HCLSoftware

HCL BigFix
Cloud Lifecycle Management

API Guide

Version 10.9.0

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Document Revision History

This guide is updated with each release of the product or when necessary.

This table provides the revision history of this API Guide.

Version Date	Description
May, 2020	DRYiCE MyCloud v9.2 API Guide
August, 2020	DRYiCE MyCloud v10.0 API Guide
November, 2020	DRYiCE MyCloud v10.1 API Guide
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1 Preface

This section provides information about the HCL BigFix CLM API Guide and includes the following topics:

- Intended Audience
- Related Documents
- Conventions

1.1 Intended Audience

This guide is intended for users who have administrator access to HCL BigFix CLM and the users who are authorized to access the V3 API module of BigFix CLM.

1.2 Related Documents

The following documents can be referenced in addition to this guide for further information on BigFix CLM.

- HCL BigFix CLM Introduction Guide
- HCL BigFix CLM Installation Guide
- HCL BigFix CLM Configuration Guide - Admin Module
- HCL BigFix CLM Configuration Guide - Provider Module - Part 1
- HCL BigFix CLM Configuration Guide - Provider Module – Part 2
- HCL BigFix CLM User Guide
- HCL BigFix CLM Developer Guide
- HCL BigFix CLM Troubleshooting Guide
- HCL BigFix CLM API Guide

1.3 Conventions

The following typographic conventions are used in this document:

Table 1 – Conventions

Convention	Element
Boldface	Indicates graphical user interface elements associated with an action, or terms defined in text or the glossary
Blue Underline face	Indicates cross-reference and links
`Courier New (Font)`	Indicates commands within a paragraph, URLs, code in examples, and paths including onscreen text and text input from users
Italic	Indicates document titles, occasional emphasis, or glossary terms
Numbered lists	Indicates steps in a procedure to be followed in a sequence

Bulleted lists	Indicates a list of items that is numbery necessarily meant to be followed in a sequence

2 HCL BigFix Cloud Lifecycle Management (CLM) Overview

Today, many enterprises see cloud-based applications as an effective way to optimize IT-related costs, by leveraging pay-as-you-go model. Some organizations also realized the benefits that liberalization of IT deployment and management across departments brings on the table, agility being of prime importance.

At the same time, the approach of having a decentralized, unregulated, cloud-based IT ecosystem poses new challenges around managing costs, visibility, and others. There is a need to have a hybrid cloud management platform which gives them the flexibility to manage a complex and fast-changing cloud environment.

HCL BigFix CLM is a hybrid cloud management product that empowers organizations to optimally govern, provision, monitor, and manage cloud infrastructure. It combines data exploration and data visualization in an easy-to-use product that enables effective analysis and generates actionable insights for IAAS, PAAS resources and multi-machine blueprints. HCL BigFix CLM's data-driven recommendations and advisories ensure continuous optimization of enterprise cloud environments across areas, including cost, performance, security, and utilization.

3 About HCL BigFix CLM APIs

To support managing the cloud infrastructure, HCL BigFix CLM offers a set of REST APIs. Using these APIs, a user establishes the connection between HCL BigFix CLM, multiple other enterprise applications like an ITSM tool and cloud service provider consoles.

The enterprise applications and HCL BigFix CLM servers communicate over HTTP, exchanging representations of HCL BigFix CLM objectives to utilize HCL BigFix CLM functionalities.

These representations take the form of JSON elements. Listed below are the methods that are supported by HCL BigFix CLM for API calls.

- **HTTP GET**: Method to retrieve the current representation of an object.
- **HTTP POST, PUT and PATCH**: Methods to create or change an object.
- **HTTP DELETE**: Method to delete an object.

3.1 HCL BigFix CLM Rest API Request

To consume the functionality of HCL BigFix CLM provided by a specific API, an enterprise tool needs to place a request. This section details the construction of that request that is supported by HCL BigFix CLM.

Requests are typically categorized in terms of the requested operation: create, retrieve, update, and delete. This sequence of verbs is often abbreviated with the acronym CRUD.

- **BASE API-URL**: https://anyweb.com/webapi/api.
- **Swagger API Document-URL**: https://. anyweb.com/webapi/swagger/ui/index

3.1.1 Authentication

HTTP communications between an HCL BigFix CLM API client and server are secured with SSL. HCL BigFix CLM supports Token based authentication. To get a Token, the user needs to provide a valid username, password, and grant type to Token API. If the user belongs to multiple organization and Provider to two new parameters will pass (accesslevel, requestedaccessentityId).

To get the credentials, contact the HCL BigFix CLM Admin of an organization (Provider/ organization) or drop an email at bigfixclm-prodsupport-team@hcl-software.com

It is important to have the five key parameters listed below to make a valid API call to HCL BigFix CLM:

- **Grant_Type**: It is a credential type required to authorize the use of HCL BigFix CLM API. It is set as "password" if user is LDAP, then it is set as "LDAP."
- **Username**: A valid username to access the API.
- **Password**: A valid password to authenticate the API call.
- **AccessLevel:** If user belongs to multi organizations and providers and need to pass "ORG" for access API with organization user or "PVD" for access API with provider user.
- **RequestedAccessentityId:** If user belongs to multi organizations and providers and pass "ORG" as access level then pass orgentityid or unique orgcode for this key and if "PVD" as access level the pas provider name or provider entity ID for this key.

3.2 Generate Token

This section explains how to generate a token to consume HCL BigFix CLM API. The "Postman" tool has been used to demonstrate HCL BigFix CLM API consumption in this guide.

1. Define **methodtype** = **GET**.

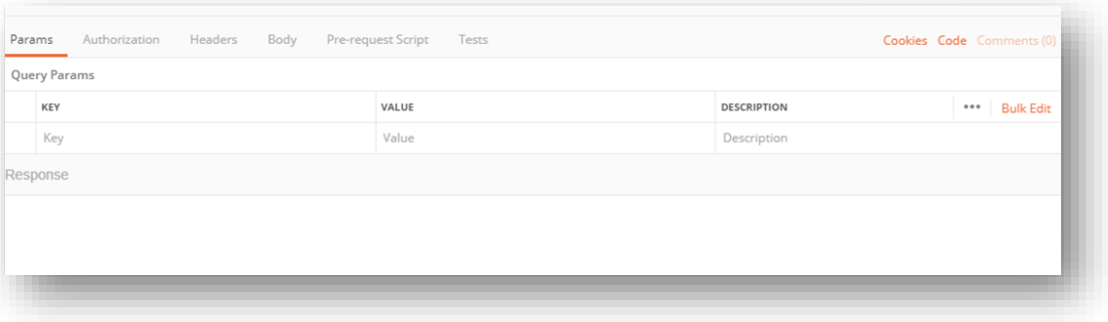

Figure 1 – Generate Token

2. Add header with 'Content-Type' **Key** and **Value** 'application/x-www-form-urlencoded'.

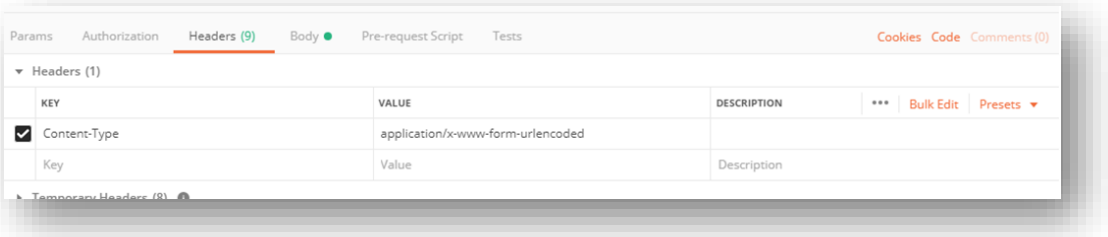

Figure 2 - Generate Token (cont.)

3. Define the body section with valid **username**, **password**, **grant_type**= 'password', **access="ORG" or "PVD"** and **requestedaccessentityId=" OrgCode, OrgentityId, Providername, Providerentityid"**.

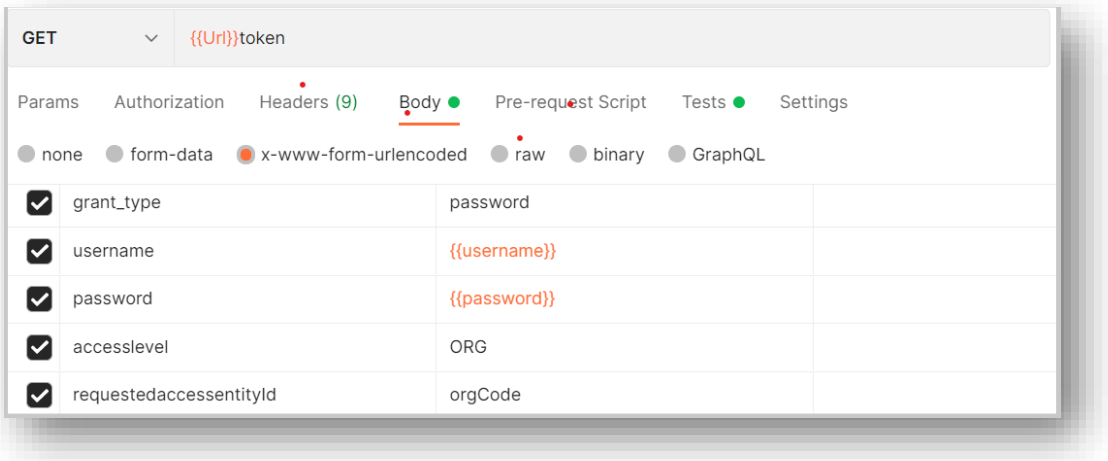

Figure 3 - Generate Token (cont.)

4. Define the body section with valid username, password, and grant_type= 'ldap' for ldap users.

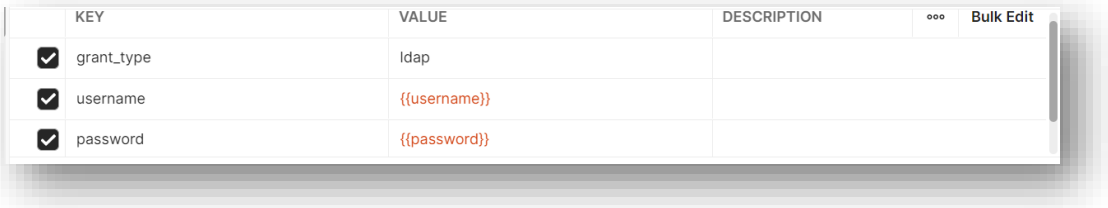

Figure 4 - Generate Token (cont.)

5. Click on **Send** button to get a token which will be used to access all the APIs of HCL BigFix CLM in a session.

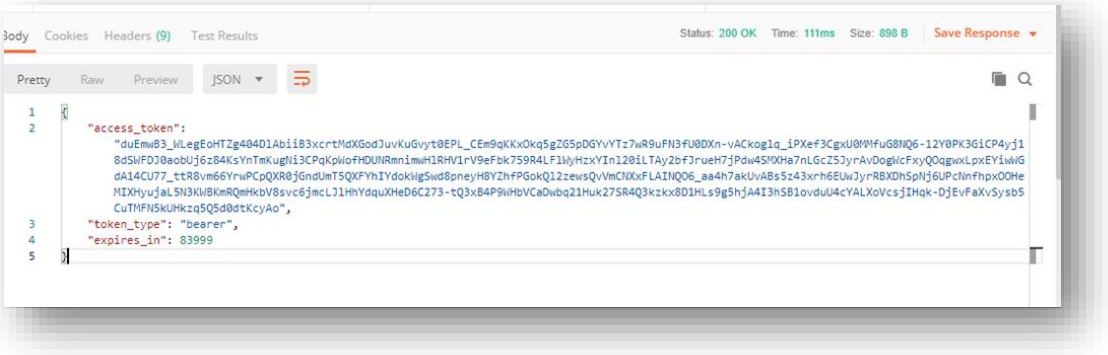

Figure 5 - Generate Token (cont.)

6. On successful validation of credentials, API will return "Access Token" in response body which will be used for making successive API call.

7. Enter the **API URL** and "**GET**" or "**POST**" as **method type**.

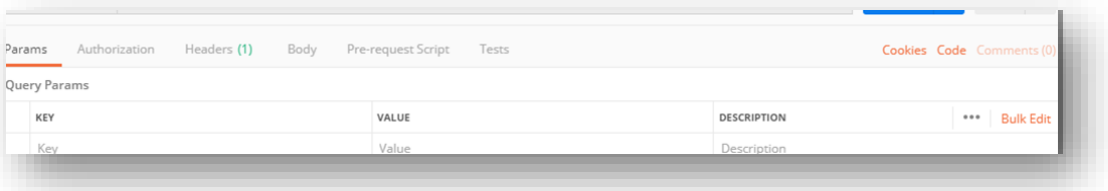

Figure 6 - Generate Token (cont.)

8. In the headers section of request, set token for **Authorization key** with the prefix "**Bearer**".

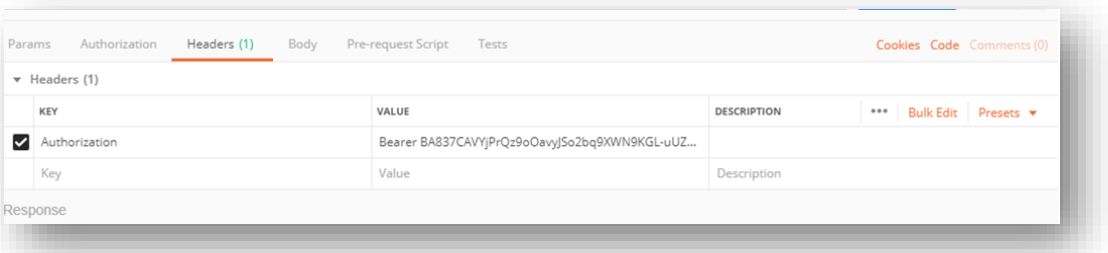

Figure 7 - Generate Token (cont.)

9. Click on **Send** to get response of API.

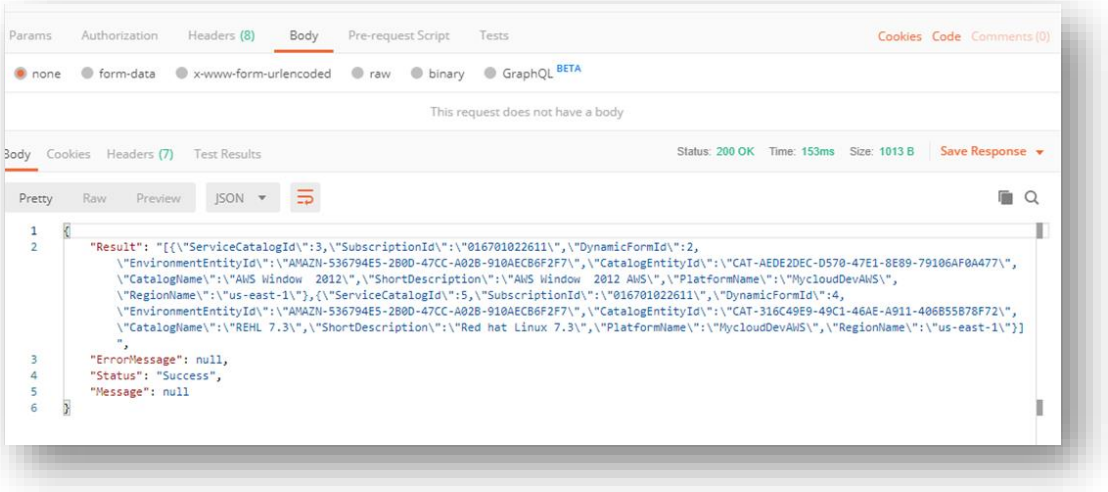

Figure 8 - Generate Token (cont.)

10. The returned response will be displayed in Body at the Bottom Pane as displayed in above figure.

3.2.1 Request Header

The following HTTP headers are included in HCL BigFix CLM API requests.

Table 2 - Request Header Fields

Headers	Description
Accept	All requests must include an HTTP Accept header that designates the API version that the client supports. The following header indicates that the request is for HCL BigFix CLM API version 10.9.0: Accept: application/*+json; version=1.0
Authorization	All requests from authenticated clients must include an Authorization header.
Content-Type	Requests that include a body must start with the appropriate HTTP Content-Type header.

3.3 HCL BigFix CLM Rest API Responses

Once an enterprise tool requests an HCL BigFix CLM API, an API response is sent to that tool from HCL BigFix CLM post successful authentication. This section details the construction of that response.

All responses include a HTTP status code, e.g., 200 for "success", 204 for "Number content" etc. Hence, response content depends on the request.

The response to a GET request is typically the representation of an existing request or artifact in HCL BigFix CLM.

The response to a PUT or POST request contains attributes of the object being created or updated. It also contains one Task element e.g., Request ID that a user uses to track the progress of an operation.

3.3.1 HTTP Response Codes

Every response for an HCL BigFix CLM API call, has a response code embedded within it. The table below lists the meaning associated with all the response codes used in HCL BigFix CLM API call responses. Each of these response codes identifies the reason behind the action that was taken in an API call.

Table 3 - HTTP Response Codes

Status Code	Status Description
200 OK	The request is valid and was completed. The response includes a document body.
201 Created	The request is valid. The requested object was created and found in the URL specified in the Location header.
202 Accepted	The request is valid, and a task was created to handle it. This response is usually accompanied by a Task element.
204 Number Content	The request is valid and was completed. The response does numbers include a body.
400 Bad Request	The request body is malformed, incomplete, or otherwise invalid.
401 Unauthorized	An authorization header was expected but numbert found.
404 Numbert Found	One or more objects specified in the request could numbert be found in the specified HCL BigFix CLM API directory.
415 Unsupported Media Type	The server is refusing to service the request because the entity of the request is in a format which is numbert supported by requested resource for the requested method.
500 Internal Server Error	The request was received but could numbert be completed because of an internal error on the server.

3.4 HCL BigFix CLM API Details

This section provides the details of all the existing APIs for HCL BigFix CLM. The APIs in the current version of HCL BigFix CLM utilizes the GET and POST methods. Listed in the table below are the APIs categorized based on these methods.

Table 4 - HCL BigFix CLM API Details

GET APIS – To fetch information from HCL BigFix CLM		
S. No.	**API**	**API Description**

1	Token	API returns token which is based on grant type, username, and password.
2	Approve Request	This API is accessible by business and technical users to approve/referback/reject requests.
3	Get AWS Regions	API returns regions associated to endpoint.
4	Allocate AWS Sizes to Organization	Allocate instance sizes to a zone (availability zone) for an organization.
5	Get AWS Size Details	API returns the sizes allocated to zone.
6	Get AWS Security Details	API returns the security groups in an endpoint.
7	Get AWS Security Details by ServicePlan	API returns the security groups of endpoints associated with service plan.
8	Get AWS KeyPairs	API returns the keyPairs of an endpoint.
9	Get AWS KeyPairs By Serviceplan	API returns the keyPairs of endpoint associated with service plan.
10	Get AWS Snapshots	API returns the snapShots of endpoint.
11	Get AWS Snapshots by ServicePlan	API returns the snapShots of endpoint mapped with specific ServicePlan.
12	Get AWS Ebs	API returns the Ebs of endpoint.
13	Get AWS Ebs By ServicePlan	API returns the Ebs of endpoint associated with service plan.
14	Get AWS Nics	API returns the Nics of endpoint.
15	Get Aws Nics By ServicePlan	API returns the Nics of endpoint associated with service plan.
16	Get AWS ElasticsIps	API returns the elasticIPs of endpoint.
17	Get AWS LoadBalancer	API returns the loadBalancers of endpoint.
18	Get AWS LoadBalancer By ServicePlan	API returns the loadBalancers of endpoint associated with service plan.
19	Get AWS Instances	API returns the instances of endpoint.
20	Get AWS Instances By ServicePlan	API returns the instances of endpoint associated with service plan.
21	Get AWS InstanceTypes(Sizes)	API returns the instance types(sizes)supported by AWS.
22	Get AWS Availability Zones	API returns the availability zones of endpoint.
23	Get AWS Vpcs	API returns the vpc of endpoint.

24	Get AWS Vpcs By ServicePlan	API returns the vpcs of endpoint associated with service plan.
25	Get AWS Subnets	API returns the subnets of endpoint.
26	Get AWS Subnets By ServicePlan	API returns the subnets of endpoint associated with service plan.
27	Reserve AWS Ip Address	This API reserve free IP for an object and nic.
28	Release AWS IP Address	API releases the Ipaddress allocated for an object and nic.
29	Get Azure Region	API returns regions associated to endpoint.
30	Get Azure SizeDetails	API returns the size allocated to a region.
30	Get Azure resourcegroup	API returns all the Resource Groups created in Endpoint.
31	Get Azure resourcegroup By Serviceplan	API returns all the Resource Groups created in Endpoint associated with ServicePlan.
32	Get Azure vnet	API returns all the Virtual Networks created in Endpoint.
33	Get Azure vnet By ServicePlan	API returns all the Virtual Networks created in Endpoint associated with ServicePlan.
34	Get Azure Subnet	API returns all the Subnets created in Endpoint.
35	Get Azure Subnet By ServicePlan	API returns all the Virtual Networks created in Endpoint associated with ServicePlan.
36	Get Azure PIP	API returns all the PIPs created in Endpoint associated.
37	Get Azure PIP By ServicePlan	API returns all the PIPs created in Endpoint associated with ServicePlan.
38	Get Azure availabilityset	API returns all the Availabilityset created in Endpoint.
39	Get Azure availabilityset By ServicePlan	API returns all the Availabilityset created in Endpoint associated with ServicePlan.
40	Get Azure loadbalancer	API returns all the LoadBalancers created in Endpoint.
41	Get Azure loadbalancer By ServicePlan	API returns all the LoadBalancers created in Endpoint associated with ServicePlan.
42	Get Azure recoveryvault	API returns all the RecoveryVault created in Endpoint.
43	Get Azure recoveryvault By ServicePlan	API returns all the RecoveryVault created in Endpoint associated with ServicePlan.
44	Get Azure backup Policy	API returns all the BackupPolicy created in Endpoint.
45	Get Azure backup Policy by ServicePlan	API returns all the BackupPolicy created in Endpoint associated with ServicePlan.
46	Get Azure StorageAccounts	API returns all the Storage Accounts created in Endpoint.

47	Get Azure StorageAccounts by ServicePlan	API returns all the Storage Accounts created in Endpoint associated with ServicePlan.
48	Get Azure Proximity Placements Groups	API returns all the Proximity Placements Groups created in Endpoint.
49	Get Azure Proximity Placements Groups by ServicePlan	API returns all the Proximity Placements Groups created in Endpoint associated with ServicePlan.
50	Get Azure Disk	API returns all the Disks created in Endpoint.
51	Get Azure Disk by ServicePlan	API returns all the Disks created in Endpoint associated with ServicePlan.
52	Get Azure NIC	API returns all the Nics created in Endpoint.
53	Get Azure NIC by ServicePlan	API returns all the Nics created in Endpoint associated with ServicePlan.
54	Get Azure Snapshots	API returns all the Snapshots created in Endpoint.
55	Get Azure Snapshots by ServicePlan	API returns all the Snapshots created in Endpoint associated with ServicePlan.
56	Get Azure ipconfigurations	API returns all the Ipconfigurations created in Endpoint.
57	Get Azure Sizes	API returns all the sizes assigned to organization.
58	Reserve Azure Ips	This API reserve free IP for an object and nicprefix in a subnet
59	Release Azure Ips	This API release IP allocated for an object and nicprefix in a subnet
60	Get Azure Disk Types by SizeName	API returns all the disktypes applicable for size.
61	Get Azure DiskTypes	API returns all the disktypes.
62	Allocate Azure Sizes to Region	Allocate sizes to region and Organization.
63	Get All Cis	Retrieves all CIs of organization.
64	SaveCI	Save CI object in HCL BigFix CLM CImaster by using the data included in the request.
65	Update CI	Update CI object in HCL BigFix CLM CImaster by using the data included in the request.
66	Get CI by Ciid	Returns the specified CI details.
67	Get CI by ObjectId and Objecttype	Returns the specified objectId and ObjectType details
68	Get Delegate Users	Retrieves a list of delegated users contained within the Ciid.

69	Get Deleagte Users by Objectid and Objecttype	Retrieves a list of delegated users contained within the ObjectId and ObjectType.
70	Get associated requests of Ci	Retrieves a list of requests associated with CiId.
71	Get associated requests of ObjecttId and ObjectType	Retrieves a list of requests associated with Objectid and ObjectType.
72	Get Transfer Ownership History of Ci	Returns Ownership details with historical information of CiId.
73	Get Transfer Ownership History of ObjectId and ObjectType	Returns Ownership detail with historical information based on ObjectId and ObjectType.
74	Lease Change of Ci	Updates lease date of CiId.
75	Lease Change of ObjectId and ObjectType	Updates lease date of ObjectId and ObjectType.
76	Transfer Ownership to Object	Transfers ownership to CiId or (ObjectId and ObjectType) included in the request.
77	Get CIRelationShip	Returns associated CIs of specific CiId.Retrieves relationship of Ci.
78	Get CIRelationShip of ObjectId and ObjectType	Returns associated with CI's of ObjectId and ObjectType.Retrieves relationship of ObjectId and ObjectType.
79	Remove RelationShip of Ci	Removes associated relationship of CIId.
80	Remove RelationShip of ObjectId and ObjectType	Removes associated relationship of ObjectId and ObjectType.
81	Remove Users/Rbac Groups from CI delegation List	Removes Users and Rbac Groups from the CI delegation list.
82	Delegate a CI to Users/Rbac Groups	Delegates a CI to Users/Rbac group.
83	Get List of Delegated Users/Groups Associated To CI	Returns list of delegated users/groups associated to CI.
84	Get List of Delegated Users/Groups Associated to CI By Objectid and Objecttype	Returns list of delegated users/groups associated to CI. CI is filtered by ObjectId and ObjectType.
85	Get Delegate History Of CI	returns delegate history of CI.

86	Get Delegate History of CI By Objectid and Objecttype	Returns delegate history of CI. CI is filtered by ObjectId and ObjectType.
87	Delete DelegateUsers	Remove user's delegate rights on CI.
88	Delegate Users to Ci	Delegate user's rights on ci.
89	Get Delegate Users History of Ci	Returns Delegate Users history information of CiId.
90	Get Delegate Users history of Objectid and ObjectType	Returns Delegate Users history information of ObjectId and ObjectType.
91	Get Private Cloud Cost Services	This API is used to get services-based location.
92	Get Public Cloud Cost Services	This API is used to get services details based on region.
93	Get Expected Cost	This API is used to get expected cost details and summary of services supported by HCL BigFix CLM.
94	Delete records from Customtable	Delete all records in custom table defined for organization.
95	Get records from Customtable	Get records from custom table defined for an organization.
96	Add records into Customtable	Add records in custom table defined for organization.
97	Update records into Customtable	Update records in custom table defined for organization.
98	Delete Specific records from Customtable	Delete specific record from the custom table.
99	Get GCP Vpcs by ServicePlan	API returns GCP Vpc(s) Details in endpoint associated with serviceplan.
100	Get GCP Vpcs	API returns GCP Vpc(s) Details in endpoint.
101	Get GCP Subnets by ServicePlan	API returns GCP subnet(s) Details in endpoint associated with serviceplan.
102	Get GCP Subnet	API returns GCP subnet(s) Details in endpoint.
103	Get GCP Sizes	API returns size supported by GCP.
104	Get GCP Regions	API returns regions associated with endpoint.
105	Get GCP Zones	API returns zone associated with endpoint.
106	Get GCP Disks by ServicePlan	API returns disks in endpoint associated with serviceplan.

107	Get GCP Disks	API returns disks in endpoint.
108	Get GCP Static Ip Address by ServicePlan	API returns staticIpAddresses in the endpoint associated with serviceplan.
109	Get GCP Static Ip Address	API returns static IpAddresses.
110	Allocate GCP Sizes to Organization	Allocate instance sizes to a zone for an organization.
111	Get GCP sizes allocated to Organization	API returns sizes allocated to zone.
112	Reserve GCP Ip address	This API reserve free IP for an object and Nic in subnet.
113	Release GCP Ip address	This API release allocated IP for an object and Nic in subnet.
114	Get GCP Custom Machine Types	API returns details of machine type supported by GCP.
115	Get GCP Machine Types_API: _Get_VMWAR_2	API returns Machine types supported by GCP.
116	Get Naming Configuration	Get configuration of organization. This API is accessible by provider users.
117	Add Naming Configuration	Add configuration details for an organization. This API is accessible by provider users.
118	Update Naming Configuration	Update configuration details for an organization. This API is accessible by provider users
119	Delete Naming Configuration	Delete configuration details for an organization. This API is accessible by provider users.
120	Get Naming Configuration Keys	Get keys associated with configuration of organization. This API is accessible by provider users.
121	Add Naming Configuration Keys	Insert keys for configuration of organization. This API is accessible by provider users.
122	Update Naming Configuration Keys	update keys for configuration of organization. This API is accessible by provider users.
123	Delete Naming Configuration Keys	Delete configuration details for an organization. This API is accessible by provider users.
124	Get Naming Configuration and Key Sequence	Get the current sequence of configuration and keyname.
125	Get Service Offerings	Get all the service Catalogs list in the endpoint.

126	Get Service Offerings Details by Service Catalog Name	Get service Catalogs details by service catalog name
127	Get Service Offerings Details by Service Catalog Id	Get service Catalogs details by service catalogId.
128	Get All tasks of specific Service CatalogId	Get All task list of Service CatalogId
128	Get All tasks of specific Service Catalog Name	Get All task list of Service CatalogName and endpointId
129	Get OU Details of Organization	This API use to get all domain OU details
130	Get Users of Organization	To get all user details for Organization.
131	Allocate Resources to Organization	To Allocate the resources to organization.
132	Get AD users of Organization	To get all AD user details for Organization.
133	Create EndPoint	This API will be used to create end points based on platform.
134	Get Provisioning EndPoints	To get all endpoints details allocated to Organization.
135	Get EndPoints	This API is used to fetch the VMWAR Resource based on platformentityid and organizationentityid.
136	Get Requests	This API returns the list of Requests created by the user.
137	Create Request	This API is used to create Request in HCL BigFix CLM based on Request JSON.
138	Update Request	This API is used to update Request in HCL BigFix CLM based on Request Number.
139	Create Request for Action	This API is used to create Request for Actions such as Resize VM etc. In HCL BigFix CLM based on Request JSON with minimum parameters.
140	Update Request for Action	This API is used to Update Request for Actions such as Resize VM etc.
141	Get Request details by requestNumber	This API returns request information, associated items details and business parameters based on requestnumber.
142	Get Request details by request Number and item Number	This API returns request information and associated task details of a specific request based on requestnumber and itemnumber.

143	Get Request Business Parameters	This API returns the complete information of a request including keys and values of request form associated with that request.
144	Update Business Parameters of request	This API is used to insert/update the Key- Pairs in HCL BigFix CLM w.r.t. Requests (table where all dynamic UI fields of request are saved).
145	Update SrNumber of Request	This API is used to insert/update the Key- Pairs in HCL BigFix CLM w.r.t. Requests (table where all dynamic UI fields of request are saved).
146	Get Service CatalogOffering Details of Request	This API is used to get offering details of request.
147	Get SCVMM Cloud Details	API returns all the Clouds created in Endpoint.
148	Get SCVMM Cloud Details by ServicePlan	API returns all the Clouds created in Endpoint and associated with servicePlan.
149	Get SCVMM Host Details	API returns all the Hosts created in Endpoint.
150	Get SCVMM Host Details by ServicePlan	API returns all the Hosts created in Endpoint and associated with servicePlan.
151	Get SCVMM Networks	API returns all the Networks created in Endpoint.
152	Get SCVMM Networks by ServicePlan	API returns all the Networks created in Endpoint and associated with servicePlan.
153	Get SCVMM Host Groups	API returns all the Host Groups created in Endpoint.
154	Get SCVMM Host Groups by ServicePlan	API returns all the Host Groups created in Endpoint and associated with servicePlan.
155	Get SCVMM Sizes	To get allocated cloud size detail.
156	Add SCVMM Size	Add sizes to organization applicable for SCVMM.
157	Update SCVMM Size	Update size to organization applicable for SCVMM.
158	Reserve SCVMM Ip Address	This API reserve free IP for an object and nicprefix in a netwrok.
159	Release SCVMM Ip Address	This API release free IP for an object and nicprefix in a network.
160	Get Software Provisioning Platform	This API return details of software provisioning endpoint details and associated packages.
161	Get Vcenter Clusters	This API returns Vcenter storage associated to endpointId.
162	Get Vcenter Clusters by ServicePlan	This API returns Vcenter clusters associated with endpointId and mapped with serviceplan.
163	Get Vcenter Hosts	This API returns Vcenter hosts associated to endpointId.

164	Get Vcenter Hosts by ServicePlan	This API returns Vcenter hosts associated with endpointId and mapped with serviceplan.
165	Get Vcenter Sizes	This API is used to fetch the Private cloud Size applicable for Organization.
166	Add Vcenter Size	This API is used to INSERT Private Size(s) based on Organization.This API is accessible by provider admin users.
167	Update Vcenter Size	This API is used to UPDATE Vcenter Size based on Organization.This API is accessible by provider admin users.
168	Reserve Vcenter Ip Address	This API is reserving IP against Objects in a network.
169	Release Vcenter Ip Address	This API is releasing IP against Objects in a network.
170	Get Vcenter Storage	This API returns Vcenter storage associated with endpointId.
171	Get Vcenter Storage by Cluster	This API returns Vcenter hosts associated with endpointId and cluster.
172	Get Vcenter Storage by Host	This API returns Vcenter hosts associated to endpointId and host.
173	Get Vcenter Storage by ServicePlan	This API returns Vcenter hosts associated with endpointId and mapped with serviceplan.
174	Get Vcenter Resources	This API is used to fetch the VMWAR Resource associated with endpointId.
175	Get Vcenter Resources by Clusters	This API returns Vcenter resources associated with endpointId and Cluster.
176	Get Vcenter Resources by Serviceplan	This API returns Vcenter resources associated with endpointId and mapped with serviceplan.
177	Get Vcenter Networks	This API returns Vcenter networks associated with endpointId.
178	Get Vcenter Networks by Cluster	This API returns Vcenter networks associated with endpointId.
179	Get Vcenter Networks by Host	This API returns Vcenter networks associated with endpointId and host.
180	Get Vcenter Networks by ServicePlan	This API returns Vcenter networks associated with endpointId and mapped with serviceplan.
181	Get Vcenter Datacenter	This API returns Vcenter datacenter associated to endpointId.
182	Get Vcenter Datacenter by ServicePlan	This API returns Vcenter datacenter associated to endpointId and mapped with serviceplan.
183	Get Vcenter Datacenter Location	This API returns data center location of created endpoint.

184	Get Vcenter Regions	This API returns data center location of created endpoint.
185	Update external Tool information by TaskrequestId	This API is used to update external tool configuration details to the workflow task of HCL BigFix CLM.
186	Update external Tool information by TaskName	This API is used to update external tool configuration details to the workflow task of HCL BigFix CLM.
187	Execute Custom workflow	This API is used to execute custom powershell and python scripts.
188	Update ITSM/SnumberwTask status by taskname and CrNumber	This API is used to update the status of ITSM manual task created in HCL BigFix CLM by ITSM team through Task Name.In this API we have an option to update errordescription related to task.
189	Update ITSM/SnumberwTask status by taskRequestId	This API is used to Update the status of ITSM manual task created in HCL BigFix CLM by ITSM team through taskid (It is unique ID of Process workflow of task). In this API we have the option to update error description related to task.
190	Update ITSM/SnumberwTask status by external tool configuration	This API is used to update the status of workflow task based on external tool configuration ITSM(SNUMBERW).
191	Update workflow task execution time by TaskName	This API is used to update execution time of workflow tasks. This API is accessible by Provider admin users.
192	Update workflow Task execution time by Taskid	This API is used to update execution time of workflow tasks. This API is accessible by Provider admin users.

3.4.1 Token

Table 5 – Token

Element	Description
API	Token
Description	API returns the token based on grant type, username, and password to authenticate HCL BigFix CLM APIs.
Method	GET
URL	*Http(s)://xx.xxx.xx.xx:xxx/token*

Body (Parameters (Mandatory for HCL BigFix CLM Users)	**Grant_type**: password Username: xxxx Password: xxxxx **AccessLevel**: If user belongs to multi organizations and providers and need to pass "ORG" for access API with organization user or "PVD" for access API with provider user. **RequestedAccessentityId**: If user belongs to multi organizations and providers and pass "ORG" as accesslevel then pass orgentityid or unique orgcode for this key and if "PVD" as access level the pas provider name or provider entityid for this key.
Body (Parameters (Mandatory for Ldap Users)	Grant_type: ldap **Username**: xxxx (username with domain details e.g. Domain\Username (CONTOSO\USERA)) Password: xxxxx **AccessLevel**: If user belongs to multi organizations and providers and need to pass "ORG" for access API with organization user or "PVD" for access API with provider user. **RequestedAccessentityId**: If user belongs to multi organizations and providers and pass "ORG" as accesslevel then pass orgentityid or unique orgcode for this key and if "PVD" as access level the pas provider name or provider entityid for this key.
Header	**Content-Type**: application/x-www-form-urlencoded
Response	A Sample Response: {"access_token": "lt9r1xt731ccd7yv8sx2nams_vjiss Kagbtin5y5mk6jvns 40U_mpxsacztpgmj3h Febpeq9myn9gveo0hstedm5hhzxx4uy08isqpz_mif KI0s7c1xkZogNHvpFnKCklW9gPudDkqdyC6UB7Pb Rlfqss2oypjurrcoq7p4zppy8tga Dkq7m7vhzak9cuzccpo_c2tcn61ppj08ferz_cmb Tkiegj6mhqkkwfkta5ijqs6ztsx62r5cfgumok 3DQW25OuM-bvloltrg54o9lly_xn2txj_s3dwisbzftnp9 Kuv0tvrxdjdfxfz44gp_wacudphsewrvzaqz- 7spsyxteoo7pm6w2ph3idivypw25azrjmztzfpo

	Ku0naoj14snrr492fgyddky30jpu0aleorglv1zx B8x7flojdkxcexpkblbix8svtuftgfs8ig5o0q11ue Pilx8csljnhpmhodwa8k3w_jdrfptr2hbylmivu Oq5tqItTd8izLvS52uPaSAWqS2Imb8WdjhUMLZIg Nj6pzwc61shkomls_f2ucr0q3obgu0d0tz Bxarwoys40lweyal5jiov8ft5enkdccon Xjx2DsG877EX06VapVzC912Vi1HyOwFAjfvGDps- 0ekjx5wckzzzztcwmbw9tew", "token_type": "bezzzzzzarer", "expires_in": 83zzzz999 }
Response Parameters	• Access_token • Token_type • Expires_in

3.4.2 Approval

3.4.2.1 Approve Request

Table 6 - API: Approve Request

Element	Description
API	UpdateApprovalStage
Description	Approval of API to action on request. Requests can be approved, referred to back or rejected by approval users.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/approval/requestNumber/{requestNumber}*
URL Parameters (fields in curly {} braces)	• requestNumber (Mandatory): Unique request number for approval. RequestNumber is generated by placing new request using v3/requests Post API.
Body Parameters	{ "stageName": "", "status": "", "remarks": "", "requestJson": [{ "itemNumber": 0, "businessParameters": {}

	<pre>}]
	}</pre>
	• **StageName (Mandatory)**: Name of approval stage to approve/refer back/reject request. To approve/refer back/reject all the stages one time so user can define StageName=" ALL".
	• **Status (Mandatory)**: Status should be "Approved","Referback" and "Reject"
	• **Requestjson (Optional)**: It is a JSON object containing key value pair to update business parameters against request and item number.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: <pre>Success</pre>
Response Parameters	

3.4.3 AWS

3.4.3.1 Get Regions

Table 7 - API: GET AWS Regions

Element	Description
API	GetAWSRegion
Description	API returns region(s) associated to endpoint.
Method	GET
URL	*Http:// {xx. xxxx.xx. xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/regions*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g., Filter="keyname='keyvalue'"

	○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g."filter": "cityName='Virginia'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 1, "records": [{ "regionEntityId": null, "regionName": "us-east-1", "id": 44, "cityName": "Virgffffinia", "longitude": "", "latitude": "", "displayName": "US East (N. Virfffginia)", "createdDate": "7/11/2019 7:25:18 AM", "isDeleted": "N", "isSynced": "N", "platFormCode": "AMAZN" }] }`
Response Parameters	• regionEntityId • regionName • id • cityName • longitude • latitude

	• displayName • createdDate • isDeleted • isSynced • platFormCode • Errormessage

3.4.3.2 Allocate Sizes to Organisation

Table 8 - API: Allocate AWS Sizes to Organization

Element	Description
API	AllocateSizeToOrganisation
Description	Allocate instance size(s) to a zone (availability zone) for an organization. API is accessible to provider users.
Method	POST
URL	*Http:// {xx. xxxx.xx. xx:xxx}/v3/aws/organizations/{organizationCode}/zones/{zone}/sizes*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen. • **zone (Mandatory)**: Zone, for which size need to allocate.
Body Parameters	`{ "sizeId": "string", }` • **sizeId (Mandatory)**: Comma separated unique Id of size.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/son
Response	A Sample Response: `Success`
Response Parameters	

3.4.3.3 Get Size Details

Table 9 - API: GET AWS Size Details

Element	Description
API	GetAWSizeDetails
Description	API returns AWS instanceType(sizes) mapped to an organization.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/zones/{zone}/sizes*
URL Parameters (fields in curly {} braces)	• **zone (Mandatory)**: Availability zone of AWS. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number. of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "sizeName='a1. medium'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "sizeId": "36", "sizeName": "a1. medium", "instanceTypeName": "A1", "sizeDescription": "a1. medium (vCPU:1, Memory: 2.00)", "cpu": "1",

```
            "memory": "2.00",
            "storage": "",
            "storageType": "SRT6",
            "driveSize": "",
            "computeUnit": "",
            "ioPerf": "Up to 10 Gigabit",
            "maxNic": "2",
            "maxPrivateIPsPerNic": "4",
            "architecture": "arm64",
            "rootDrive": "EBS",
            "osType": "0,1",
            "isVpc": "Y",
            "regionName": "ap-east-1",
            "cityName": "Hong Kong",
            "displayName": "Asia Pacificzzz (Hong Kong)",
            "locationName": "ap-east-1a",
            "locationDescription": "ap-east-1a",
            "text": "a1. medium"
        }
    ]
}
```


Response Parameters

- Result:
  - sizeId
  - sizeName
  - instanceTypeName
  - sizeDescription
  - cpu
  - memory
  - storage
  - storageType
  - driveSize
  - computeUnit
  - isPerf
  - maxNic
  - maxPrivateIPsPerNic
  - architecture
  - rootDrive
  - osType

	○ isVpc ○ regionName ○ cityName ○ displayname ○ locationName ○ locationDescription ○ text

3.4.3.4 Get Security Groups

Table 10 - API: GET AWS Security Groups

Element	Description
API	GetAWSSecurityGroups
Description	API returns AWS security group(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/securityGroups*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number. of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response:

```
{
   "totalRecords": 3,
    "records": [
        {
            "actualIdOnEnvironment": "sg-
0d9bbcd5e7e75c747",
            "name": "XXXX_security _group",
            "regionName": "us-east-1",
            "vpcId": "vpc-xxxxxx",
            "associatedServicePlans": []
        },
        {
            "actualIdOnEnvironment": "sg-xxxxxx",
            "name": "default",
            "regionName": "us-east-1",
            "vpcId": "vpc-xxxxxx",
            "associatedServicePlans": [
                {
                    "ServicePlanID": "1",
                    "ServicePlanName": "platinum"
                },
                {
                    "ServicePlanID": "2",
                    "ServicePlanName": "silver"
                }
            ]
        },
        {
            "actualIdOnEnvironment": "sg-xxxxxx",
            "name": "",
            "regionName": "us-east-1",
            "vpcId": "vpc-xxxxxx",
            "associatedServicePlans": []
        }
    ]
}
```


Response Parameters	• Result: ○ actualIdOnEnvironment

	○ name ○ regionName ○ vpcId ○ associatedServicePlans

3.4.3.5 Get Security Groups by Service Plan

Table 11 – API: GET AWS Security Groups by Service Plan

Element	Description
API	GetAWSSecurityGroupsbyServicePlan
Description	API returns AWS security group(s) exist in endpoint and is mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/securityGroups/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanname (Mandatory)**: Service plan name to filter according to service plans. Eg. Platinum/Silver • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 1,`
	`"records": [`
	`{`
	`"actualIdOnEnvironment": "sg-015e76cedb8b6239b",`
	`"name": "default",`
	`"regionName": "us-east-1",`
	`"vpcId": "vpc-xxxxxx",`
	`"associatedServicePlans": [`
	`{`
	`"ServicePlanID": "1",`
	`"ServicePlanName": "platinum"`
	`},`
	`{`
	`"ServicePlanID": "2",`
	`"ServicePlanName": "silver"`
	`}`
	`]`
	`}`
	`]`
	`}`

Response Parameters	• Result: ○ actualIdOnEnvironment ○ name ○ regionName ○ vpcId ○ associatedServicePlans

3.4.3.6 Get Key Pairs of Endpoint

Table 12 - API: GET AWS Key Pairs

Element	Description
API	GetAWSKeyPairs
Description	API returns AWS Key pair(s) exist in Endpoint.

Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/keyPairs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber": "1", "pagesize": "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 31,
	"records": [
	{
	"entityId": "KEYPAIR-854AB919-01B1-48EE-8CC3-9E9DD87C016B",
	"name": "xxxx",
	"regionName": "us-east-1",
	"associatedServicePlans": []
	}
	]
	}

Response Parameters	• Result: ○ entityId

	○ name ○ regionName ○ associatedServicePlans

3.4.3.7 Get Key Pairs by Service Plan

Table 13 - API: GET AWS Key Pairs by Service Plan

Element	Description
API	GetAWSKeyPairs
Description	API returns AWS key pair(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/keyPairs/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: Service plan name to filter according to service plans. Eg. Silver/Platinum • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber": "1", "pagesize": "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: {

```
   "totalRecords": 31,
    "records": [
        {
            "entityId": "KEYPAIR-854AB919-01B1-48EE-8CC3-
9E9DD87C016B",
            "name": "XXXX",
            "regionName": "us-east-1",
            "associatedServicePlans": []
        }
    ]
}
```


Response Parameters	• Result:
	  ○ entityId
	  ○ name
	  ○ regionName
	  ○ associatedServicePlans

3.4.3.8 Get Snapshots

Table 14 - API: GET AWS Snapshots

Element	Description
API	GetAWSSnapShots
Description	API returns AWS snapshot(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/snapShots*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.
	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:
	  ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"
	  ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC".
	  ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1"
	  ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response:


```
{
   "totalRecords": 28,
    "records": [
        {
            "snapshotId": "snap-xxxxxx",
            "text": null,
            "dataEncryptionKeyId": "",
            "description": "Created by CreateImage(i-
02be28ba4bf32d586) for ami-xxxxxx",
            "encrypted": "false",
            "kmsKeyId": "",
            "ownerId": "016701022611",
            "ownerAlias": "",
            "progress": "100%",
            "state": "completed",
            "stateMessage": "",
            "volumeId": "vol-xxxxxx",
            "volumeSize": "80",
            "regionName": "us-east-1",
            "tags": [
                {
                    "Purpose": "Failover_AMI"
                },
                {
                    "Owner": "Seema and Ashok"
                },
                {
                    "Expiry": "Number"
                }
```

```
            ],
            "isActive": "Y",
            "associatedServicePlans": []
        }
    ]
}
```


Response Parameters	• Result: ○ snapshotId ○ text ○ dataEncryptionId ○ description ○ encrypted ○ kmsKeyId ○ ownerId ○ ownerAlias ○ progress ○ state ○ stateMessage ○ volumeId ○ volumeSize ○ regionName ○ tags ○ isActive ○ associatedServicePlans

3.4.3.9 Get Snapshots by Service Plan

Table 15 - API: GET AWS Snap Shots by Service Plan

Element	Description
API	GetAWSSnapShots
Description	API returns AWS snapshot(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/snapShots/servicePlanName/{servicePlanName} ?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: Service Plan Name to filter according to service plans. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g., Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 28, "records": [{ "snapshotId": "snap-0088c1d91ca477868", "text": null, "dataEncryptionKeyId": "", "description": "Created by CreateImage(i-02be28ba4bf32d586) for ami-xxxxxx", "encrypted": "false", "kmsKeyId": "", "ownerId": "016701022611", "ownerAlias": "", "progress": "100%", "state": "completed", "stateMessage": "",

```
            "volumeId": "vol-0264cc4c389035612",
            "volumeSize": "80",
            "regionName": "us-east-1",
            "tags": [
                {
                    "Purpose": "Failover_AMI"
                },
                {
                    "Owner": "Seema and Ashok"
                },
                {
                    "Expiry": "Number"
                }
            ],
            "isActive": "Y",
            "associatedServicePlans": []
        }
    ]
}
```


Response Parameters

- Result:
  - snapshotId
  - text
  - dataEncryptionId
  - description
  - encrypted
  - kmsKeyId
  - ownerId
  - ownerAlias
  - progress
  - state
  - stateMessage
  - volumeId
  - volumeSize
  - regionName
  - tags
  - isActive
  - associatedServicePlans

Table 16 - API: GET AWS EBS

Element	Description
API	GetAWSEBS
Description	API returns AWS ebs(s) exist in Endpoint.
Method	GET
URL	*Http://{xx. xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/ebss*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 3, "records": [{ "entityId": null, "name": "vol-xxxxxx", "size": "10", "isRootDevice": "N",

```
            "instanceId": "i-xxxxxx",
            "userEntityId": "",
            "regionName": "us-east-1",
            "availabilityZoneName": "us-east-1a",
            "attachmentTime": "2020-08-
14 05:59:12.0000000",
            "attachmentStatus": "attached",
            "deviceName": "/dev/sda1",
            "ebsType": "gp2",
            "iops": "100",
            "parentSnapShotEntityId": "snap-
0c4e8263cef786d91",
            "alarmStatus": "",
            "ebsState": "1",
            "tagName": [
                {
                    "Key": "Owner",
                    "Value": "Kk"
                },
                {
                    "Key": "Name",
                    "Value": "ebs3"
                }
            ],
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
 }
```


Response Parameters

- Result:
  - entityId
  - name
  - size
  - isRootDevice

	○ instanceId ○ regionName ○ availabilityZoneName ○ attachmentTime ○ attachmentStatus ○ deviceName ○ ebsType ○ iops ○ parentSnapShotEntityId ○ alarmStatus ○ ebsState ○ tagName ○ associatedServicePlans

3.4.3.11 Get EBS By Service Plan

Table 17 – API: GET AWS EBS by Service Plan

Element	Description
API	GetAWSEBS
Description	API returns AWS ebs(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/ebss/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: Service Plan Name to filter according to service plans. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response:


```
{
   "totalRecords": 1,
    "records": [
        {
            "entityId": null,
            "name": "vol-xxxxxx",
            "size": "10",
            "isRootDevice": "N",
            "instanceId": "i-xxxxxx",
            "userEntityId": "",
            "regionName": "us-east-1",
            "availabilityZoneName": "us-east-1a",
            "attachmentTime": "2020-08-
14 05:59:12.0000000",
            "attachmentStatus": "attached",
            "deviceName": "/dev/sda1",
            "ebsType": "gp2",
            "iops": "100",
            "parentSnapShotEntityId": "snap-xxxxxx",
            "alarmStatus": "",
            "ebsState": "1",
            "tagName": [
                {
                    "Key": "Owner",
                    "Value": "Kk"
                },
                {
                    "Key": "Name",
                    "Value": "ebs3"
```

```
                }
            ],
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters	• Result: ○ entityId ○ name ○ size ○ isRootDevice ○ instanceId ○ regionName ○ availabilityZoneName ○ attachmentTime ○ attachmentStatus ○ deviceName ○ ebsType ○ iops ○ parentSnapShotEntityId ○ alarmStatus ○ ebsState ○ tagName ○ associatedServicePlans

3.4.3.12 Get Nics

Table 18 - API: GET AWS Nics

Element	Description
API	GetAWSNics
Description	API returns AWS Nic(s) exist in Endpoint.
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/nics*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 63, "records": [{ "id": 1, "nicEntityId": null, "actualIdOnEnv": "eni-03c35e8bc61d63d74", "regionName": "us-east-1", "platformEntityId": "AMAZN-62A2E3B7-5484-4DD3-B328-0B331FB8A161", "description": "Primary network interface", "actualStateIdOnEnv": "in-use", "physicalAddressOnEnv": "xx", "instanceId": "i-xxxxxx", "deviceIndexOnEnv": "0",

```
            "attachmentIdOnEnv": "eni-attach-
07f5080d8280b092a",
            "associatedServicePlans": [
                {
                    "servicePlanId": "1",
                    "servicePlanName": "platinum"
                }
            ]
        }
    ]

 }
```


Response Parameters	• Result: ○ id ○ nicEntityId ○ actualIdOnEnv ○ regionName ○ platformEntityId ○ description ○ actualStateIdOnEnv ○ physicalAddressOnEnv ○ instanceId ○ deviceIndexOnEnv ○ attachmentIdOnEnv ○ associatedServicePlans

3.4.3.13 Get Nics by Service Plan

Table 19 - API: GET AWS Nics by Service Plan

Element	Description
API	GetAWSNics
Description	API returns AWS Nic(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/nics/servicePlanName/{servicePlanName}*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: service plan name to filter according to service plans. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber": "1", "pagesize": "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 63,`
	`"records": [`
	`{`
	`"id": 1,`
	`"nicEntityId": null,`
	`"actualIdOnEnv": "eni-xxxxxx",`
	`"regionName": "us-east-1",`
	`"platformEntityId": "AMAZN-62A2E3B7-5484-4DD3-B328-0B331FB8A161",`
	`"description": "Primary network interface",`
	`"actualStateIdOnEnv": "in-use",`
	`"physicalAddressOnEnv": "xx",`
	`"instanceId": "i-xxxxxx",`
	`"deviceIndexOnEnv": "0",`

	"attachmentIdOnEnv": "eni-attach-07f5080d8280b092a",
	"associatedServicePlans": [
	{
	"servicePlanId": "1",
	"servicePlanName": "platinum"
	}
	]
	}
	]
	}

Response Parameters	• Result: ○ id ○ nicEntityId ○ actualIdOnEnv ○ regionName ○ platformEntityId ○ description ○ actualStateIdOnEnv ○ physicalAddressOnEnv ○ instanceId ○ deviceIndexOnEnv ○ attachmentIdOnEnv ○ associatedServicePlans

3.4.3.14 Get ElasticIPs

Table 20 - API: GET AWS ElasticIPs

Element	Description
API	GetAWSElasticIPs
Description	API returns AWS elasticIP(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/elasticIPs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 0,
	"records": [
	{
	"publicIp": "",
	"domain": "",
	"allocationId": "",
	"associationId": "",
	"instanceId": "",
	"nicId": "",
	"privateIPAddress": "",
	"regionName":{}
	}
	]
	}

Response Parameters	• Result: ○ publicIp ○ domain ○ allocationId ○ associationId

	○ instanceId ○ nicId ○ privateIPAddress ○ regionName

3.4.3.15 Get Load Balancer

Table 21 - API: GET AWS Load Balancers

Element	Description
API	GetAWSLoadBalancers
Description	API returns AWS load balancer(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/loadBalancers*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g., Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 0,`
	`"records": [`

	<pre>{
	"entityId": "",
	"name": "",
	"associatedServicePlans": {},
	"regionName": ""
	}
	]
	}</pre>

Response Parameters	• Result: ○ entityId ○ name ○ associationServicePlans ○ regionName

3.4.3.16 Get Load Balancer by Service Plan

Table 22 - API: GET AWS Load Balancers by Service Plan

Element	Description
API	GetAWSLoadBalancers
Description	API returns AWS load balancer(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/loadBalancers/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: Service plan name to filter according to service plans. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g., Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 0, "records": [ { "entityId": "", "name": "", "associatedServicePlans": {}, "regionName": "" } ] }`
Response Parameters	• Result: ○ entityId ○ name ○ associationServicePlans ○ regionName

3.4.3.17 Get Instances

Table 23 - API: GET AWS Instances

Element	Description
API	GetAWSInstances
Description	API returns AWS instance(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/instances*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. "filter": "instaceId='i-x'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 1,`
	`"records": [`
	`{`
	`"instanceId": "i-xxxxxx",`
	`"instanceEntityId": null,`
	`"associatedServicePlans": []`
	`}`
	`]`
	`}`

Response Parameters	• Result: ○ instanceId ○ instanceentityId ○ associationServicePlans

3.4.3.18 Get Instance Types

Table 24 - API: GET AWS InstanceTypes

Element	Description
API	GetAWSInstanceType
Description	API returns the instance types(sizes)supported by AWS.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/instancesTypes*
URL Parameters (fields in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "sizeId='36'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 1,`
	`"records": [`
	`{`
	`"name": "A1",`
	`"value": "a1. medium",`
	`"sizeDescription": "a1. medium (vCPU: 1, vMemory: 2.00 GB)",`
	`"sizeId": "36",`
	`"platformEntityTypeCode": "AMAZN",`
	`"vCpu": "1",`
	`"vMemory": "2.00",`
	`"storage": "",`
	`"storageType": "SRT6",`
	`"numberofDrive": "5",`

```
            "driveSize": "",
            "computeUnit": "",
            "ioPerf": "Up to 10 Gigabit",
            "maxNic": "2",
            "maxPrivateIpsPerNic": "4",
            "architecture": "arm64",
            "rootDrive": "EBS",
            "osType": "0,1",
            "isVpc": "Y",
            "jsonCode": "",
            "jsonType": "",
            "isActive": "Y"
        }
    ]

}
```


Response Parameters

- Result:
  - name
  - value
  - sizeDescription
  - sizeId
  - platformEntityTypeCode
  - vCpu
  - vMemory
  - storage
  - storageType
  - numberofDrive
  - driveSize
  - computeUnit
  - ioPerf
  - maxNic
  - maxPrivateIpsPerNic
  - architecture
  - rootDrive
  - osType
  - isVpc
  - jsonCode
  - jsonType

	○ isActive

3.4.3.19 Get Availability Zones

Table 25 - API: GET AWS AvailabilityZone

Element	Description
API	GetAWSAvailabilityZone
Description	API returns AWS Availability zone(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/availabilityZones*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 6, "records": [{ "id": "14",

```
            "name": null,
            "regionName": "us-east-1",
            "text": null
        }
    ]
}
```


Response Parameters	• Result: ○ id ○ name ○ regionName ○ text

3.4.3.20 Get VPCs

Table 26 - API: GET AWS Vpcs

Element	Description
API	GetAWSVPC
Description	API returns AWS vpc(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/vpcs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a

	Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 0,
	"records": [
	{
	"id": "",
	"name": "",
	"vpcName": "",
	"regionName": "",
	"text": "",
	"vpcResourceName": "",
	"associatedServicePlans":{}
	}
	]
	}

Response Parameters	• Result: ○ id ○ name ○ vpcName ○ regionName ○ text ○ vpcResourceName ○ associatedServicePlans

3.4.3.21 Get VPCs By Service Plan

Table 27 - API: GET AWS VPCs by Service Plan

Element	Description
API	GetAWSVPC
Description	API returns AWS vpc(s) exist in endpoint and mapped with filtered service plan.
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/vpcs/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: Service Plan Name to filter according to service plans. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 0,`
	`"records": [`
	`{`
	`"id": "",`
	`"name": "",`
	`"vpcName": "",`
	`"regionName": "",`
	`"text": "",`
	`"vpcResourceName": "",`
	`"associatedServicePlans":{}`
	`}`
	`]`

	} }
Response Parameters	• Result: ○ id ○ name ○ vpcName ○ regionName ○ text ○ vpcResourceName ○ associatedServicePlans

3.4.3.22 Get Subnets

Table 28 - API: GET AWS Subnets

Element	Description
API	GetAWSSubnet
Description	API returns AWS subnet(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/subnets*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 13,`
	`"records": [`
	`{`
	`"value": null,`
	`"name": "subnet-xxxxxx",`
	`"vpcId": "vpc-xxxxxx",`
	`"locationName": "us-east-1a",`
	`"regionName": "us-east-1",`
	`"text": null,`
	`"ipRange": "xxxxxx",`
	`"actualStateIdonEnv": "1",`
	`"tagName": "[]",`
	`"isDefaultSubnet": " ",`
	`"isAutoAssignPublicIP": " ",`
	`"subnetName": "xx-subnet-app",`
	`"associatedServicePlans": [`
	`{`
	`"servicePlanId": "1",`
	`"servicePlanName": "platinum"`
	`},`
	`{`
	`"servicePlanId": "2",`
	`"servicePlanName": "silver"`
	`}`
	`]`
	`}`
	`]`
	`}`

Response Parameters	• Result:
	  ○ value
	  ○ name
	  ○ vpcId
	  ○ locationName
	  ○ regionName
	  ○ text

	○ ipRange ○ actualStateIdOnEnv ○ tagName ○ isDefaultSubnet ○ isAutoAssignedPublicIP ○ subnetName ○ associatedServicePlans

3.4.3.23 Get Subnet by Service Plan

Table 29 - API GET AWS Subnets by Service Plan

Element	Description
API	GetAWSSubnet
Description	API returns the subnets of endpoint associated with service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/subnets/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: Service Plan Name to filter according to service plans. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='us-east-1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description.

	• **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 13,
	"records": [
	{
	"value": null,
	"name": "subnet-xxxxxx",
	"vpcId": "vpc-xxxxxx",
	"locationName": "us-east-1a",
	"regionName": "us-east-1",
	"text": null,
	"ipRange": "xxxxxx/24",
	"actualStateIdonEnv": "1",
	"tagName": "[]",
	"isDefaultSubnet": " ",
	"isAutoAssignPublicIP": " ",
	"subnetName": "xx -subnet-app",
	"associatedServicePlans": [
	{
	"servicePlanId": "1",
	"servicePlanName": "platinum"
	},
	{
	"servicePlanId": "2",
	"servicePlanName": "silver"
	}
	]
	}
	]
	}

Response Parameters	• Result: ○ value ○ name ○ vpcId ○ locationName ○ regionName

	○ text ○ ipRange ○ actualStateIdOnEnv ○ tagName ○ isDefaultSubnet ○ isAutoAssignedPublicIP ○ subnetName ○ associatedServicePlans

3.4.3.24 Amazon Free IPs

Table 30 - API: GET Amazon Free Ips

Element	Description
API	ReserveAndGetAWSFreeIpDetails
Description	API reserves and returns IPaddress for an object i.e. IP will be blocked in passed subnet.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/subnets/{subnetEntityId}/freeIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **subnetEntityId (Mandatory)**: this parameter represents the subnet entity id for which IPs are to be fetched.
Body Parameters	`{ "objectId": "string", "nicPrefix": "string" }` • **Objectid (Mandatory):** This is a unique identifier of Resource like VM -Virtual Machine, LB-Load Balancer etc. • **Nicprefix**: Prefix of IP addresses such as NIC1, NIC2.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	`{`
	`"subnetName": "PublicSubnet3",`
	`"ipAddress": "xxxxxx",`
	`"subnetMask": "255.255.252.0",`
	`"defaultGateway": "xxxxxx",`
	`"networkType": "NET_T1"`
	`}`

Response Parameters	• Result: ○ SubnetName ○ ipAddress ○ subnetmask ○ defaultGateway ○ networkType

3.4.3.25 Amazon Release Ips

Table 31 - API: Amazon Release Ips

Element	Description
API	ReleaseIP
Description	API Releases blocked/reserved IPaddress.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/aws/provisioningEndPoints/{endpointId}/subnets/{subnetEntityId}/releaseIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **subnetEntityId (Mandatory)**: This parameter represents the subnet entity id for which IPs are to be fetched.

Body Parameters	`{`
	`"ipAddress": "xxxxxx"`
	`}`
	• ipAddress (Mandatory): Ipaddress to release.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a

	Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Success`
Response Parameters	• Result

3.4.4 AZURE

3.4.4.1 Get Regions

Table 32 - API: Get AZURE Regions

Element	Description
API	GetAzureRegion
Description	API returns regions associated to endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/regions*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g., Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='eastasia'","sortorder": "desc", "pagenumber": "1", "pagesize": "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description.

	• **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 1,
	"records": [
	{
	"entityId": "REG-9FDE7473-530B-4028-9A40-AB38E027195A",
	"regionName": "eastasia",
	"displayName": "East Asia",
	"id": 2,
	"cityName": "",
	"longitude": "114.188",
	"latitude": "22.267"
	}
	]
	
	}

Response Parameters	• Result: ○ entityId ○ regionName ○ displayName ○ id ○ cityName ○ longitude ○ latitude

3.4.4.2 Get Size Details

Table 33 - API: GET AZURE Sizes Mapped to Organization

Element	Description
API	GetOrgWiseAzureSizeDetails
Description	API returns AZURE size(s) mapped to an organization.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/regions/{regionName}/sizes*

URL Parameters (fields in curly {} braces)	• **regionName (Mandatory)**: Name of the Region. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "size='A0'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "sizeId": 1, "size": "A0", "tierCode": "STD", "cpu": "1", "memory": 0.75, "memoryUnit": "GB", "diskTypes": "OS,Temporary", "diskSizes": "1023,20", "sizeDescription": "Standard_A0 (CPUCores:1, Memory: 0.75 GB)", "sizeName": "Standard_A0", "additionalDiskSizeInTB": 1.0, "maxNumberOfDisksAllowed": 1, "maxIops": "", "iopsPerDisk": "",

```
            "entityId": "SIZE-AFDBC29B-B0B4-43D2-A793-
334E51DB6550",
            "isPremium": "Number",
            "armSizeName": "Standard_A0",
            "tier": "Standard",
            "family": "standardA0_A7Family",
            "region": "eastus",
            "maxResourceVolumeMB": 20480.0,
            "osVhdSizeMB": 1047552.0,
            "vCPUs": "1",
            "hyperVGenerations": "V1",
            "memoryGB": 0.75,
            "maxDataDiskCount": 1,
            "lowPriorityCapable": "FALSE",
            "premiumIO": "FALSE",
            "vmDeploymentTypes": "IaaS, PaaS",
            "combinedTempDiskAndCachedIOPS": "",
            "combinedTempDiskAndCachedReadBytesPerSecond"
: "",
            "combinedTempDiskAndCachedWriteBytesPerSecond
": "",
            "uncachedDiskIOPS": "",
            "uncachedDiskBytesPerSecond": "",
            "ephemeralOsDiskSupported": "FALSE",
            "encryptionAtHostSupported": "FALSE",
            "acceleratedNetworkingEnabled": "FALSE",
            "rdmaEnabled": "FALSE",
            "maxNetworkInterfaces": 2
        }
    ]
}
```


Response Parameters

- Result:
  - sizeId
  - size
  - tierCode
  - cpu
  - memory
  - memoryUnit

	○ diskTypes ○ diskSizes ○ sizeDescription ○ sizeName ○ additionalDiskSizeInTB ○ maxNumberOfDiskAllowed ○ maxIops ○ IopsPerDisk ○ entityId ○ isPremium ○ armSizeName ○ tier ○ family ○ region ○ maxResourceVolumeMB ○ osVhdSizeMB ○ vCPUs ○ hyperVGenerations ○ memoryGB ○ maxDataDiskCount ○ lowPriorityCapable ○ premiumIO ○ vmDeploymentTypes ○ combinedTempDiskAndCachedIOPS ○ combinedTempDiskAndCachedReadBytesPerSecond ○ combinedTempDiskAndCachedWriteBytesPerSecond ○ uncachedDiskIOPS ○ uncachedDiskBytesPerSecond ○ ephemeralOsDiskSupported ○ encryptionAtHostSupported ○ acceleratedNetworkingEnabled ○ rdmaEnabled ○ maxNetworkInterfaces

3.4.4.3 Get Resource Groups

Table 34 - API: GET AZURE Resource Groups

Element	Description

API	GetAzureResourceGroup
Description	API returns AZURE resource group(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/resourceGroups*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='eastus2'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 4,`
	`"records": [`
	`{`
	`"entityId": "RES-295CD8F7-93B5-41E5-A0D5-DCE7057C2A27",`
	`"regionName": "eastus2",`
	`"name": "RG-asr",`
	`"id": 1,`
	`"isDefault": "N",`
	`"platformEntityId": "ARM-xxxxxx",`
	`"tags": [],`

	<pre>"associatedServicePlans": []
	}
	]
	}</pre>

Response Parameters	• Result: ○ entityId ○ regionName ○ name ○ id ○ isDefault ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.4 Get Resource Groups by Service Plan

Table 35 - API: GET AZURE Resource Groups by Service Plan

Element	Description
API	GetAzureResourceGroup
Description	API returns AZURE resource group(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/resourceGroups/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: Service Plan Name to filter according to service plans. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1"

	○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='eastus'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 1,
	"records": [
	{
	"entityId": "RES-97A85266-141D-421F-8266-620FC2BA4CF3",
	"regionName": "eastus",
	"name": "HCL-LAB-TFE",
	"id": 5,
	"isDefault": "N",
	"platformEntityId": "ARM-58B227EC-707F-4549-9EB3-8EB1D06F55D2",
	"tags": [],
	"associatedServicePlans": [
	{
	"servicePlanId": "2",
	"servicePlanName": "silver"
	}
	]
	}
	]
	
	}

Response Parameters	• Result: ○ entityId ○ regionName ○ name

	○ id ○ isDefault ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.5 Get Virtual Networks

Table 36 - API: GET AZURE Virtual Networks

Element	Description
API	GetAzureVNetGetAzureVNet
Description	API returns AZURE virtual network(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/virtualNetworks*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='aro-vnet'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 1,`
	`"records": [`

```
        {
            "entityId": "NTW-A89C7759-903D-4563-9B21-
1AB1F7367F80",
            "regionName": "eastus",
            "name": "aro-vnet",
            "id": 2,
            "actualIdOnEnvironment": "c800fb56-7415-41ba-
80f3-e7ee9c979030",
            "resourceGroupName": "aro_",
            "addressSpace": "",
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "tags": [],
            "customField1": "",
            "customField2": "",
            "customField3": "",
            "customField4": "",
            "customField5": "",
            "customField6": "",
            "customField7": "",
            "customField8": "",
            "customField9": "",
            "customField10": "",
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters

- Result:
  - entityId
  - regionName
  - name
  - id
  - actualIdOnEnvironment

	○ resourceGroupName ○ addressSpace ○ platformEntityId ○ tags ○ customField1 ○ customField2 ○ customField3 ○ customField4 ○ customField5 ○ customField6 ○ customField7 ○ customField8 ○ customField9 ○ customField10 ○ associatedServicePlans

3.4.4.6 Get Virtual Networks by Service Plan

Table 37 - API: GET AZURE Virtual Networks by Service Plan

Element	Description
API	GetAzureVNetGetAzureVNet
Description	API returns AZURE virtual network(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/virtualNetworks/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: Service Plan Name to filter according to service plans. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"

	○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='aro-vnet'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "entityId": "NTW-A89C7759-903D-4563-9B21-1AB1F7367F80", "regionName": "eastus", "name": "aro-vnet", "id": 2, "actualIdOnEnvironment": "c800fb56-7415-41ba-80f3-e7ee9c979030", "resourceGroupName": "aro", "addressSpace": "", "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-8EB1D06F55D2", "tags": [], "customField1": "", "customField2": "", "customField3": "", "customField4": "", "customField5": "", "customField6": "", "customField7": "", "customField8": "", "customField9": "", "customField10": "",

```
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters	• Result: ○ entityId ○ regionName ○ name ○ id ○ actualIdOnEnvironment ○ resourceGroupName ○ addressSpace ○ platformEntityId ○ tags ○ customField1 ○ customField2 ○ customField3 ○ customField4 ○ customField5 ○ customField6 ○ customField7 ○ customField8 ○ customField9 ○ customField10 ○ associatedServicePlans

3.4.4.7 Get Subnets

Table 38 - API: GET AZURE Subnets

Element	Description
API	GetAzureSubNet
Description	API returns AZURE subnet(s) exist in Endpoint.

Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/subnets*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "subnetname='common-sub'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "entityId": "SUB-348B074F-0E0A-40ED-B76D-F44B26DE30F1", "subnetName": "common-sub", "vnetName": "RG-vnet", "regionName": "eastus", "id": 1, "subnetAddressPrefix": "xxxxxx/xx", "nsgEntityId": "", "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-8EB1D06F55D2",

```
            "tags": [],
            "associatedServicePlans": [
                {
                    "servicePlanId": "1",
                    "servicePlanName": "platinum"
                }
            ]
        }
    ]
}
```


Response Parameters	• Result: ○ entityId ○ subnetName ○ vnetName ○ regionName ○ id ○ subnetAddressPrefix ○ nsgEntityId ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.8 Get Subnets by Service Plan

Table 39 - API: GET AZURE Subnets by Service Plan

Element	Description
API	GetAzureSubNet
Description	API returns AZURE subnet(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/subnets/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: Service Plan Name to filter according to service plans.

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "subnetname='common-sub'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 1,
	"records": [
	{
	"entityId": "SUB-348B074F-0E0A-40ED-B76D-F44B26DE30F1",
	"subnetName": "common-sub",
	"vnetName": "RG-vnet",
	"regionName": "eastus",
	"id": 1,
	"subnetAddressPrefix": "xxxxxx/xx,
	"nsgEntityId": "",
	"platformEntityId": "ARM-58B227EC-707F-4549-9EB3-8EB1D06F55D2",
	"tags": [],
	"associatedServicePlans": [
	{
	"servicePlanId": "1",
	"servicePlanName": "platinum"
	}

<table>
<tr><td></td><td><pre>
                ]
            }
        ]
}
</pre></td></tr>
<tr><td>Response Parameters</td><td>

Result:

entityId
subnetName
vnetName
regionName
id
subnetAddressPrefix
nsgEntityId
platformEntityId
tags
associatedServicePlans

</td></tr>
</table>

3.4.4.9 Get Public IPs

Table 40 - API: GET AZURE Public Ips

Element	Description
API	GetAzurePIP
Description	API returns AZURE public IP(s) addresses exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/publicIPs*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "regionname='eastus'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 2, "records": [{ "entityId": "PIP-59E00457-2E64-4718-9435-044833123D1E", "pipName": "LQA1024-ip", "pipDNSName": "", "regionName": "eastus", "id": 2, "idleTimeOutInMin": "4", "ipAddress": "xxxxxx", "ipAllocationMethod": "Dynamic", "ipAddressVersion": "IPv4", "actualIdOnEnvironment": "abe6f6df-a86a-4d77-94a7-457cf1a9bb12", "isUsed": "Y", "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-8EB1D06F55D2", "tags": [{ "EXPPIRY_x0020_DATE": "18-OCT-20" }, { "Name": "Machine" }, { "Owner": "AmitDw" },

```
                {
                    "Purpose": "Performance_Data"
                },
                {
                    "vmname": "LQA1024"
                },
                {
                    "CreatedOn": "2022-01-
18T04:33:32.4163145Z"
                }
            ],
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters

- Result:
  - entityId
  - pipName
  - pipDNSName
  - regionName
  - id
  - idleTimeOutInMin
  - ipAddress
  - ipAllocationMethod
  - ipAddressVersion
  - actualIdOnEnvironment
  - isUsed
  - platformEntityId
  - tags
  - associatedServicePlans

Table 41 - API: GET AZURE Public IPs by Service Plan

Element	Description
API	GetAzurePIP
Description	API returns AZURE public IP(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/publicIPs/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionname='eastus'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{

```
            "entityId": "PIP-59E00457-2E64-4718-9435-
044833123D1E",
            "pipName": "LQA1024-ip",
            "pipDNSName": "",
            "regionName": "eastus",
            "id": 2,
            "idleTimeOutInMin": "4",
            "ipAddress": "xxxxxx",
            "ipAllocationMethod": "Dynamic",
            "ipAddressVersion": "IPv4",
            "actualIdOnEnvironment": "abe6f6df-a86a-4d77-
94a7-457cf1a9bb12",
            "isUsed": "Y",
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "tags": [
                {
                    "EXPPIRY_x0020_DATE": "18-OCT-20"
                },
                {
                    "Name": "Machine"
                },
                {
                    "Owner": "AmitDw"
                },
                {
                    "Purpose": "Performance_Data"
                },
                {
                    "vmname": "LQA1024"
                },
                {
                    "CreatedOn": "2022-01-
18T04:33:32.4163145Z"
                }
            ],
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
```

```
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters	• Result: ○ entityId ○ pipName ○ pipDNSName ○ regionName ○ id ○ idleTimeOutInMin ○ ipAddress ○ ipAllocationMethod ○ ipAddressVersion ○ actualIdOnEnvironment ○ isUsed ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.11 Get Availability Sets

Table 42 - API: GET AZURE Availability Sets

Element	Description
API	GetAzureAvailabilitySet
Description	API returns AZURE availability set(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/availabilitySets*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:

	○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name=mcld-av'","sortorder": "desc", "pagenumber": "1", "pagesize": "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 1,
	"records": [
	{
	"entityId": "AVS-E8DD31AA-5EB4-4D5B-9E78-CEFC467B0832",
	"name": "mcld-av",
	"parentEntityTypeCode": "RES",
	"regionName": "eastus",
	"id": 2,
	"resourceGroupName": "RG",
	"updateDomainCount": "5",
	"faultDomainCount": "2",
	"isManaged": " ",
	"platformEntityId": "ARM-58B227EC-707F-4549-9EB3-8EB1D06F55D2",
	"tags": [
	{
	"owner": "Lokesh"
	}
	],
	"associatedServicePlans": [
	{
	"servicePlanId": "2",

	"servicePlanName": "silver" }] }] }
Response Parameters	• Result: ○ entityId ○ name ○ parentEntityTypeCode ○ regionName ○ id ○ resourceGroupName ○ updateDomainCount ○ faultDomainCount ○ isManaged ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.12 Get Availability Sets by Service Plan

Table 43 - API: GET AZURE Availability Sets by Service Plan

Element	Description
API	GetAzureAvailabilitySet
Description	API returns AZURE availability set(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/availabilitySets/ServicePlanName/{ServicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan.

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='mcld-av'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 1,
	"records": [
	{
	"entityId": "AVS-E8DD31AA-5EB4-4D5B-9E78-CEFC467B0832",
	"name": "mcld-av",
	"parentEntityTypeCode": "RES",
	"regionName": "eastus",
	"id": 2,
	"resourceGroupName": "RG",
	"updateDomainCount": "5",
	"faultDomainCount": "2",
	"isManaged": " ",
	"platformEntityId": "ARM-58B227EC-707F-4549-9EB3-8EB1D06F55D2",
	"tags": [
	{
	"owner": "Lokesh"
	}
	],

	"associatedServicePlans": [
	{
	"servicePlanId": "2",
	"servicePlanName": "silver"
	}
	]
	}
	]
	
	}

Response Parameters	• Result: ○ entityId ○ name ○ parentEntityTypeCode ○ regionName ○ id ○ resourceGroupName ○ updateDomainCount ○ faultDomainCount ○ isManaged ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.13 Get Load Balancers

Table 44 - API: GET AZURE Load Balancers

Element	Description
API	GetAzureLoadBalancer
Description	API returns AZURE load balancer(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/provisioningEndPoints/{endpointId}/loadBalancers*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionname='eastus'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 1,
	"records": [
	{
	"entityId": "",
	"name": "",
	"actualIdOnEnvironment": "",
	"regionName": "",
	"id": 0,
	"lbType": "",
	"resourceGroupName": "",
	"platformEntityId": "",
	"tags": {},
	"associatedServicePlans": [
	{
	"servicePlanId": "",
	"servicePlanName": ""
	}
	]
	}

	] }
Response Parameters	• Result: ○ entityId ○ name ○ actualIdOnEnvironment ○ regionName ○ id ○ lbType ○ resourceGroupName ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.14 Get Load Balancers by Service Plan

Table 45 – API: GET AZURE Load Balancers by Service Plan

Element	Description
API	GetAzureLoadBalancer
Description	API returns AZURE load balancer(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/provisioningEndPoints/{endpointId}/loadBalancers/ServicePlanName/{ServicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".

	○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionname='eastus'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 1,
	"records": [
	{
	"entityId": "",
	"name": "",
	"actualIdOnEnvironment": "",
	"regionName": "",
	"id": 0,
	"lbType": "",
	"resourceGroupName": "",
	"platformEntityId": "",
	"tags": {},
	"associatedServicePlans": [
	{
	"servicePlanId": "",
	"servicePlanName": ""
	}
	]
	}
	]
	}

Response Parameters	• Result: ○ entityId ○ name ○ actualIdOnEnvironment

	○ regionName ○ id ○ lbType ○ resourceGroupName ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.15 Get RecoveryVaults

Table 46 - API: GET AZURE Recovery Vaults

Element	Description
API	GetAzureRecoveryVault
Description	API returns AZURE recovery vault(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/provisioningEndPoints/{endpointId}/recoveryVaults*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionname='eastus'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 1,
	"records": [
	{
	"entityId": "ARSV-C9FE99B0-0AB6-4D7A-9068-D0F43F95E8C9",
	"name": "-recovery-vault",
	"actualIdOnEnvironment": "-recovery-vault",
	"regionName": "eastus",
	"id": 1,
	"platformEntityId": "ARM-58B227EC-707F-4549-9EB3-8EB1D06F55D2",
	"tags": [],
	"associatedServicePlans": [
	{
	"servicePlanId": "2",
	"servicePlanName": "silver"
	}
	]
	}
	]
	}

Response Parameters	• Result: ○ entityId ○ name ○ actualIdOnEnvironment ○ regionName ○ id ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.16 Get RecoveryVaults by Service Plan

Table 47 - API: GET AZURE RecoveryVaults by Service Plan

Element	Description

API	GetAzureRecoveryVault
Description	API returns AZURE recovery vault(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/provisioningEndPoints/{endpointId}/recoveryVaults/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionname='eastus'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "entityId": "ARSV-C9FE99B0-0AB6-4D7A-9068-D0F43F95E8C9", "name": "-recovery-vault", "actualIdOnEnvironment": "-recovery-vault",

```
            "regionName": "eastus",
            "id": 1,
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "tags": [],
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters	• Result: ○ entityId ○ name ○ actualIdOnEnvironment ○ regionName ○ id ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.17 Get Backup Policies

Table 48 - API: GET AZURE Backup Policies

Element	Description
API	GetAzureBackupPolicy
Description	API returns AZURE backup policy(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/backupPolicys*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionname='eastus'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 3, "records": [{ "entityId": "RBPP-71298B0D-C1FE-4A6A-B974-373D66BBD97F", "name": "daily backup", "regionName": "eastus", "recoveryVaultName": "-recovery-vault", "id": 1, "actualIdOnEnvironment": "daily backup", "backupFrequency": "Daily", "backupTime": "16:00:00", "retentionDailyBackup": "Y", "retentionDailyBackupPointForDays": "7", "retentionWeeklyBackup": "N", "retentionWeeklyBackupOn": "", "retentionWeeklyBackupAt": "00:00:00", "retentionWeeklyBackupPointForWeeks": "12", "retentionMonthlyBackup": "N",

```
            "retentionMonthlyBackupBase": " ",
            "retentionMonthlyBackupOn": "",
            "retentionMonthlyBackupDay": "",
            "retentionMonthlyBackupAt": "00:00:00",
            "retentionMonthlyBackupPointForMonths": "60",
            "retentionYearlyBackup": "N",
            "retentionYearlyBackupBase": " ",
            "retentionYearlyBackupIn": "",
            "retentionYearlyBackupOn": "",
            "retentionYearlyBackupDay": "",
            "retentionYearlyBackupAt": "00:00:00",
            "retentionYearlyBackupPointForYears": "10",
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "tags": [],
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters

- Result:
  - entityId
  - name
  - regionName
  - recoveryVaultName
  - id
  - actualIdOnEnvironment
  - backupFrequency
  - backupTime
  - retentionDailyBackup
  - retentionDailyBackupPointForDays
  - retentionWeeklyBackup
  - retentionWeeklyBackupOn
  - retentionWeeklyBackupAt

	○ retentionWeeklyBackupPointForWeeks ○ retentionMonthlyBackup ○ retentionMonthlyBackupBase ○ retentionMonthlyBackupOn ○ retentionMonthlyBackupDay ○ retentionMonthlyBackupAt ○ retentionMonthlyBackupPointForMonths ○ retentionYearlyBackup ○ retentionYearlyBackupBase ○ retentionYearlyBackupIn ○ retentionYearlyBackupOn ○ retentionYearlyBackupDay ○ retentionYearlyBackupAt ○ retentionYearlyBackupPointForYears ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.18 Get Backup Policies by Service Plan

Table 49 - API: GET AZURE Backup Policies by Service Plan

Element	Description
API	GetAzureBackupPolicy
Description	API returns AZURE backup policy(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/backupPolicys/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:

	○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionname='eastus'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 3, "records": [{ "entityId": "RBPP-71298B0D-C1FE-4A6A-B974-373D66BBD97F", "name": "daily-backup", "regionName": "eastus", "recoveryVaultName": "-recovery-vault", "id": 1, "actualIdOnEnvironment": "daily-backup", "backupFrequency": "Daily", "backupTime": "16:00:00", "retentionDailyBackup": "Y", "retentionDailyBackupPointForDays": "7", "retentionWeeklyBackup": "N", "retentionWeeklyBackupOn": "", "retentionWeeklyBackupAt": "00:00:00", "retentionWeeklyBackupPointForWeeks": "12", "retentionMonthlyBackup": "N", "retentionMonthlyBackupBase": " ", "retentionMonthlyBackupOn": "", "retentionMonthlyBackupDay": "",

```
            "retentionMonthlyBackupAt": "00:00:00",
            "retentionMonthlyBackupPointForMonths": "60",
            "retentionYearlyBackup": "N",
            "retentionYearlyBackupBase": " ",
            "retentionYearlyBackupIn": "",
            "retentionYearlyBackupOn": "",
            "retentionYearlyBackupDay": "",
            "retentionYearlyBackupAt": "00:00:00",
            "retentionYearlyBackupPointForYears": "10",
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "tags": [],
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters

- Result:
  - entityId
  - name
  - regionName
  - recoveryVaultName
  - id
  - actualIdOnEnvironment
  - backupFrequency
  - backupTime
  - retentionDailyBackup
  - retentionDailyBackupPointForDays
  - retentionWeeklyBackup
  - retentionWeeklyBackupOn
  - retentionWeeklyBackupAt
  - retentionWeeklyBackupPointForWeeks
  - retentionMonthlyBackup
  - retentionMonthlyBackupBase

	○ retentionMonthlyBackupOn ○ retentionMonthlyBackupDay ○ retentionMonthlyBackupAt ○ retentionMonthlyBackupPointForMonths ○ retentionYearlyBackup ○ retentionYearlyBackupBase ○ retentionYearlyBackupIn ○ retentionYearlyBackupOn ○ retentionYearlyBackupDay ○ retentionYearlyBackupAt ○ retentionYearlyBackupPointForYears ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.19 Get Storage Accounts

Table 50 – API: GET AZURE Storage Accounts

Element	Description
API	GetAzureStorageGroup
Description	API returns AZURE storage account(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/storageAccounts*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "regionname='eastus'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response:


```
{
  "totalRecords": 6,
    "records": [
        {
            "entityId": "STGA-FE795910-1823-466B-A290-
FDD2C7F26D5F",
            "name": "labtfestorage",
            "label": "",
            "regionName": "eastus",
            "id": 2,
            "url": "",
            "parentEntityTypeCode": "RES",
            "replicationCode": "",
            "status": "available",
            "primaryKey": "",
            "secondaryKey": "",
            "resourceGroupName": "HCL-LAB-TFE",
            "isPremium": "N",
            "isMaster": "N",
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "tags": [],
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
```

	] } }
Response Parameters	• Result: ○ entityId ○ name ○ label ○ regionName ○ id ○ url ○ parentEntityTypeCode ○ replicationCode ○ status ○ primaryKey ○ secondaryKey ○ resourceGroupName ○ isPremium ○ isMaster ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.20 Get Storage Accounts by Service Plan

Table 51 - API: GET AZURE Storage Accounts by Service Plan

Element	Description
API	GetAzureStorageGroup
Description	API returns AZURE storage account(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/storageAccounts/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan.

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionname='eastus'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 6, "records": [{ "entityId": "STGA-FE795910-1823-466B-A290-FDD2C7F26D5F", "name": "labtfestorage", "label": "", "regionName": "eastus", "id": 2, "url": "", "parentEntityTypeCode": "RES", "replicationCode": "", "status": "available", "primaryKey": "", "secondaryKey": "", "resourceGroupName": "HCL-LAB-TFE", "isPremium": "N", "isMaster": "N",

```
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "tags": [],
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters	• Result: ○ entityId ○ name ○ label ○ regionName ○ id ○ url ○ parentEntityTypeCode ○ replicationCode ○ status ○ primaryKey ○ secondaryKey ○ resourceGroupName ○ isPremium ○ isMaster ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.21 Get Proximity Placement Groups

Table 52 - API: GET AZURE Proximity Placement Groups

Element	Description
API	GetAzureProximityPlacementGroup
Description	API returns AZURE proximity placement group(s) exist in Endpoint.

Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/proximityPlacementGroups*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionname='eastus'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 0, "records": [{ "entityId": "", "name": "", "regionName": "", "id": 0, "resourceGroupName": "", "platformEntityId": "", "tags": {}, "associatedServicePlans": [{

	"servicePlanId": "", "servicePlanName": "" }] }] }
Response Parameters	• Result: ○ entityId ○ name ○ regionName ○ id ○ resourceGroupName ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.22 Get Proximity Placement Groups by Service Plan

Table 53 – API: GET AZURE Proximity Placement Groups by Service Plan

Element	Description
API	GetAzureProximityPlacementGroup
Description	API returns AZURE proximity placement group(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/proximityPlacementGroups/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:

	○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionname='eastus'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 0, "records": [ { "entityId": "", "name": "", "regionName": "", "id": 0, "resourceGroupName": "", "platformEntityId": "", "tags": {}, "associatedServicePlans": [ { "servicePlanId": "", "servicePlanName": "" } ] } ] }`
Response Parameters	• Result: ○ entityId

	○ name ○ regionName ○ id ○ resourceGroupName ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.23 Get Disks

Table 54 - API: GET AZURE Disks

Element	Description
API	GetAzureDisk
Description	API returns AZURE disk(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/disks*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "location='eastus2'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response:

```
{
  "totalRecords": 2,
    "records": [
        {
            "entityId": "DISK-56A4468B-D729-4A6E-973D-
F92A1E2E32D5",
            "diskName": "ASAtesting_disk1_a7414ac128e745b
d90927ca34a4a3201(/subscriptions/3f853c29-f9c0-42b1-9fba-
af6a407ded06/resourceGroups//providers/Microsoft.Compute/
disks/ASAtesting_disk1_a7414ac128e745bd90927ca34a4a3201)"
,
            "uniqueId": "xxxxxx",
            "diskId": "/subscriptions/xxxxxx",
            "name": "ASAtesting_disk1_a7414ac128e745bd909
27ca34a4a3201",
            "resourceGroupName": "",
            "location": "eastus2",
            "skuName": "Standard_LRS",
            "skuTier": "Standard",
            "osType": "Linux",
            "provisioningState": "Succeeded",
            "diskSizeGB": "32",
            "diskState": "Unattached",
            "createOption": "Copy",
            "imageReferenceId": "",
            "sourceResourceId": "/subscriptions/3f853c29-
f9c0-42b1-9fba-
af6a407ded06/resourceGroups//providers/Microsoft.Compute/
snapshots/template_rhel-image-
20191006163555_0_nchhklqewht",
            "diskIOPSReadWrite": "500",
            "diskMBpsReadWrite": "60",
            "encryptionType": "EncryptionAtRestWithPlatfo
rmKey",
            "diskSizeBytes": "34359738368",
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "tags": [
                {
```

```
                    "CreatedOn": "08/03/2021 17:06:13"
                }
            ],
            "associatedServicePlans": []
        }
    ]
}
```


Response Parameters	• Result: ○ entityId ○ diskName ○ uniqueId ○ diskId ○ name ○ resourceGroupName ○ location ○ skuName ○ skuTier ○ osType ○ provisioningState ○ diskSizeGB ○ diskState ○ createOption ○ imageReferenceId ○ sourceResourceId ○ diskIOPSReadWrite ○ diskMBpsReadWrite ○ encryptionType ○ diskSizeBytes ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.24 Get Disks by Service Plan

Table 55 - API: GET AZURE Disks by Service Plan

Element	Description
API	GetAzureDisk

Description	API returns AZURE disk(s) exist in endpoint and is mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/disks/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "location='eastus2'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 2, "records": [{ "entityId": "DISK-56A4468B-D729-4A6E-973D-F92A1E2E32D5", "diskName": "ASAtesting_disk1_a7414ac128e745bd90927ca34a4a3201(/subscriptions/xxxxxx)", "uniqueId": "a7414ac1-28e7-45bd-9092-7ca34a4a3201",

```
            "diskId": "/subscriptions/xxxxxx",
            "name": "ASAtesting_disk1_a7414ac128e745bd909
27ca34a4a3201",
            "resourceGroupName": "",
            "location": "eastus2",
            "skuName": "Standard_LRS",
            "skuTier": "Standard",
            "osType": "Linux",
            "provisioningState": "Succeeded",
            "diskSizeGB": "32",
            "diskState": "Unattached",
            "createOption": "Copy",
            "imageReferenceId": "",
            "sourceResourceId": "/subscriptions/3f853c29-
f9c0-42b1-9fba-
af6a407ded06/resourceGroups/Kk/providers/Microsoft.Comput
e/snapshots/template_rhel-image-
20191006163555_0_nchhklqewht",
            "diskIOPSReadWrite": "500",
            "diskMBpsReadWrite": "60",
            "encryptionType": "EncryptionAtRestWithPlatfo
rmKey",
            "diskSizeBytes": "34359738368",
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "tags": [
                {
                    "CreatedOn": "08/03/2021 17:06:13"
                }
            ],
            "associatedServicePlans": []
        }
    ]
}
```


Response Parameters	• Result:
	  ○ entityId
	  ○ diskName
	  ○ uniqueId

	○ diskId ○ name ○ resourceGroupName ○ location ○ skuName ○ skuTier ○ osType ○ provisioningState ○ diskSizeGB ○ diskState ○ createOption ○ imageReferenceId ○ sourceResourceId ○ diskIOPSReadWrite ○ diskMBpsReadWrite ○ encryptionType ○ diskSizeBytes ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.25 Get Nics

Table 56 - API: GET AZURE Nics

Element	Description
API	GetAzureNIC
Description	API returns AZURE nic(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/nics*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g., Filter="keyname='keyvalue'"

	○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "location='eastus'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 2, "records": [{ "entityId": "NIC-BC527C6B-D032-4735-B079-B925430D7651", "nicName": "lqa1024216(/subscriptions/3f853c29-f9c0-42b1-9fba-af6a407ded06/resourceGroups/RG/providers/Microsoft.Network/networkInterfaces/lqa1024216)", "name": "lqa1024216", "nicId": "/subscriptions/3f853c29-f9c0-42b1-9fba-af6a407ded06/resourceGroups/RG/providers/Microsoft.Network/networkInterfaces/lqa1024216", "resourceGuid": "9d099716-2d76-4c0e-a829-e87df71c7479", "resourceGroupName": "RG", "location": "eastus", "provisioningState": "Succeeded", "nicType": "Standard", "macAddress": "xxxxxx", "virtualMachineId": "/subscriptions/xxxxxx", "networkSecurityGroup": "", "enableAcceleratedNetworking": "false",`

```
            "enableIpForwarding": "false",
            "primary": "true",
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters	• Result: ○ entityId ○ nicName ○ name ○ nicId ○ resourceGuid ○ resourceGroupName ○ location ○ provisioningState ○ nicType ○ macAddress ○ virtualMachineId ○ networkSecurityGroup ○ enableAcceleratedNetworking ○ enableIpForwarding ○ primary ○ platformEntityId ○ associatedServicePlans

3.4.4.26 Get Nics by Service Plan

Table 57 - API: GET AZURE Nics by Service Plan

Element	Description
API	GetAzureNIC

Description	API returns AZURE nic(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/nics/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "location='eastus'","sortorder": "desc", "pagenumber": "1", "pagesize": "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 2, "records": [{ "entityId": "NIC-BC527C6B-D032-4735-B079-B925430D7651", "nicName": "lqa1024216(/subscriptions/xxxxxx)", "name": "lqa1024216", "nicId": "/subscriptions/xxxxxx",

```
            "resourceGuid": "9d099716-2d76-4c0e-a829-
e87df71c7479",
            "resourceGroupName": "RG",
            "location": "eastus",
            "provisioningState": "Succeeded",
            "nicType": "Standard",
            "macAddress": "00-0D-3A-13-AE-99",
            "virtualMachineId": "/subscriptions/3f853c29-
f9c0-42b1-9fba-
af6a407ded06/resourceGroups/RG/providers/Microsoft.Comput
e/virtualMachines/LQA1024",
            "networkSecurityGroup": "",
            "enableAcceleratedNetworking": "false",
            "enableIpForwarding": "false",
            "primary": "true",
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters

- Result:
  - entityId
  - nicName
  - name
  - nicId
  - resourceGuid
  - resourceGroupName
  - location
  - provisioningState
  - nicType
  - macAddress
  - virtualMachineId

	○ networkSecurityGroup ○ enableAcceleratedNetworking ○ enableIpForwarding ○ primary ○ platformEntityId ○ associatedServicePlans

3.4.4.27 Get Snapshots

Table 58 - API: GET AZURE Snap shots

Element	Description
API	GetAzureSnapshots
Description	API returns AZURE snapshot(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/snapshots*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "location='westeurope'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: {

```
    "totalRecords": 1,
    "records": [
        {
            "entityId": "SNAP-7A333840-E080-4CEB-B43F-
976151DB1900",
            "snapshotId": "/subscriptions/xxxxxx",
            "name": "CRHVMGMSUSP003-OSDisk-TBD-31-jan-
2022",
            "location": "westeurope",
            "resourceGroupName": "CITISHAREDSERVICES-WE-
P-APP-RG",
            "skuName": "Standard_LRS",
            "skuTier": "Standard",
            "osType": "Windows",
            "provisioningState": "Succeeded",
            "diskSizeGB": "128",
            "diskState": "Unattached",
            "createOption": "Copy",
            "imageReferenceId": "",
            "sourceResourceId": "/subscriptions/50f13d47-
2873-4d19-a5de-
583677a7c591/resourceGroups/CITISHAREDSERVICES-WE-P-APP-
RG/providers/Microsoft.Compute/disks/CRHVMGMSUSP003_OSDIS
K_001",
            "encryptionType": "EncryptionAtRestWithPlatfo
rmKey",
            "incremental": "false",
            "networkAccessPolicy": "AllowAll",
            "diskSizeBytes": "137438953472",
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "tags": [
                {
                    "Application_x0020_Name": "CITIAPP"
                },
                {
                    "Application_x0020_Owner": "CRH"
                },
                {
```

```
                    "Application_x0020_Priority": "Critic
al"
                },
                {
                    "Compliance": "Numberne"
                },
                {
                    "Cost_x0020_Center": "CITI"
                },
                {
                    "Description": "CITI SHAREDSERVICES A
PP"
                },
                {
                    "Environment": "PRD"
                },
                {
                    "role": "CITIAPP"
                }
            ],
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters

- Result:
  - entityId
  - snapshotId
  - name
  - location
  - resourceGroupName
  - skuName
  - skuTier
  - osType

	○ provisioningState ○ diskSizeGB ○ diskState ○ createOption ○ imageReferenceId ○ sourceResourceId ○ encryptionType ○ incremental ○ networkAccessPolicy ○ diskSizeBytes ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.28 Get Snap shots By Service Plan

Table 59 - API: GET AZURE Snap Shots by Service Plan

Element	Description
API	GetAzureSnapshots
Description	API returns AZURE snapshot(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/snapshots/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "location='westeurope'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 1, "records": [{ "entityId": "SNAP-7A333840-E080-4CEB-B43F-976151DB1900", "snapshotId": "/subscriptions/50f13d47-2873-4d19-a5de-583677a7c591/resourceGroups/CITISHAREDSERVICES-WE-P-APP-RG/providers/Microsoft.Compute/snapshots/CRHVMGMSUSP003-OSDisk-TBD-31-jan-2022", "name": "CRHVMGMSUSP003-OSDisk-TBD-31-jan-2022", "location": "westeurope", "resourceGroupName": "CITISHAREDSERVICES-WE-P-APP-RG", "skuName": "Standard_LRS", "skuTier": "Standard", "osType": "Windows", "provisioningState": "Succeeded", "diskSizeGB": "128", "diskState": "Unattached", "createOption": "Copy", "imageReferenceId": "", "sourceResourceId": "/subscriptions/50f13d47-2873-4d19-a5de-583677a7c591/resourceGroups/CITISHAREDSERVICES-WE-P-APP-RG/providers/Microsoft.Compute/disks/CRHVMGMSUSP003_OSDISK_001",`

```
            "encryptionType": "EncryptionAtRestWithPlatfo
rmKey",
            "incremental": "false",
            "networkAccessPolicy": "AllowAll",
            "diskSizeBytes": "137438953472",
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
            "tags": [
                {
                    "Application_x0020_Name": "CITIAPP"
                },
                {
                    "Application_x0020_Owner": "CRH"
                },
                {
                    "Application_x0020_Priority": "Critic
al"
                },
                {
                    "Compliance": "Numberne"
                },
                {
                    "Cost_x0020_Center": "CITI"
                },
                {
                    "Description": "CITI SHAREDSERVICES A
PP"
                },
                {
                    "Environment": "PRD"
                },
                {
                    "role": "CITIAPP"
                }
            ],
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
```

```
                    }
                ]
            }
        ]
}
```


Response Parameters	• Result: ○ entityId ○ snapshotId ○ name ○ location ○ resourceGroupName ○ skuName ○ skuTier ○ osType ○ provisioningState ○ diskSizeGB ○ diskState ○ createOption ○ imageReferenceId ○ sourceResourceId ○ encryptionType ○ incremental ○ networkAccessPolicy ○ diskSizeBytes ○ platformEntityId ○ tags ○ associatedServicePlans

3.4.4.29 Get IP Configuration

Table 60 - API: GET AZURE Ip Configurations

Element	Description
API	GetAzureIPConfigurations
Description	API returns AZURE Ipconfiguration(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/ipConfigurations*

URL Parameters (fields in curly {} braces)	• **endPointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "nicname='HCL BigFix CLM win264'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "entityId": "IPCONFIG-005C82F4-E10E-4B74-9C31-D0FAE8CE8DA7", "nicName": "HCL BigFix CLMwin264", "name": "RG", "nicResourceGuid": "45cd71b4-94f2-422e-86b2-edf8a021ecbc", "ipConfigurationId": "W/\"10ee5e17-2c7a-4858-b5a2-5379c6eaa917\"", "resourceGroupName": "/subscriptions/3f853c29-f9c0-42b1-9fba-af6a407ded06/resourceGroups/RG/providers/Microsoft.Network/networkInterfaces/win264/ipConfigurations/ipconfig1", "eTag": "Succeeded",

```
            "privateIpAddress": "Dynamic",
            "privateIpAllocationMethod": "/subscriptions/
3f853c29-f9c0-42b1-9fba-
af6a407ded06/resourceGroups/RG/providers/Microsoft.Networ
k/virtualNetworks/RG-vnet/subnets/common-sub",
            "subnetId": "true",
            "primary": "IPv4",
            "enableIpForwarding": "",
            "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2"
        }
    ]
}
```


Response Parameters

- Result:
  - entityId
  - nicName
  - name
  - nicResourceGuid
  - ipConfigurationId
  - resourceGroupName
  - eTag
  - privateIpAddress
  - privateIpAllocationMethod
  - subnetId
  - primary
  - enableIpForwarding
  - platformEntityId

3.4.4.30 Get Sizes

Table 61 - API: GET AZURE Sizes

Element	Description
API	GetAzureSizes
Description	API returns AZURE size(s).
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/sizes*

URL Parameters (fields in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:
	• **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"
	  ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".
	  ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1"
	  ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"
	For e.g. {"filter": "sizeID='9'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "entityId": "SIZE-F445CDDA-065A-4DB0-82F3-CE57D3EA571E", "azureRoleSize": "Basic_A0", "sizeDescription": "Basic_A0 (CPUCores:1, Memory: 0.75 GB)", "sizeId": "9", "tierCode": "BASIC", "cpuCores": "1", "memory": "0.75", "memoryUnit": "GB", "diskTypes": "OS, Temporary", "diskSizes": "1023,20", "additionalDiskSizeTB": "1", "maxNumberOfDisksAllowed": "1", "maxIOPS": "0", "iopsPerDisk": "0",

	"size": "A0" }] }
Response Parameters	• Result: ○ entityId ○ azureRoleSize ○ sizeDescription ○ sizeId ○ tierCode ○ cpuCores ○ memory ○ memoryUnit ○ diskTypes ○ diskSizes ○ additionalDiskSizeTB ○ maxNumberOfDisksAllowed ○ maxIOPS ○ iopsPerDisk ○ size

3.4.4.31 Reserve Azure Ips

Table 62 - API: Reserve AZURE Ips

Element	Description
API	ReserveAndGetAzureFreeIpDetails
Description	This API Reserves and returns IPaddress for an object i.e. IP will be blocked in passed subnet.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/subnets/{subnetEntityId}/freeIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **subnetEntityId (Mandatory)**: This parameter represents the subnet entity id for which IPs are to be fetched.

Body Parameters	<pre>{
	  "ObjectID": "",
	  "NICPrefix": ""
	}</pre>

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	<pre>{
	  "subnetName": "test",
	  "ipAddress": "xxxxxx",
	  "subnetMask": "xxxxxx",
	  "defaultGateway": "xxxxxx",
	  "networkType": "NET_T1"
	}</pre>

Response Parameters	• Result:
	  ○ SubnetName
	  ○ ipAddress
	  ○ subnetmask
	  ○ defaultGateway
	  ○ networkType

3.4.4.32 Release Azure Ips

Table 63 - API: Release AZURE Ips

Element	Description
API	ReleaseIP
Description	API Releases blocked/reserved IPaddress.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/provisioningEndPoints/{endpointId}/subnets/{subnetEntityId}/releaseIps*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **subnetEntityId (Mandatory)**: This parameter represents the subnet entity id for which IPs are to be fetched.
Body Parameters	`{ "IPAddress": "xxxxxx" }`
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Success`
Response Parameters	• Result:

3.4.4.33 Get Disk Types by Size Name

Table 64 - API: GET AZURE Disk Types by Size Name

Element	Description
API	GetArmDiskType
Description	API returns AZURE disktype(s) against size.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/disktypes/sizes/{sizeName}*
URL Parameters (fields in curly {} braces)	• sizeName (Mandatory): SizeName • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g., Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "code='HDD'","sortorder": "desc", "pagenumber": "1", "pagesize": "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 1,
	"records": [
	{
	"code": "HDD",
	"name": "Standard_LRS"
	}
	]
	}

Response Parameters	• Result: ○ code ○ name

3.4.4.34 Get Disk Types

Table 65 - API: GET AZURE DiskTypes

Element	Description
API	GetArmDiskType
Description	API returns AZURE disktype(s).
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/disktypes*
URL Parameters (fields in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1"

	○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "code='HDD'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 1, "records": [ { "code": "HDD", "name": "Standard_LRS" } ] }`
Response Parameters	• Result: ○ code ○ name

3.4.4.35 Allocate Sizes to Region

Table 66 - API: Allocate AZURE Sizes to Organization

Element	Description
API	AllocateSizeToOrganisation
Description	API Allocate instance size(s) to a region for an organization. API is acessible to provider users.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/azure/organizations/{organizationCode}/regions/{regionName}/sizes*
URL Parameters (fields in curly {} braces)	• organizationCode (Mandatory): Represents Organization Code from Manage Organization Screen. • regionName (Mandatory): Name of the region.

Body Parameters	<pre>{
	"sizeId":""
	}</pre>

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: <pre>Success</pre>
Response Parameters	

3.4.5 CI

3.4.5.1 Get ALL CIs

Table 67 - API: Get All CI Details

Element	Description
API	Getallcidetails
Description	This API returns all records of CI of an organization. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci?queryParams={"filter":"ObjectId='TESTVM1'","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000"}*
URL Parameters (test in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g., Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "cityName='Virginia'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization Key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 1, "records": [{ "ciId": 225, "objectId": "TestVM", "platformEntityId": "ARM-2C38BDC3-1695-4175-B6EC-BFCA0F89F341", "objectStatus": "NEW", "userName": "", "requestNumber": 0, "itemNumber": 1, "platformName": "ARM", "userEntityID": "", "userEmail": "", "objectType": "VM", "displayName": "", "resourceGroup": "", "primaryIP": "", "machineName": "", "vmDisplayName": "", "actualDiskJSON": "", "tierName": "", "storageName": "", "regionName": "", "elbName": "", "recoveryValut": "", "policyName": "", "locationName": "", "isAvailabilitySet": "",

```
        "availabilitySet": "",
        "provisionDate": "02/22/2022",
        "templateType": "",
        "decommisionDate": "03/16/2022",
        "size": "",
        "privateDNS": "",
        "publicDNS": "",
        "servicePlanId": "",
        "networkName": "",
        "primarySubnet": "",
        "leasePeriod": "",
        "powerStatus": "",
        "memoryInMB": "",
        "ipAddress": "",
        "computerName": "",
        "osDiskSize": "",
        "dataDisk1Size": "",
        "dataDisk2Size": "",
        "dataDisk3Size": "",
        "dataDisk4Size": "",
        "dataDisk5Size": "",
        "numberOfCPCU": "",
        "customField1": "test",
        "customField2": "",
        "customField3": "",
        "customField4": "",
        "customField5": "",
        "customField6": "",
        "customField7": "",
        "customField8": "",
        "customField9": "",
        "customField10": "",
        "isBackup": " ",
        "isEnableMonitoring": " ",
        "diskType": "",
        "isImported": "N",
        "keyPair": "",
        "dataCenterName": "",
        "clusterName": "",
```

```
        "hostName": "",
        "os": "",
        "primaryDefault": "",
        "backupIP": "",
        "backupDefault": "",
        "backupSubnet": "",
        "machineStatus": "4",
        "vpcName": "",
        "securityGroup": "",
        "cloudName": "",
        "tags": "",
        "networkDetails": "",
        "objectJson": "",
        "customField11": "",
        "customField12": "",
        "customField13": "",
        "customField14": "",
        "customField15": "",
        "customField16": "",
        "customField17": "",
        "customField18": "",
        "customField19": "",
        "customField20": ""
      }
   ]
}
```


Response Parameters

- totalRecords
- records –json of all columns of CI.


```
        "ciId": 225,
        "objectId": "TestVM",
        "platformEntityId": "ARM-2C38BDC3-1695-4175-
B6EC-BFCA0F89F341",
        "objectStatus": "NEW",
        "userName": "",
        "requestNumber": 0,
        "itemNumber": 1,
        "platformName": "ARM",
        "userEntityID": "",
```

```
        "userEmail": "",
        "objectType": "VM",
        "displayName": "",
        "resourceGroup": "",
        "primaryIP": "",
        "machineName": "",
        "vmDisplayName": "",
        "actualDiskJSON": "",
        "tierName": "",
        "storageName": "",
        "regionName": "",
        "elbName": "",
        "recoveryValut": "",
        "policyName": "",
        "locationName": "",
        "isAvailabilitySet": "",
        "availabilitySet": "",
        "provisionDate": "02/22/2022",
        "templateType": "",
        "decommisionDate": "03/16/2022",
        "size": "",
        "privateDNS": "",
        "publicDNS": "",
        "servicePlanId": "",
        "networkName": "",
        "primarySubnet": "",
        "leasePeriod": "",
        "powerStatus": "",
        "memoryInMB": "",
        "ipAddress": "",
        "computerName": "",
        "osDiskSize": "",
        "dataDisk1Size": "",
        "dataDisk2Size": "",
        "dataDisk3Size": "",
        "dataDisk4Size": "",
        "dataDisk5Size": "",
        "numberOfCPCU": "",
        "customField1": "test",
```

```
        "customField2": "",
        "customField3": "",
        "customField4": "",
        "customField5": "",
        "customField6": "",
        "customField7 "",
        "customField8
        "customField9
        "customField10
        "isBackup
        "isEnableMonitoring
        "diskType
        "isImported
        "keyPair
        "dataCenterName
        "clusterName
        "hostName
        "os
        "primaryDefault
        "backupIP
        "backupDefault
        "backupSubnet
        "machineStatus
        "vpcName
        "securityGroup
        "cloudName
        "tags"
        "networkDetails
        "objectJson
        "customField11
        "customField12
        "customField13
        "customField14
        "customField15
        "customField16
        "customField17
        "customField18
        customField19
        customField20
```

3.4.5.2 Save CI

Table 68 - API: Save CI Record with CI Relationship

Element	Description
API	Saveci
Description	This API Create new CI record in HCL BigFix CLM database. Objectid, objecttype, requestnumber and itemnumber are mandatory parameters for a CI record. * Refer Accessibility Matrix for permission.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci*

Body Parameters	<pre>{
	"objectId":"testVM_new",
	"objectType":"VM",
	"requestNumber":"1",
	"itemnumber":"1",
	“ciRelatedIDs”:”1,2",
	"parentobjectId":"testVMs",
	"parentObjectType":"VM"
	}</pre>
	Minimum mandatory fields for Insert
	<pre>{
	"objectId":"testVMsonal_new",
	"objectType":"VM",
	"requestNumber":"1",
	"itemnumber":"1",
	}</pre>
	• Objectid (Mandatory): Unique Id of resource.
	• Objecttype: (Mandatory): Type of resource.
	• **ciRelatedIDs :(Optional):** If a user wants to establish a relationship of a saved CI with an existing CI, then the user needs to provide CI ids separated with comma (1,2,3) in Json.
	• **parentobjectId :(Optional):** Name of object to make a parent of added CI.

	• parentObjectType:(Optional): Type of object.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "ciId": "287" }`
Response Parameters	• CiId

3.4.5.3 Update CI

Table 69 - API: Save CI Record with CI Relationship Details

Element	Description
API	UpdateCi
Description	This API Update a CI record in HCL BigFix CLM database. CI records will be identified and updated based on ObjectId and ObjectType parameters. * Refer Accessibility Matrix for permission.
Method	PUT
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci*

Body Parameters	`{ "ObjectID":"testvmsoggnalss1111", "ObjectType":"VM", }`
	Mandatory fields for Update
	`{ "objectid":"sonalvm20", "objecttype":"VM" }`
	• Objectid (Mandatory): Unique Id of resource.

	• Objecttype: (Mandatory): Type of resource. • **Cirelatedids:** If a user wants to establish a relationship of a saved CI with an existing CI, then the user needs to provide CI ids separeted with comma (1,2,3) in Json.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "ciId": "287" }`
Response Parameters	• CiId

3.4.5.4 Get CI Details Based on CIID

Table 70 - API: CI Details Based on CIID

Element	Description
API	GetCIdetailsbyCiid
Description	This API Returns CI details by CiId parameter. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/ciId/{ciId}*
URL Parameters (test in curly {} braces)	• **ciId(Mandatory)**: This is a unique identifier of CI Details HCL BigFix CLM. User gets the cimasterid at the time of Insert/Update the CI data using save CI API.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:


```
{
  "ciId": 282,
  "objectId": "testvmsoggnalss1111",
  "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-
8EB1D06F55D2",
  "objectStatus": "NEW",
  "userName": "hclrequester@hcl.com",
  "requestNumber": 1,
  "itemNumber": 1,
  "platformName": "ARM",
  "userEntityID": "USER-870AF6A3-5DB1-45D1-A314-
5DDB43EC0935",
  "userEmail": "hclrequester@hcl.com",
  "objectType": "VM",
  "displayName": "",
  "resourceGroup": "",
  "primaryIP": "",
  "machineName": "",
  "vmDisplayName": "",
  "actualDiskJSON": "",
  "tierName": "",
  "storageName": "",
  "regionName": "eastus",
  "elbName": "",
  "recoveryValut": "",
  "policyName": "",
  "locationName": "",
  "isAvailabilitySet": "",
  "availabilitySet": "",
  "provisionDate": "03/25/2022",
  "templateType": "",
  "decommisionDate": "",
  "size": "",
  "privateDNS": "",
  "publicDNS": "",
  "servicePlanId": "",
  "networkName": "",
```

```
"primarySubnet": "",
"leasePeriod": "",
"powerStatus": "",
"memoryInMB": "",
"ipAddress": "",
"computerName": "",
"osDiskSize": "",
"dataDisk1Size": "",
"dataDisk2Size": "",
"dataDisk3Size": "",
"dataDisk4Size": "",
"dataDisk5Size": "",
"numberOfCPCU": "",
"customField1": "test",
"customField2": "",
"customField3": "",
"customField4": "",
"customField5": "",
"customField6": "",
"customField7": "",
"customField8": "",
"customField9": "",
"customField10": "",
"isBackup": " ",
"isEnableMonitoring": " ",
"diskType": "",
"isImported": "N",
"keyPair": "",
"dataCenterName": "",
"clusterName": "",
"hostName": "",
"os": "Linux",
"primaryDefault": "",
"backupIP": "",
"backupDefault": "",
"backupSubnet": "",
"machineStatus": "4",
"vpcName": "",
"securityGroup": "",
```

<table>
<tr><td></td><td>

```
  "cloudName": "",
  "tags": "",
  "networkDetails": "",
  "objectJson": "",
  "customField11": "",
  "customField12": "",
  "customField13": "",
  "customField14": "",
  "customField15": "",
  "customField16": "",
  "customField17": "",
  "customField18": "",
  "customField19": "",
  "customField20": ""
}
```

</td></tr>
<tr><td>Response Parameters</td><td>

- cild
- objectId
- platformEntityId
- objectStatus
- userName
- requestNumber
- itemNumber
- platformName
- userEntityID
- userEmail
- objectType
- displayName
- resourceGroup
- primaryIP
- machineName
- vmDisplayName
- actualDiskJSON
- tierName
- storageName
- regionName
- elbName

</td></tr>
</table>

- recoveryValut
- policyName
- locationName
- isAvailabilitySet
- availabilitySet
- provisionDate
- templateType
- decommisionDate
- size
- privateDNS
- publicDNS
- servicePlanId
- networkName
- primarySubnet
- leasePeriod
- powerStatus
- memoryInMB ",
- ipAddress
- computerName
- osDiskSize
- dataDisk1Size
- dataDisk2Size
- dataDisk3Size
- dataDisk4Size
- dataDisk5Size
- numberOfCPCU
- customField1
- customField2
- customField3
- customField4
- customField5
- customField6
- customField7
- customField8

	• customField9 • customField10 • isBackup • isEnableMonitoring • diskType • isImported • keyPair • dataCenterName • clusterName • hostName • os • primaryDefault • backupIP • backupDefault • backupSubnet • machineStatus • vpcName • securityGroup • cloudName • tags • networkDetails • objectJson • customField11 • customField12 • customField13 • customField14 • customField15 • customField16 • customField17 • customField18 • ustomField19 • customField20

3.4.5.5 Get CI Details (objectid and Objecttype)

Table 71 - API: Get CI Details by Objected and ObjectType

Element	Description
API	GetciDetailsbyObjectIdandObjectType
Description	This API Returns CI detail based on ObjectId and ObjectType. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/objectId/{objectId}/objectType/{objectType}*
URL Parameters (test in curly {} braces)	• **objectId(Mandatory)**: This is a unique identifier of a resource name, like Virtual machine Name which is stored as objectid in CI of HCL BigFix CLM. • **objectType (Mandatory)**: Displays the Type of the Infrastructure resource like for Virtual Machine object type, it will be "VM", for Load Balancer, it will be "LB" etc..
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "ciId": 282, "objectId": "testvmsoggnalss1111", "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-8EB1D06F55D2", "objectStatus": "NEW", "userName": "hclrequester@hcl.com", "requestNumber": 1, "itemNumber": 1, "platformName": "ARM", "userEntityID": "USER-870AF6A3-5DB1-45D1-A314-5DDB43EC0935", "userEmail": "hclrequester@hcl.com", "objectType": "VM", "displayName": "", "resourceGroup": "", "primaryIP": "", "machineName": "",

```
"vmDisplayName": "",
"actualDiskJSON": "",
"tierName": "",
"storageName": "",
"regionName": "eastus",
"elbName": "",
"recoveryValut": "",
"policyName": "",
"locationName": "",
"isAvailabilitySet": "",
"availabilitySet": "",
"provisionDate": "03/25/2022",
"templateType": "",
"decommisionDate": "",
"size": "",
"privateDNS": "",
"publicDNS": "",
"servicePlanId": "",
"networkName": "",
"primarySubnet": "",
"leasePeriod": "",
"powerStatus": "",
"memoryInMB": "",
"ipAddress": "",
"computerName": "",
"osDiskSize": "",
"dataDisk1Size": "",
"dataDisk2Size": "",
"dataDisk3Size": "",
"dataDisk4Size": "",
"dataDisk5Size": "",
"numberOfCPCU": "",
"customField1": "test",
"customField2": "",
"customField3": "",
"customField4": "",
"customField5": "",
"customField6": "",
"customField7": "",
```

```
  "customField8": "",
  "customField9": "",
  "customField10": "",
  "isBackup": " ",
  "isEnableMonitoring": " ",
  "diskType": "",
  "isImported": "N",
  "keyPair": "",
  "dataCenterName": "",
  "clusterName": "",
  "hostName": "",
  "os": "Linux",
  "primaryDefault": "",
  "backupIP": "",
  "backupDefault": "",
  "backupSubnet": "",
  "machineStatus": "4",
  "vpcName": "",
  "securityGroup": "",
  "cloudName": "",
  "tags": "",
  "networkDetails": "",
  "objectJson": "",
  "customField11": "",
  "customField12": "",
  "customField13": "",
  "customField14": "",
  "customField15": "",
  "customField16": "",
  "customField17": "",
  "customField18": "",
  "customField19": "",
  "customField20": ""
}
```


Response Parameters

- cild
- objectId
- platformEntityId
- objectStatus

- userName
- requestNumber
- itemNumber
- platformName
- userEntityID
- userEmail
- objectType
- displayName
- resourceGroup
- primaryIP
- machineName
- vmDisplayName
- actualDiskJSON
- tierName
- storageName
- regionName
- elbName
- recoveryValut
- policyName
- locationName
- isAvailabilitySet
- availabilitySet
- provisionDate
- templateType
- decommisionDate
- size
- privateDNS
- publicDNS
- servicePlanId
- networkName
- primarySubnet
- leasePeriod
- powerStatus
- memoryInMB ",

- ipAddress
- computerName
- osDiskSize
- dataDisk1Size
- dataDisk2Size
- dataDisk3Size
- dataDisk4Size
- dataDisk5Size
- numberOfCPCU
- customField1
- customField2
- customField3
- customField4
- customField5
- customField6
- customField7
- customField8
- customField9
- customField10
- isBackup
- isEnableMonitoring
- diskType
- isImported
- keyPair
- dataCenterName
- clusterName
- hostName
- os
- primaryDefault
- backupIP
- backupDefault
- backupSubnet
- machineStatus
- vpcName

	• securityGroup • cloudName • tags • networkDetails • objectJson • customField11 • customField12 • customField13 • customField14 • customField15 • customField16 • customField17 • customField18 • ustomField19 • customField20

3.4.5.6 Get Associated Requests of Ci

Table 72 - API: Get All Requests Associated with Ci

Element	Description
API	Associated RequestsOfCI
Description	Returns all requests associated with CI. The list contains both provisioning and action requests. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/cild/{cild}/requests?queryParams={"filter":"requestnumber=1","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (fields in curly {} braces)	• **cild (Mandatory)**: This is a unique identifier of objectid created in HCL BigFix CLM. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"

	○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "cityName='Virginia'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 1,
	"records": [
	{
	"requestNumber": 1,
	"itemNumber": 1,
	"requestDetailId": 1,
	"requestedBy": "hclrequester@hcl.com",
	"requestedFor": "",
	"requestedDate": "2022-02-22T18:40:20.85",
	"status": "Fulfilment In-Progress",
	"requestType": "Provisioning"
	}
	]
	}

Response Parameters	• totalRecords: • records • requestNumber • itemNumber • requestDetailId • requestedBy • requestedFor • requestedDate • status • requestType

Table 73 - API: Get All Requests Associated of Objectid And Objecttype

Element	Description
API	AssociatedRequestsOfObjectidandObjectType
Description	Returns all requests associated with CI.CI is filtered by ObjectId and ObjectType, list contains both provisioning and action requests. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/objectId/{objectId}/objectType/{objectType}/requests?queryParams={"filter":"requestnumber=1","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (fields in curly {} braces)	• **objectId(Mandatory)**: This is a unique identifier of a resource name, like Virtual machine Name which is stored as objectid in CI of HCL BigFix CLM. • **objectType (Mandatory)**: Displays the Type of the Infrastructure resource like for Virtual Machine object type it will be "VM", for Load Balancer it will be "LB" etc.. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "cityName='Virginia'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 1, "records": [

	{
	"requestNumber": 1,
	"itemNumber": 1,
	"requestDetailId": 1,
	"requestedBy": "hclrequester@hcl.com",
	"requestedFor": "",
	"requestedDate": "2022-02-22T18:40:20.85",
	"status": "Fulfilment In-Progress",
	"requestType": "Provisioning"
	}
	]
	}

Response Parameters	• Result: (json) • Errormessage • Message • Status

3.4.5.8 Get Transferownership History of CI

Table 74 - API: Get Ownership History of CI

Element	Description
API	GetTransferOwnershipHistory
Description	Returns Ownership history of CI. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/CI/v3/ci/cild/{cild}/ownershipHistory*
URL Parameters (fields in curly {} braces)	• **cild (Mandatory)**: This is a unique identifier of objectid created in HCL BigFix CLM.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{

```
"objectId": "mcl-test-1103-001-default",
"owner": "requester@hcl.com",
"transferHistory": [
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-14T17:15:01.323"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-14T18:36:55.12"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-14T18:36:58.667"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-14T18:37:01.133"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-14T18:37:30.15"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-14T18:40:28.933"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-14T18:41:13.933"
  },
  {
```

```
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-14T18:52:22.357"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-14T18:53:11.62"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-15T08:40:04.843"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-15T09:56:31.29"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-15T09:57:41.62"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-15T09:57:49.997"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-15T09:58:16.677"
  },
  {
    "from": "requester@hcl.com",
    "to": "requester@hcl.com",
    "date": "2022-03-15T09:59:41.297"
  },
```

```
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-15T10:05:04.44"
    },
    {
      "from": "requester@hcl.com",
      "to": "hclrequester@hcl.com",
      "date": "2022-03-17T16:26:55.477"
    },
    {
      "from": "hclrequester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-24T19:06:19.54"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-24T19:06:47.997"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-24T19:07:05.55"
    }
  ]
}
}
```


Response Parameters	• objectId • owner • transferHistory • from • to • date

3.4.5.9 Get Transferownership History of ObjectId and ObjectType

Table 75 - API: Get Ownership History of ObjectId and ObjectType

Element	Description
API	GetTransferOwnershipHistoryofObjectIdandObjectType
Description	This API Returns Ownership history of CI. CI is filtered with ObjectId and ObjectType. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/CI/v3/ci/objectId/{objectId}/objectType/{objectType}/ownershipHistory*
URL Parameters (fields in curly {} braces)	• **objectId(Mandatory)**: This is a unique identifier of a resource name, like Virtual machine Name which is stored as objectid in CI of HCL BigFix CLM. • **objectType (Mandatory)**: Displays the Type of the Infrastructure resource like for Virtual Machine object type it will be "VM", for Load Balancer it will be "LB" etc..
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "objectId": "mcl-test-1103-001-default", "owner": "requester@hcl.com", "transferHistory": [{ "from": "requester@hcl.com", "to": "requester@hcl.com", "date": "2022-03-14T17:15:01.323" }, { "from": "requester@hcl.com", "to": "requester@hcl.com", "date": "2022-03-14T18:36:55.12" }, { "from": "requester@hcl.com", "to": "requester@hcl.com", "date": "2022-03-14T18:36:58.667"

```
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-14T18:37:01.133"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-14T18:37:30.15"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-14T18:40:28.933"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-14T18:41:13.933"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-14T18:52:22.357"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-14T18:53:11.62"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-15T08:40:04.843"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
```

```
      "date": "2022-03-15T09:56:31.29"
    },
    {
      "from": "requestezzzr@zzhcl.com",
      "to": "requestezzr@zzhcl.com",
      "date": "2022-03-15T09:57:41.62"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-15T09:57:49.997"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-15T09:58:16.677"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-15T09:59:41.297"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-15T10:05:04.44"
    },
    {
      "from": "requester@hcl.com",
      "to": "hclrequester@hcl.com",
      "date": "2022-03-17T16:26:55.477"
    },
    {
      "from": "hclrequester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-24T19:06:19.54"
    },
    {
      "from": "requester@hcl.com",
```

```
      "to": "requester@hcl.com",
      "date": "2022-03-24T19:06:47.997"
    },
    {
      "from": "requester@hcl.com",
      "to": "requester@hcl.com",
      "date": "2022-03-24T19:07:05.55"
    }
  ]
}": null
}
```


Response Parameters	• objectId • owner • transferHistory • from • to • date

3.4.5.10 Lease Change Of CI

Table 76 - API: Lease Change of Ci

Element	Description
API	LeasechangeofCi
Description	This API Updates lease date for a CI. * Refer Accessibility Matrix for permission.
Method	PATCH
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/cild/{cild}/leaseChange*
URL Parameters (fields in curly {} braces)	• **cild (Mandatory)**: This is a unique identifier of objectid created in HCL BigFix CLM.

Body Parameters	{
	"leaseDate": "2022-04-26T05:07:35.394Z"
	}
	• **leaseDate: (Mandatory):** It is the date of lease date for the objectid.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.5.11 Lease Change of ObjectId and ObjectType

Table 77 - API: Lease Change of ObjectId and ObjectType

Element	Description
API	LeasechangeofobjectIdandObjectType
Description	This API Updates lease date for a CI. CI is filtered with ObjectId and ObjectType. * Refer Accessibility Matrix for permission.
Method	PATCH
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/objectId/{objectId}/objectType/{objectType}/leaseChange*
URL Parameters (fields in curly {} braces)	• **objectId(Mandatory)**: This is a unique identifier of a resource name, like Virtual machine Name which is stored as objectid in CI of HCL BigFix CLM. • **objectType (Mandatory)**: Displays the Type of the Infrastructure resource like for Virtual Machine object type it will be "VM", for Load Balancer it will be "LB" etc..
Body Parameters	`{ "leaseDate": "2022-04-26T05:07:35.394Z" }` • **Leasedate: (Mandatory):** It is the date of lease date for the objectid.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response: `"Success"`
Response Parameters	

3.4.5.12 Transfer Ownership to Object

Table 78 - API: Transfer Ownership to object

Element	Description
API	Transferobject
Description	This API Updates ownership of a CI (Transfer Ownership). CI is filtered either by CiId or by ObjectId and ObjectType. refer to the role matrix mentioned at the bottom of document.
Method	PUT
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/ownerships*
URL Parameters (fields in curly {} braces)	NA

Body Parameters	SET one with Ciid
	[
	{
	"ciId": 282,
	"transferToEmailId": "requester@hcl.com"
	},
	{
	"ciId": 265,
	
	"transferToEmailId": "requester@hcl.com"
	}
	]
	Set Two with objectId and ObjectType
	[
	{
	"objectId": "string",
	"objectType": "string",

	<pre>"transferToEmailId": "string"
	}
	]</pre>
	Users can pass either cild or objected and objectType combination.
	
	• **cild (Mandatory)**: This is a unique identifier of objectid created in HCL BigFix CLM.
	• **objectId(Mandatory)**: This is a unique identifier of a resource name, like Virtual machine Name which is stored as objectid in CI of HCL BigFix CLM.
	• **objectType (Mandatory)**: Displays the Type of the Infrastructure resource like for Virtual Machine object type it will be "VM", for Load Balancer it will be "LB" etc.
	• **transferToEmailId (Mandatory):** User email address to transfer ownership of object (CI)

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: <pre>"Success"</pre>
Response Parameters	

3.4.5.13 Get Relationship of CI

Table 79 - API: Get All Associated Cis of CI

Element	Description
API	Getcirelationship
Description	API Returns associated CIs for a CI Object (Parent/Child relationship of CI). * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/cild/{cild}/ciRelationships*
URL Parameters (test in curly {} braces)	• **cild (Mandatory)**: This is a unique identifier of objectid created in HCL BigFix CLM.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	


```
{
  "ciId": 285,
  "objectId": "testVMs",
  "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-
8EB1D06F55D2",
  "objectStatus": "NEW",
  "userName": "hclrequester@hcl.com",
  "requestNumber": 1,
  "itemNumber": 1,
  "platformName": "ARM",
  "userEntityID": "USER-870AF6A3-5DB1-45D1-A314-
5DDB43EC0935",
  "userEmail": "hclrequester@hcl.com",
  "objectType": "VM",
  "displayName": "",
  "resourceGroup": "",
  "primaryIP": "",
  "machineName": "",
  "vmDisplayName": "",
  "actualDiskJSON": "",
  "tierName": "",
  "storageName": "",
  "regionName": "eastus",
  "elbName": "",
  "recoveryValut": "",
  "policyName": "",
  "locationName": "",
  "isAvailabilitySet": "",
  "availabilitySet": "",
  "provisionDate": "2022-04-26",
  "templateType": "",
  "decommisionDate": "",
```

```
  "size": "",
  "privateDNS": "",
  "publicDNS": "",
  "servicePlanId": "",
  "networkName": "",
  "primarySubnet": "",
  "leasePeriod": "",
  "powerStatus": "",
  "memoryInMB": "",
  "ipAddress": "",
  "computerName": "",
  "osDiskSize": "",
  "dataDisk1Size": "",
  "dataDisk2Size": "",
  "dataDisk3Size": "",
  "dataDisk4Size": "",
  "dataDisk5Size": "",
  "numberOfCPCU": "",
  "customField1": "",
  "customField2": "",
  "customField3": "",
  "customField4": "",
  "customField5": "",
  "customField6": "",
  "customField7": "",
  "customField8": "",
  "customField9": "",
  "customField10": "",
  "isBackup": "",
  "isEnableMonitoring": "",
  "diskType": "",
  "isImported": "N",
  "keyPair": "",
  "dataCenterName": "",
  "clusterName": "",
  "hostName": "",
  "os": "Linux",
  "primaryDefault": "",
  "backupIP": "",
```

```
  "backupDefault": "",
  "backupSubnet": "",
  "machineStatus": "4",
  "vpcName": "",
  "securityGroup": "",
  "cloudName": "",
  "tags": "",
  "networkDetails": "",
  "objectJson": "",
  "customField11": "",
  "customField12": "",
  "customField13": "",
  "customField14": "",
  "customField15": "",
  "customField16": "",
  "customField17": "",
  "customField18": "",
  "customField19": "",
  "customField20": "",
  "associatedCi": [
    {
      "ciId": 286,
      "objectId": "testVMsonal_new",
      "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-
8EB1D06F55D2",
      "objectStatus": "NEW",
      "userName": "hclrequester@hcl.com",
      "requestNumber": 1,
      "itemNumber": 1,
      "platformName": "ARM",
      "userEntityID": "USER-870AF6A3-5DB1-45D1-A314-
5DDB43EC0935",
      "userEmail": "hclrequester@hcl.com",
      "objectType": "VM",
      "displayName": "",
      "resourceGroup": "",
      "primaryIP": "",
      "machineName": "",
      "vmDisplayName": "",
```

```
        "actualDiskJSON": "",
        "tierName": "",
        "storageName": "",
        "regionName": "eastus",
        "elbName": "",
        "recoveryValut": "",
        "policyName": "",
        "locationName": "",
        "isAvailabilitySet": "",
        "availabilitySet": "",
        "provisionDate": "2022-04-26",
        "templateType": "",
        "decommisionDate": "",
        "size": "",
        "privateDNS": "",
        "publicDNS": "",
        "servicePlanId": "",
        "networkName": "",
        "primarySubnet": "",
        "leasePeriod": "",
        "powerStatus": "",
        "memoryInMB": "",
        "ipAddress": "",
        "computerName": "",
        "osDiskSize": "",
        "dataDisk1Size": "",
        "dataDisk2Size": "",
        "dataDisk3Size": "",
        "dataDisk4Size": "",
        "dataDisk5Size": "",
        "numberOfCPCU": "",
        "customField1": "",
        "customField2": "",
        "customField3": "",
        "customField4": "",
        "customField5": "",
        "customField6": "",
        "customField7": "",
        "customField8": "",
```

```
      "customField9": "",
      "customField10": "",
      "isBackup": "",
      "isEnableMonitoring": "",
      "diskType": "",
      "isImported": "N",
      "keyPair": "",
      "dataCenterName": "",
      "clusterName": "",
      "hostName": "",
      "os": "Linux",
      "primaryDefault": "",
      "backupIP": "",
      "backupDefault": "",
      "backupSubnet": "",
      "machineStatus": "4",
      "vpcName": "",
      "securityGroup": "",
      "cloudName": "",
      "tags": "",
      "networkDetails": "",
      "objectJson": "",
      "customField11": "",
      "customField12": "",
      "customField13": "",
      "customField14": "",
      "customField15": "",
      "customField16": "",
      "customField17": "",
      "customField18": "",
      "customField19": "",
      "customField20": "",
      "relationType": "Child"
    }
  ]
}
```

Response Parameters	• Result: (json of all columns of CImaster and key "associatedCi" which contains associated Ci's details with key "relationType" which represents associated CI's are "Parent" or "Child" of passed CI)

3.4.5.14 Get relationship of Objectid and ObjectType

Table 80 - API: Get All CI Details based on objectId and objectType

Element	Description
API	GetcirelationshipofobjectidandObjectType
Description	API returns Returns associated CIs for a CI Object (Parent/Child relationship of CI). CI is filtered with ObjectId and ObjectType. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/objectId/{objectId}/objectType/{objectType}/ciRelationships*
URL Parameters (test in curly {} braces)	• **objectId(Mandatory)**: This is a unique identifier of a resource name, like Virtual machine Name which is stored as objectid in CI of HCL BigFix CLM. • **objectType (Mandatory)**: Displays the Type of the Infrastructure resource like for Virtual Machine object type it will be "VM", for Load Balancer it will be "LB" etc..
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "ciId": 285, "objectId": "testVMs", "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-8EB1D06F55D2", "objectStatus": "NEW", "userName": "hclrequester@hcl.com", "requestNumber": 1, "itemNumber": 1, "platformName": "ARM",

```
  "userEntityID": "USER-870AF6A3-5DB1-45D1-A314-
5DDB43EC0935",
  "userEmail": "hclrequester@hcl.com",
  "objectType": "VM",
  "displayName": "",
  "resourceGroup": "",
  "primaryIP": "",
  "machineName": "",
  "vmDisplayName": "",
  "actualDiskJSON": "",
  "tierName": "",
  "storageName": "",
  "regionName": "eastus",
  "elbName": "",
  "recoveryValut": "",
  "policyName": "",
  "locationName": "",
  "isAvailabilitySet": "",
  "availabilitySet": "",
  "provisionDate": "2022-04-26",
  "templateType": "",
  "decommisionDate": "",
  "size": "",
  "privateDNS": "",
  "publicDNS": "",
  "servicePlanId": "",
  "networkName": "",
  "primarySubnet": "",
  "leasePeriod": "",
  "powerStatus": "",
  "memoryInMB": "",
  "ipAddress": "",
  "computerName": "",
  "osDiskSize": "",
  "dataDisk1Size": "",
  "dataDisk2Size": "",
  "dataDisk3Size": "",
  "dataDisk4Size": "",
  "dataDisk5Size": "",
```

```
"numberOfCPCU": "",
"customField1": "",
"customField2": "",
"customField3": "",
"customField4": "",
"customField5": "",
"customField6": "",
"customField7": "",
"customField8": "",
"customField9": "",
"customField10": "",
"isBackup": "",
"isEnableMonitoring": "",
"diskType": "",
"isImported": "N",
"keyPair": "",
"dataCenterName": "",
"clusterName": "",
"hostName": "",
"os": "Linux",
"primaryDefault": "",
"backupIP": "",
"backupDefault": "",
"backupSubnet": "",
"machineStatus": "4",
"vpcName": "",
"securityGroup": "",
"cloudName": "",
"tags": "",
"networkDetails": "",
"objectJson": "",
"customField11": "",
"customField12": "",
"customField13": "",
"customField14": "",
"customField15": "",
"customField16": "",
"customField17": "",
"customField18": "",
```

```
  "customField19": "",
  "customField20": "",
  "associatedCi": [
    {
      "ciId": 286,
      "objectId": "testVMsonal_new",
      "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-
8EB1D06F55D2",
      "objectStatus": "NEW",
      "userName": "hclrequester@hcl.com",
      "requestNumber": 1,
      "itemNumber": 1,
      "platformName": "ARM",
      "userEntityID": "USER-870AF6A3-5DB1-45D1-A314-
5DDB43EC0935",
      "userEmail": "hclrequester@hcl.com",
      "objectType": "VM",
      "displayName": "",
      "resourceGroup": "",
      "primaryIP": "",
      "machineName": "",
      "vmDisplayName": "",
      "actualDiskJSON": "",
      "tierName": "",
      "storageName": "",
      "regionName": "eastus",
      "elbName": "",
      "recoveryValut": "",
      "policyName": "",
      "locationName": "",
      "isAvailabilitySet": "",
      "availabilitySet": "",
      "provisionDate": "2022-04-26",
      "templateType": "",
      "decommisionDate": "",
      "size": "",
      "privateDNS": "",
      "publicDNS": "",
      "servicePlanId": "",
```

```
        "networkName": "",
        "primarySubnet": "",
        "leasePeriod": "",
        "powerStatus": "",
        "memoryInMB": "",
        "ipAddress": "",
        "computerName": "",
        "osDiskSize": "",
        "dataDisk1Size": "",
        "dataDisk2Size": "",
        "dataDisk3Size": "",
        "dataDisk4Size": "",
        "dataDisk5Size": "",
        "numberOfCPCU": "",
        "customField1": "",
        "customField2": "",
        "customField3": "",
        "customField4": "",
        "customField5": "",
        "customField6": "",
        "customField7": "",
        "customField8": "",
        "customField9": "",
        "customField10": "",
        "isBackup": "",
        "isEnableMonitoring": "",
        "diskType": "",
        "isImported": "N",
        "keyPair": "",
        "dataCenterName": "",
        "clusterName": "",
        "hostName": "",
        "os": "Linux",
        "primaryDefault": "",
        "backupIP": "",
        "backupDefault": "",
        "backupSubnet": "",
        "machineStatus": "4",
        "vpcName": "",
```

```
      "securityGroup": "",
      "cloudName": "",
      "tags": "",
      "networkDetails": "",
      "objectJson": "",
      "customField11": "",
      "customField12": "",
      "customField13": "",
      "customField14": "",
      "customField15": "",
      "customField16": "",
      "customField17": "",
      "customField18": "",
      "customField19": "",
      "customField20": "",
      "relationType": "Child"
    }
  ]
}
```


Response Parameters	• Result: (json of all columns of CImaster and key "associatedCi" which contains associated Ci's details with key "relationType" which represents associated CIs are" Parent" or "Child" of passed Ci)

3.4.5.15 Remove CI Relationship

Table 81 - API: Remove CI Relationship

Element	Description
API	Removecirealtioship
Description	This API Removes CI's relationship with other CI objects.CI ids are passed as input with whom relationship needs to be removed. * Refer Accessibility Matrix for permission.
Method	PATCH
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/cild/{cild}/removeCiRelationships*
URL Parameters (fields in curly {} braces)	• **cild (Mandatory)**: This is a unique identifier of objectid created in HCL BigFix CLM.

Body Parameters	<pre>{
	"ciRelatedIds": [1,3
	
	]
	}</pre>
	• **ciRelatedIds (Mandatory):**CI ids associated to objectid.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: <pre>"Success"</pre>
Response Parameters	

3.4.5.16 Remove CI Relationship of ObjectId and ObjectType

Table 82 - API: Remove CI Relationship of ObjectId and ObjectType

Element	Description
API	RemovecirealtioshipofObjectIdandObjectType
Description	This API Removes CI's relationship with other CI objects.CI ids are passed as input with whom relationship needs to be removed. CI is filtered with ObjectId and ObjectType. * Refer Accessibility Matrix for permission.
Method	PATCH
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/objectId/{objectId}/objectType/{objectType}/removeCiRelationships*
URL Parameters (fields in curly {} braces)	• **objectId(Mandatory)**: This is a unique identifier of a resource name, like Virtual machine Name which is stored as objectid in CI of HCL BigFix CLM. • **objectType (Mandatory)**: Displays the Type of the Infrastructure resource like for Virtual Machine object type it will be "VM", for Load Balancer it will be "LB" etc..

Body Parameters	<pre>{
	"ciRelatedIds": [1,3
	]
	}</pre>

	• **ciRelatedIds (Mandatory):**CI ids associated to objected and objecttype.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.5.17 Remove Users/Rbac Groups from CI delegation List

Table 83 - API: Remove Users/Rbac Groups from CI delegation List

Element	Description
API	RemoveUsersRbacGroupsfromCIdelegationlist
Description	This API Removes Users and Rbac Groups from the CI delegation list. * Refer Accessibility Matrix for permission.
Method	DELETE
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/delegationDetails*
URL Parameters (fields in curly {} braces)	NA
Body Parameters	`[ { "ciId": 2, "delegateUsers": [ "requester@hcl.com" ], "delegateRbacGroup": [ "Requester" ] } ]`

	ciId (Mandatory): This is a unique identifier of objectid created in HCL BigFix CLM. **delegateUsers (Mandatory)**: This is requester role users to delegate on CI. Either delegateUsers or delegateRbacGroup is mandatory. **delegateRbacGroup(Mandatory)**: This is a rbac group created in HCL BigFix CLM. Either delegateUsers or delegateRbacGroup is mandatory.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.5.18 Delegate a CI to Users/Rbac Groups

Table 84 - API: Delegate a CI to Users/Rbac groups

Element	Description
API	DelegateCItoUsersRbacgroups
Description	This API delegates a CI to Users/Rbac group. * Refer Accessibility Matrix for permission.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/delegationDetails*
URL Parameters (fields in curly {} braces)	NA

Body Parameters	`[`
	`  {`
	`  "ciId": 2,`
	`  "delegateUsers": [`
	`  "requester@hcl.com"`
	`  ],`
	`  "delegateRbacGroup": [`
	`  "Requester"`

	<pre>]
	}
	]</pre>
	cild (Mandatory): This is a unique identifier of objectid created in HCL BigFix CLM.
	delegateUsers (Mandatory): This is requester role users to delegate on CI. Either delegateUsers or delegateRbacGroup is mandatory.
	delegateRbacGroup(Mandatory): This is a rbac group created in HCL BigFix CLM. Either delegateUsers or delegateRbacGroup is mandatory.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: <pre>"Success"</pre>
Response Parameters	

3.4.5.19 Get List of Delegated Users/Groups Associated To CI

Table 85 - API: Get List of Delegated Users/Groups Associated To CI

Element	Description
API	GetDelegationDetails
Description	This API returns a list of delegated users/groups associated to CI. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/cild/{cild}/delegationDetails*
URL Parameters (fields in curly {} braces)	• **cild (Mandatory)**: This is a unique identifier of objectid created in HCL BigFix CLM.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description.

	• **Content-type**: application/json

Response	{
	"totalRecords": 8,
	"records": [
	{
	"name": "Business",
	"type": "RBAC Group"
	},
	{
	"name": "user email",
	"type": "USER"
	},
	{
	"name": "IT Admin",
	"type": "RBAC Group"
	},
	{
	"name": "orgadminuser(orgadmin1@hcl.com)",
	"type": "USER"
	},
	{
	"name": "Organization Admin",
	"type": "RBAC Group"
	},
	{
	"name": "Pallavi Agaarwal(aggarwal.p@hcl.com)",
	"type": "USER"
	},
	{
	"name": "Requester",
	"type": "RBAC Group"
	},
	{
	"name": "testuser@test.com(testuser@test.com)",
	"type": "USER"
	}
	]
	}

Response Parameters	• totalRecords • records • name • type

3.4.5.20 Get List of Delegated Users/Groups Associated to CI By Objectid and Objecttype

Table 86 - API: Get List of Delegated Users/Groups Associated to CI By Objectid and Objecttype

Element	Description
API	GetDelegationDetailsByObjectIdAndObjectType
Description	This API returns a list of delegated users/groups associated to CI. CI is filtered by ObjectId and ObjectType. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/objectId/{objectId}/objectType/{objectType}/delegationDetails*
URL Parameters (fields in curly {} braces)	• **objectId(Mandatory)**: This is a unique identifier of a resource name, like Virtual machine Name which is stored as objectid in CI of HCL BigFix CLM. • **objectType (Mandatory)**: Displays the Type of the Infrastructure resource like for Virtual Machine object type it will be "VM", for Load Balancer it will be "LB" etc..
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 8, "records": [{ "name": "Business", "type": "RBAC Group" }, {

```
      "name": "user email",
      "type": "USER"
    },
    {
      "name": "IT Admin",
      "type": "RBAC Group"
    },
    {
      "name": "orgadminuser(orgadmin1@hcl.com)",
      "type": "USER"
    },
    {
      "name": "Organization Admin",
      "type": "RBAC Group"
    },
    {
      "name": "Pallavi Agaarwal(aggarwal.p@hcl.com)",
      "type": "USER"
    },
    {
      "name": "Requester",
      "type": "RBAC Group"
    },
    {
      "name": "testuser@test.com(testuser@test.com)",
      "type": "USER"
    }
  ]
}
```


Response Parameters	• totalRecords • records • name • type

3.4.5.21 Get Delegate History Of CI

Table 87 - API: Get Delegate History Of CI

Element	Description
API	GetDelegationHistoryOfCI
Description	This API returns the delegate history of CI. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/cild/{cild}/delegateHistory*
URL Parameters (fields in curly {} braces)	• **cild (Mandatory)**: This is a unique identifier of objectid created in HCL BigFix CLM.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 10, "records": [{ "name": "Requester", "type": "RBAC Group", "fromDate": "2022-06-07T16:38:19.293", "toDate": null }, { "name": "testuser@test.com(testuser@test.com)", "type": "USER", "fromDate": "2022-06-07T10:12:06.653", "toDate": null }, { "name": "IT Admin", "type": "RBAC Group", "fromDate": "2022-06-07T10:12:06.653", "toDate": null }, { "name": "IT Admin",

```
      "type": "RBAC Group",
      "fromDate": "2022-06-06T14:22:16.997",
      "toDate": "2022-06-06T16:09:14.14"
    },
    {
      "name": "testuser@test.com(testuser@test.com)",
      "type": "USER",
      "fromDate": "2022-06-06T14:22:16.997",
      "toDate": "2022-06-06T16:09:14.14"
    },
    {
      "name": "Pallavi Agaarwal(aggarwal.p@hcl.com)",
      "type": "USER",
      "fromDate": "2022-06-01T15:25:15.817",
      "toDate": null
    },
    {
      "name": "IT Admin",
      "type": "RBAC Group",
      "fromDate": "2022-05-27T19:39:33.08",
      "toDate": "2022-06-06T14:08:56.33"
    },
    {
      "name": "testuser@test.com(testuser@test.com)",
      "type": "USER",
      "fromDate": "2022-05-27T19:39:33.063",
      "toDate": "2022-06-06T14:08:56.33"
    },
    {
      "name": "orgadminuser(orgadmin1@hcl.com)",
      "type": "USER",
      "fromDate": "2022-05-27T18:41:45.11",
      "toDate": null
    },
    {
      "name": "testuser@test.com(testuser@test.com)",
      "type": "USER",
      "fromDate": "2022-05-27T18:41:10.293",
      "toDate": "2022-05-27T19:38:55.173"
```

	<pre>}
	]
	}</pre>

Response Parameters	• totalRecords • records • name • type • fromDate • toDate

3.4.5.22 Get Delegate History of CI By Objectid and Objecttype

Table 88 - Api: Get Delegate History of Ci by Objectid and Objecttype

Element	Description
API	GetDelegationHistoryOfCIByObjectIdAndObjectType
Description	This API returns the delegate history of CI. CI is filtered by ObjectId and ObjectType. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/objectId/{objectId}/objectType/{objectType}/delegateHistory*
URL Parameters (fields in curly {} braces)	• **objectId(Mandatory)**: This is a unique identifier of a resource name, like Virtual machine Name which is stored as objectid in CI of HCL BigFix CLM. • **objectType (Mandatory)**: Displays the Type of the Infrastructure resource like for Virtual Machine object type it will be "VM", for Load Balancer it will be "LB" etc..
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	<pre>{
	"totalRecords": 10,
	"records": [
	{
	"name": "Requester",</pre>

```
      "type": "RBAC Group",
      "fromDate": "2022-06-07T16:38:19.293",
      "toDate": null
    },
    {
      "name": "testuser@test.com(testuser@test.com)",
      "type": "USER",
      "fromDate": "2022-06-07T10:12:06.653",
      "toDate": null
    },
    {
      "name": "IT Admin",
      "type": "RBAC Group",
      "fromDate": "2022-06-07T10:12:06.653",
      "toDate": null
    },
    {
      "name": "IT Admin",
      "type": "RBAC Group",
      "fromDate": "2022-06-06T14:22:16.997",
      "toDate": "2022-06-06T16:09:14.14"
    },
    {
      "name": "testuser@test.com(testuser@test.com)",
      "type": "USER",
      "fromDate": "2022-06-06T14:22:16.997",
      "toDate": "2022-06-06T16:09:14.14"
    },
    {
      "name": "Pallavi Agaarwal(aggarwal.p@hcl.com)",
      "type": "USER",
      "fromDate": "2022-06-01T15:25:15.817",
      "toDate": null
    },
    {
      "name": "IT Admin",
      "type": "RBAC Group",
      "fromDate": "2022-05-27T19:39:33.08",
      "toDate": "2022-06-06T14:08:56.33"
```

```
    },
    {
      "name": "testuser@test.com(testuser@test.com)",
      "type": "USER",
      "fromDate": "2022-05-27T19:39:33.063",
      "toDate": "2022-06-06T14:08:56.33"
    },
    {
      "name": "orgadminuser(orgadmin1@hcl.com)",
      "type": "USER",
      "fromDate": "2022-05-27T18:41:45.11",
      "toDate": null
    },
    {
      "name": "testuser@test.com(testuser@test.com)",
      "type": "USER",
      "fromDate": "2022-05-27T18:41:10.293",
      "toDate": "2022-05-27T19:38:55.173"
    }
  ]
}
```


Response Parameters	• totalRecords • records • name • type • fromDate • toDate

3.4.5.23 Get My CIs

Table 89 - API: Get My CI Details

Element	Description
API	GetMyCIs
Description	This API returns all cis based on created by logged in user as well as delegated ci. This Apl is accessible by requester users.

	* Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ci/ownedCIs?queryParams={"filter":"ObjectId='TESTVM1'","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000"}*
URL Parameters (test in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g., Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "cityName='Virginia'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization Key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 1, "records": [{ "ciId": 225, "objectId": "TestVM", "platformEntityId": "ARM-2C38BDC3-1695-4175-B6EC-BFCA0F89F341", "objectStatus": "NEW", "userName": "", "requestNumber": 0, "itemNumber": 1, "platformName": "ARM", "userEntityID": "", "userEmail": "", "objectType": "VM",

```
        "displayName": "",
        "resourceGroup": "",
        "primaryIP": "",
        "machineName": "",
        "vmDisplayName": "",
        "actualDiskJSON": "",
        "tierName": "",
        "storageName": "",
        "regionName": "",
        "elbName": "",
        "recoveryValut": "",
        "policyName": "",
        "locationName": "",
        "isAvailabilitySet": "",
        "availabilitySet": "",
        "provisionDate": "02/22/2022",
        "templateType": "",
        "decommisionDate": "03/16/2022",
        "size": "",
        "privateDNS": "",
        "publicDNS": "",
        "servicePlanId": "",
        "networkName": "",
        "primarySubnet": "",
        "leasePeriod": "",
        "powerStatus": "",
        "memoryInMB": "",
        "ipAddress": "",
        "computerName": "",
        "osDiskSize": "",
        "dataDisk1Size": "",
        "dataDisk2Size": "",
        "dataDisk3Size": "",
        "dataDisk4Size": "",
        "dataDisk5Size": "",
        "numberOfCPCU": "",
        "customField1": "test",
        "customField2": "",
        "customField3": "",
```

```
        "customField4": "",
        "customField5": "",
        "customField6": "",
        "customField7": "",
        "customField8": "",
        "customField9": "",
        "customField10": "",
        "isBackup": " ",
        "isEnableMonitoring": " ",
        "diskType": "",
        "isImported": "N",
        "keyPair": "",
        "dataCenterName": "",
        "clusterName": "",
        "hostName": "",
        "os": "",
        "primaryDefault": "",
        "backupIP": "",
        "backupDefault": "",
        "backupSubnet": "",
        "machineStatus": "4",
        "vpcName": "",
        "securityGroup": "",
        "cloudName": "",
        "tags": "",
        "networkDetails": "",
        "objectJson": "",
        "customField11": "",
        "customField12": "",
        "customField13": "",
        "customField14": "",
        "customField15": "",
        "customField16": "",
        "customField17": "",
        "customField18": "",
        "customField19": "",
        "customField20": ""
    }
]
```

```
}
```


Response Parameters

- totalRecords
- records –json of all columns of CI.


```
        "ciId": 225,
        "objectId": "TestVM",
        "platformEntityId": "ARM-2C38BDC3-1695-4175-
B6EC-BFCA0F89F341",
        "objectStatus": "NEW",
        "userName": "",
        "requestNumber": 0,
        "itemNumber": 1,
        "platformName": "ARM",
        "userEntityID": "",
        "userEmail": "",
        "objectType": "VM",
        "displayName": "",
        "resourceGroup": "",
        "primaryIP": "",
        "machineName": "",
        "vmDisplayName": "",
        "actualDiskJSON": "",
        "tierName": "",
        "storageName": "",
        "regionName": "",
        "elbName": "",
        "recoveryValut": "",
        "policyName": "",
        "locationName": "",
        "isAvailabilitySet": "",
        "availabilitySet": "",
        "provisionDate": "02/22/2022",
        "templateType": "",
        "decommisionDate": "03/16/2022",
        "size": "",
        "privateDNS": "",
        "publicDNS": "",
        "servicePlanId": "",
        "networkName": "",
```

```
"primarySubnet": "",
"leasePeriod": "",
"powerStatus": "",
"memoryInMB": "",
"ipAddress": "",
"computerName": "",
"osDiskSize": "",
"dataDisk1Size": "",
"dataDisk2Size": "",
"dataDisk3Size": "",
"dataDisk4Size": "",
"dataDisk5Size": "",
"numberOfCPCU": "",
"customField1": "test",
"customField2": "",
"customField3": "",
"customField4": "",
"customField5": "",
"customField6": "",
"customField7 "",
"customField8
"customField9
"customField10
"isBackup
"isEnableMonitoring
"diskType
"isImported
"keyPair
"dataCenterName
"clusterName
"hostName
"os
"primaryDefault
"backupIP
"backupDefault
"backupSubnet
"machineStatus
"vpcName
"securityGroup
```

```
"cloudName
"tags"
"networkDetails
"objectJson
"customField11
"customField12
"customField13
"customField14
"customField15
"customField16
"customField17
"customField18
customField19
customField20
```

3.4.6 Cost

3.4.6.1 Get Private Cloud Cost Services

Table 90 - Get Private Cloud Services

Element	Description
API	Getservices
Description	This API Returns services are available for a location and cost model.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/costmodels/provisioningEndPoints/{endpointId}/location/{locationName}/services*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **locationName(Mandatory)**: It applicable for private cloud and it is name of location in which provider created cost model.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response


```
  {
  "totalRecords": 2,
  "records": [
    {
      "servicePlanEntityId": "SEP-318EE474-214C-4736-
AD1D-94A62CF100CA",
      "servicePlanDescription": "platinum",
      "services": [
        {
          "serviceEntityId": "SER-B98432B7-3EE8-481A-
8594-9C52DE796EFA",
          "serviceId": "1",
          "serviceName": "test",
          "serviceDescription": "test"
        },
        {
          "serviceEntityId": "SER-DF61FD94-642B-43E3-
8E99-DC5F1356F3B5",
          "serviceId": "2",
          "serviceName": "privateCloudService",
          "serviceDescription": "service"
        }
      ],
      "servicePlanId": "1",
      "servicePlanName": "platinum"
    },
    {
      "servicePlanEntityId": "SEP-16D191F6-C5FB-4E14-
AA64-A2B65A21A834",
      "servicePlanDescription": "silver",
      "services": [
        {
          "serviceEntityId": "SER-B98432B7-3EE8-481A-
8594-9C52DE796EFA",
          "serviceId": "1",
          "serviceName": "test",
          "serviceDescription": "test"
        },
        {
```

```
          "serviceEntityId": "SER-DF61FD94-642B-43E3-
8E99-DC5F1356F3B5",
          "serviceId": "2",
          "serviceName": "privateCloudService",
          "serviceDescription": "service"
        }
      ],
      "servicePlanId": "2",
      "servicePlanName": "silver"
    }
  ]
}
```


Response Parameters	• totalRecords: • records • servicePlanEntityId • servicePlanDescription • serviceEntityId • serviceId • serviceName • serviceDescription • servicePlanId • servicePlanName

3.4.6.2 Get Public Cloud Cost Services

Table 91 - Get Public Cloud Services

Element	Description
API	Getservices
Description	This API Returns services are available for a region and cost model.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/Cost/v3/costmodels/provisioningEndPoints/{endpointId}/region/{regionName}/services*
URL Parameters (fields in curly {} braces)	• **RegionName(Mandatory):** It is applicable for public cloud and it is name of region in which provider created cost model.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 2,
	"records": [
	{
	"servicePlanEntityId": "SEP-318EE474-214C-4736-AD1D-94A62CF100CA",
	"servicePlanDescription": "platinum",
	"services": [
	{
	"serviceEntityId": "SER-B98432B7-3EE8-481A-8594-9C52DE796EFA",
	"serviceId": "1",
	"serviceName": "test",
	"serviceDescription": "test"
	},
	{
	"serviceEntityId": "SER-DF61FD94-642B-43E3-8E99-DC5F1356F3B5",
	"serviceId": "2",
	"serviceName": "privateCloudService",
	"serviceDescription": "service"
	}
	],
	"servicePlanId": "1",
	"servicePlanName": "platinum"
	},
	{
	"servicePlanEntityId": "SEP-16D191F6-C5FB-4E14-AA64-A2B65A21A834",
	"servicePlanDescription": "silver",
	"services": [
	{

```
          "serviceEntityId": "SER-B98432B7-3EE8-481A-
8594-9C52DE796EFA",
          "serviceId": "1",
          "serviceName": "test",
          "serviceDescription": "test"
        },
        {
          "serviceEntityId": "SER-DF61FD94-642B-43E3-
8E99-DC5F1356F3B5",
          "serviceId": "2",
          "serviceName": "privateCloudService",
          "serviceDescription": "service"
        }
      ],
      "servicePlanId": "2",
      "servicePlanName": "silver"
    }
  ]
}
```


Response Parameters	• totalRecords: • records • servicePlanEntityId • servicePlanDescription • serviceEntityId • serviceId • serviceName • serviceDescription • servicePlanId • servicePlanName

3.4.6.3 Get Expected Cost

Table 92 - Get Expected Cost of Services

Element	Description
API	Getexpectedcost
Description	This API returns Expected Cost for services.

Numberte	For public cloud this API will work if pricing jobs are enabled for all platforms (ARM, AMAZN by HCL BigFix CLM admin and GCP by provider admin) and for private cloud cost should be defined in catalog through in cost model.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/costmodels/provisioningEndPoints/{endpointId}/expectedCosts*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

Body parameters	{
	"servicename":"virtualmachine",
	"keylist":["Region","OS","Size","Period","periodid","serviceplan","Disks"],
	"vallist":["uswest","Windows","Basic_A0","9","Day(s)","ARM Service","SHDD~S6,SSSD~E30"],
	"Summary" :"Yes",
	"catalogentityid":"CAT-3A936176-1D21-4ED6-B5CD-C0BDFC264498"
	}
	keyList: it is an array of keys. For example:
	
	["Region","Os","Usage","Period","PeriodId","ServicePlan"]
	
	vallist: It is an array of values respective to the keys. KeyList and valueList array sequence should be same. For example,
	
	["UsWest","Win","24","12","Day(s)","ARM Service"]
	
	If we have multiple items, then valueList would be "pipe (|)" separated values for the items and key list would remain same. For example:
	
	["UsWest|UsWest","Win|Lin","24|9","12|1","Day(s)|Month(s)","Silver|Platinum"]
	
	In the case of Multiple Disk, DiskType and value should be separated by "tild(~)" and more than 1 disk in an item should be separated by "comma(,)". For example,
	
	One item one disk => ["DiskType~Value] or ["SDD~S1"]

One item multiple disk => ["DiskType1~Value1, "DiskType2~Value2] or ["HDD~A0, HDD~A1"]

Multiple item multiple disk => ["DiskTypeItem1~ValueItem1, "DiskTypeItem1~Valueitem1 | DiskTypeItem2~ValueItem2] OR

["HDD~A0, HDD~A1"|"SDD~S1"]

Below are service wise keyList and ValueList sample values:

Samples values of keylist and Valuelist of different services are given below:

Table 93 - Samples values of keylist and Valuelist of different services

Cloud Provider	Service Name	Key List	Value List
AMAZN	VirtualMachine	["Region","OS","Size","Period","PeriodID","ServicePlan","Disks"]	["us-east-1","Windows","a1.medium","9","Day(s)","Silver","gp2~10, IOPS~20"]
AMAZN	Disk	["Region", "Period","PeriodID","ServicePlan","Disks"]	["us-east-1","9","Day(s)","Silver","gp2~10, IOPS~20"]
ARM	VirtualMachine	["Region","Os","Size","Period","PeriodID","ServicePlan","Disks"]	["UsWest|Japan","Windows|Linux","“Basic_A0|Basic_A0“,"9|3","Day(s)|Month(s)","ARM Platinum|Silver","SHDD~S6, SSSD~E30|PSSD~P1, SSSD~E40"]
ARM	Disk	["Region","Period","PeriodID","ServicePlan","Disks"]	["australiacentral","9","Day(s)","ARM Service","SHDD~S6, SSSD~E30, PSSD~P1"]
GCP	VirtualMachine	["Region","OS","MachineType","Period","PeriodID","Se	[“us-west4“,"Widows|linux", "n2d-highcpu-128|

		rvicePlan","Disks","Series", "MachineClass"]	n2d-highcpu-128","9|3","Day(s)|Month(s)","Platinum|Silver","N2D|N2","Preemptible|Regular", 10~MachineImage~REGIONAL|10~LocalSSD~MULTI_REGIONAL"]
GCP	Disk	["Region","Period","PeriodID","ServicePlan","Disks"]	["us-west4" ,"9|3","Day(s)|Month(s)","ARM Service|Amazon Service"," 10~MachineImage~REGIONAL|10~LocalSSD~MULTI_REGIONAL"]
Private Cloud	VirtualMachine	["Size","Period","PeriodID", "ServicePlan",VCPU,Memory,"Disks"]	["Small","9|3","Day(s)|Month(s)","ARM Service|Amazon Service","2","3""10,20|10,20"]
Private Cloud	Disk	["Period","PeriodID","ServicePlan","Disks"]	["9|3","Day(s)|Month(s)","ARM Service|Amazon Service","10,20|10,20"]

- **Servicename (Mandatory):** Name of service to get cost.
- **Keylist(mandatory):** It is the array of keynames which are required to calculate the cost of services on the.
- **Vallist (Mandatory):** Values of corresponding keys and for multiple items user can pass values with "|" separator.
- **Summary (Madatory):** There are 2 values for this key if "Yes" only sum of cost will return and if "number" then complete the details of cost will return.
- **Catalogentityid (Optional)**: It is mandatory for private cloud and for public cloud it is numbert require.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once

	a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": [
	{
	"itemNumber": 0,
	"orgEntityId": "string",
	"charagableItemCodeType": "string",
	"itemValue": 0,
	"periodInDays": 0,
	"computeUnit": 0,
	"organizationName": "string",
	"location": "string",
	"platformType": "string",
	"servicePlanName": "string",
	"costTypeName": "string",
	"charagableItemTypeName": "string",
	"instanceSize": "string",
	"displayPeriod": "string",
	"cost": 0,
	"fixedCost": 0,
	"recurringCost": 0,
	"currency": "string"
	}
	]
	}

3.4.6.4 Get Calculated Cost

Table 94 - API: GET Calculated Cost

Element	Description
API	GetCalculatedCost
Description	API returns the Calculated Cost for provided services.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/costmodels/calculateCost*
Body Parameters	{

```
  "catalogEntityId": "CAT-1EA36F32-50C5-4763-B36A-
75B6421F4A98",
  "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-
8EB1D06F55D2",
  "orgEntityId": "ORG-1F7557F7-F150-44E0-824F-
91B7B90788B9",
  "items": [
    {
      "itemNumber": "1",
      "computeCPU": [
        "2"
      ],
      "computeMemoryInGB": [
        "30"
      ],
      "osDiskInGB": [
        {
          "type": "SRT2",
          "value": "20"
        }
      ],
      "period": [
        {
          "id": "d",
          "value": "1"
        }
      ],
      "servicePlan": "platinum",
      "additionalDiskInGB": [
        {
          "type": "SRT2",
          "value": "10"
        }
      ]
    }
  ]
}
```

	• **queryParams (Optional):** It is used for filtering and sorting of records. It has three properties, which are as follows:
	  ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"
	  ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".
	  ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1"
	  ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"
	• For e.g. {"filter": "itemNumber ='1'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "itemNumber": 1, "cloudPlatformCode": "ARM", "orgEntityId": "ORG-1F7557F7-F150-44E0-824F-91B7B90788B9", "organizationName": "hclorg", "locationId": 4, "location": "eastus", "exceptedCost": [{ "platformType": "Microsoft Azure", "servicePlanId": "1", "servicePlanName": "platinum", "subPlanId": -1, "subPlanName": "N/A", "costType": 2, "costTypeName": "Time Based model",

```
          "charagableItemCodeType": "SER",
          "charagableItemTypeName": "Service",
          "charagableItemId": "SER-91444F1D-C5CF-48AC-
B1EE-E2FD8EDC59C8",
          "charagableItemName": "backup",
          "charagableItemCode": "SER",
          "itemValue": 1,
          "unitId": -1,
          "computeUnit": 1,
          "instanceSize": "",
          "fixedCost": 0,
          "recurringCost": 0.86,
          "cost": 24,
          "currency": "₹",
          "periodInDays": 1,
          "displayPeriod": "1 Day(s)"
        },
        {
          "platformType": "Microsoft Azure",
          "servicePlanId": "1",
          "servicePlanName": "platinum",
          "subPlanId": -1,
          "subPlanName": "N/A",
          "costType": 2,
          "costTypeName": "Time Based model",
          "charagableItemCodeType": "SER",
          "charagableItemTypeName": "Service",
          "charagableItemId": "SER-F7335925-EF8E-4F1B-
A98D-96DFC4C038B1",
          "charagableItemName": "AGService",
          "charagableItemCode": "SER",
          "itemValue": 1,
          "unitId": -1,
          "computeUnit": 1,
          "instanceSize": "",
          "fixedCost": 2,
          "recurringCost": 0.29,
          "cost": 120,
          "currency": "₹",
```

```
            "periodInDays": 1,
            "displayPeriod": "1 Day(s)"
          }
        ]
      }
    ]
}
```


Response Parameters

- Result:
  - itemNumber
  - cloudPlatformCode
  - orgEntityId
  - organizationName
  - locationId
  - location
  - expectedCost
  - platformType
  - servicePlanId
  - servicePlanName
  - costType
  - costTypeName
  - charagableItemCodeType
  - charagableItemTypeName
  - charagableItemId
  - charagableItemName
  - charagableItemCode
  - itemValue
  - unitId
  - computeUnit
  - instanceSize
  - fixedCost
  - recurringCost
  - cost
  - currency
  - periodInDays

	○ displayPeriod

3.4.7 Custom Table

3.4.7.1 Delete All Records

Table 95 - API: Delete All Custom Table Records

Element	Description
API	DeleteAllCustomTableRecords
Description	Delete all records in custom table defined for organization.
Method	DELETE
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/customtables/organizations/{organizationCode}/tableName/{tableName}/records*
URL Parameters (fields in curly {} braces)	• organizationCode (Mandatory): Unique Organization Code. • tableName (Mandatory): Unique Custom Table Name.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Success`
Response Parameters	

3.4.7.2 Get Records

Table 96 - API: GET Records from Custom Table

Element	Description
API	GetCustomTableRecords
Description	API Returns records from custom table.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/customtables/organizations/{organizationCode}/tableName/{tableName}/records*

URL Parameters (fields in curly {} braces)	• organizationCode (Mandatory): Unique Organization Code.
	• tableName (Mandatory): Unique Custom Table Name.
	• **camelCase (Optional)**: Convert custom table column casing. If true custom table column will be converted to camel case else, it will be returned as it is. Default value is true.
	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:
	  ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"
	  ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".
	  ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1"
	  ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"
	For e.g. {"filter": "columnName='value'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 1, "records": [ { "autoId": "1", "col1": "Val1", "col2": "Val2", "col3": "Val3", "col4": "Val4" } ] }`
Response Parameters	• Result:

3.4.7.3 Add Records into Custom Table

Table 97 - API: Add Records into Custom Table

Element	Description
API	SaveCustomTableRecords
Description	API Add new record(s) to custom table.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/customtables/organizations/{organizationCode}/tableName/{tableName}/records*
URL Parameters (fields in curly {} braces)	• organizationCode (Mandatory): Unique Organization Code. • tableName (Mandatory): Unique Custom Table Name.
Body Parameters	`[{"ColumnName":"Value","ColumnName":"Value"}]`
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Success`
Response Parameters	

3.4.7.4 Update Records into Customtable

Table 98 - API: Update Records into Custom table

Element	Description
API	UpdateCustomTableRecords
Description	API Update record(s) in custom table by AutoId. API also adds new record(s) to the table.
Method	PUT
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/customtables/organizations/{organizationCode}/tableName/{tableName}/records*
URL Parameters (fields in curly {} braces)	• organizationCode (Mandatory): Unique Organization Code. • tableName (Mandatory): Unique Custom Table Name.

Body Parameters	`[{"AutoId":"","ColumnName":"Value","ColumnName":"Value"}]`
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Success`
Response Parameters	

3.4.7.5 Delete Specific Record

Table 99 - API: Delete Records from Custom Table by Id

Element	Description
API	DeleteSingleCustomTableRecords
Description	API Delete record from custom table by autoId.
Method	DELETE
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/customtables/organizations/{organizationCode}/tableName/{tableName}/records/{autoId}*
URL Parameters (fields in curly {} braces)	• organizationCode (Mandatory): Unique Organization Code. • tableName (Mandatory): Unique Custom Table Name. • **autoId (Mandatory)**: Unique Id of record.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Success`
Response Parameters	

3.4.8 GCP

3.4.8.1 Get VPCs by Service Plan

Table 100 - API: GET GCP VPCs by Service Plan

Element	Description
API	GetVpc
Description	API returns GCP Vpc(s) Details in endpoint associated with service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/provisioningEndPoints/{endpointId}/vpcs/servicePlanName/{servicePlaname}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName(Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "routingMode='Global'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 3, "records": [{

```
            "entityId": "VPC-56B0D8C6-681F-4AD0-8ECE-
DBFDFC0AB101",
            "vpcId": "xxxxxx",
            "name": "-njdc",
            "description": " connection with NJDC lab ",
            "routingMode": "GLOBAL",
            "autoCreateSubnetNetwork": "false",
            "kind": "compute#network",
            "projectId": "poc-xxxxxx",
            "selfLink": "https://www.googleapis.com/compu
te/v1/projects/poc-242713/global/networks/xxxxxx",
            "associatedServicePlans": [
                {
                    "servicePlanId": "1",
                    "servicePlanName": "platinum"
                },
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters

- Result:
  - entityId
  - vpcId
  - name
  - description
  - routingMode
  - autoCreateSubnetNetwork
  - kind
  - projectId
  - selfLink
  - associatedServicePlans

Table 101 - API: GET GCP VPCS

Element	Description
API	GetVpc
Description	API returns GCP Vpc(s) Details in endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/provisioningEndPoints/{endpointId}/vpcs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "routingMode='Global'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 3, "records": [{ "entityId": "VPC-56B0D8C6-681F-4AD0-8ECE-DBFDFC0AB101", "vpcId": "xxxxxx", "name": "-njdc",

```
            "description": " connection with NJDC lab ",
            "routingMode": "GLOBAL",
            "autoCreateSubnetNetwork": "false",
            "kind": "compute#network",
            "projectId": "poc-242713",
            "selfLink": "https://www.googleapis.com/compu
te/v1/projects/poc-242713/global/networks/xxxxxx",
            "associatedServicePlans": [
                {
                    "servicePlanId": "1",
                    "servicePlanName": "platinum"
                },
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters	• Result: ○ entityId ○ vpcId ○ name ○ description ○ routingMode ○ autoCreateSubnetNetwork ○ kind ○ projectId ○ selfLink ○ associatedServicePlans

3.4.8.3 Get Subnet by Service Plan

Table 102 - API: GET GCP Subnets by Service Plan

Element	Description
API	GetSubnet
Description	API returns GCP subnet(s) Details in endpoint associated with serviceplan.

Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/provisioningEndPoints/{endpointId}/subnets/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "purpose='Private'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 29, "records": [{ "entityId": "SUB-0492EA5E-B005-4706-8CF1-51EA05B3C0EB", "name": "default", "subnetId": "3478815503124251561", "vpcLink": "https://www.googleapis.com/compute/v1/projects/xxxxxx", "ipCidrRange": "xxxxxx/20", "gatewayAddress": "xxxxxx",

```
            "privateIpGoogleAccess": "false",
            "purpose": "PRIVATE",
            "kind": "compute#subnetwork",
            "region": "australia-southeast2",
            "projectId": "poc-xxxxxx",
            "selfLink": "https://www.googleapis.com/compu
te/v1/projects/xxxxxx/regions/australia-
southeast2/subnetworks/default",
            "secondaryIpRanges": [],
            "associatedServicePlans": [
                {
                    "servicePlanId": "1",
                    "servicePlanName": "platinum"
                },
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters

- Result:
  - entityId
  - name
  - subnetId
  - vpcLink
  - ipCidrRange
  - gatewayAddress
  - privateIpGoogleAccess
  - purpose
  - kind
  - region
  - projectId
  - selfLink
  - secondaryIpRanges
  - associatedServicePlans

Table 103 - API: GET GCP Subnets

Element	Description
API	GetSubnet
Description	API returns GCP subnet(s) Details in endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/provisioningEndPoints/{endpointId}/subnets*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "purpose='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 29, "records": [{ "entityId": "SUB-0492EA5E-B005-4706-8CF1-51EA05B3C0EB", "name": "default", "subnetId": "3478815503124251561",

```
            "vpcLink": "https://www.googleapis.com/compute/v1/projects/xxxxxx/global/networks/default",
            "ipCidrRange": "xxxxxx/20",
            "gatewayAddress": "xxxxxx",
            "privateIpGoogleAccess": "false",
            "purpose": "PRIVATE",
            "kind": "compute#subnetwork",
            "region": "australia-southeast2",
            "projectId": "poc-242713",
            "selfLink": "https://www.googleapis.com/compute/v1/projects/xxxxxx/regions/australia-southeast2/subnetworks/default",
            "secondaryIpRanges": [],
            "associatedServicePlans": [
                {
                    "servicePlanId": "1",
                    "servicePlanName": "platinum"
                },
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters

- Result:
  - entityId
  - name
  - subnetId
  - vpcLink
  - ipCidrRange
  - gatewayAddress
  - privateIpGoogleAccess
  - purpose
  - kind
  - region
  - projectId

	○ selfLink ○ secondaryIpRanges ○ associatedServicePlans

3.4.8.5 Get Sizes

Table 104 - API: GET GCP Sizes

Element	Description
API	GetSizeMaster
Description	API returns size supported by Gcp.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/sizes*
URL Parameters (fields in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "vcpu='16'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 13,`
	`"records": [`
	`{`
	`"machineType": "c2-standard-16",`
	`"description": "Compute Optimized: 16 vCPUs, 64 GB RAM",`
	`"vcpu": "16",`

```
            "memoryGb": "64",
            "maximumNumberofPersistentDisk": 0,
            "maxTotalPdSize": 0,
            "diskType": "c2-standard-16( 16vCPU,64 GB )"
        }
    ]
}
```


Response Parameters	• Result: ○ machineType ○ description ○ vcpu ○ memoryGb ○ maximumNumberofPersistentDisk ○ maxTotalPdSize ○ diskType

3.4.8.6 Get Regions

Table 105 - API: GET GCP Regions

Element	Description
API	GetRegion
Description	API returns regions associated with endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/provisioningEndPoints/{endpointId}/regions*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "regionName='asia-south1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 1,
	"records": [
	{
	"entityId": "REG-A65A1B9F-C331-4B7B-9E6C-6343B70A5E7A",
	"regionName": "asia-south1",
	"id": 99,
	"cityName": "Mumbai",
	"longitude": "",
	"displayName": "Mumbai, India"
	}
	]
	}

Response Parameters	• Result: ○ entityId ○ regionName ○ id ○ cityName ○ longitude ○ displayName

3.4.8.7 Get Zones

Table 106 - API: GET GCP Zones

Element	Description
API	GetZone

Description	API returns zone associated with endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/provisioningEndPoints/{endpointId}/zones*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='asia-south1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 1,
	"records": [
	{
	"id": 120,
	"locationName": "asia-south1-a",
	"regionName": "asia-south1"
	}
	]
	}

Response Parameters	• Result: ○ Id ○ locationName

	○ regionName

3.4.8.8 Get Disks by Service Plan

Table 107 - API: GET GCP Disks by Service Plan

Element	Description
API	GetDisk
Description	API returns disks in endpoint associated with serviceplan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/provisioningEndPoints/{endpointId}/disks/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "zoneName='us-east1-b'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 3,`
	`"records": [`

```
        {
            "entityId": "DISK-077AB789-FFAB-4500-B61B-
E78318A1EB98",
            "diskId": "xxxxxx",
            "name": "wndevohs01",
            "description": "",
            "diskType": "Zonal",
            "sizeGb": 150,
            "kind": "compute#disk",
            "regionName": "",
            "region": "",
            "replicaZones": "",
            "zoneName": "us-east1-b",
            "zone": "https://www.googleapis.com/compute/v
1/projects/xxxxxx/zones/us-east1-b",
            "selfLink": "https://www.googleapis.com/compu
te/v1/projects/xxxxxx/zones/us-east1-b/disks/wndevohs01",
            "labelFingerPrint": "xxxxxx=",
            "licenseCodes": [
                "xxxxxx"
            ],
            "associatedServicePlans": [
                {
                    "servicePlanId": "1",
                    "servicePlanName": "platinum"
                }
            ]
        }
    ]
}
```


Response Parameters

- Result:
  - entityId
  - diskId
  - name
  - description
  - diskType
  - sizeGb
  - kind

	○ regionName ○ region ○ replicaZones ○ zoneName ○ zone ○ labelFingerPrint ○ licenseCodes ○ associatedServicePlans

3.4.8.9 Get Disks

Table 108 - API: GET GCP Disks

Element	Description
API	GetDisk
Description	API returns disks in endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/provisioningEndPoints/{endpointId}/disks*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "zoneName='us-east1-b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 3,`
	`"records": [`
	`{`
	`"entityId": "DISK-077AB789-FFAB-4500-B61B-E78318A1EB98",`
	`"diskId": "xxxxxx",`
	`"name": "wndevohs01",`
	`"description": "",`
	`"diskType": "Zonal",`
	`"sizeGb": 150,`
	`"kind": "compute#disk",`
	`"regionName": "",`
	`"region": "",`
	`"replicaZones": "",`
	`"zoneName": "us-east1-b",`
	`"zone": "https://www.googleapis.com/compute/v1/projects/xxxxxx/zones/us-east1-b",`
	`"selfLink": "https://www.googleapis.com/compute/v1/projects/xxxxxx/zones/us-east1-b/disks/wndevohs01",`
	`"labelFingerPrint": "42WmSpB8rSM=",`
	`"licenseCodes": [`
	`"xxxxxx"`
	`],`
	`"associatedServicePlans": [`
	`{`
	`"servicePlanId": "1",`
	`"servicePlanName": "platinum"`
	`}`
	`]`
	`}`
	`]`
	`}`

Response Parameters	• Result: ○ entityId ○ diskId

	○ name ○ description ○ diskType ○ sizeGb ○ kind ○ regionName ○ region ○ replicaZones ○ zoneName ○ zone ○ labelFingerPrint ○ licenseCodes ○ associatedServicePlans

3.4.8.10 Get Static IP Address by Service Plan

Table 109 – API: GET GCP Ip Address by Service Plan

Element	Description
API	GetstaticIpAddresses
Description	API returns staticIpAddresses in the endpoint associated with serviceplan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/provisioningEndPoints/{endpointId}/staticIpAddresses/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "status='IN_USE'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json.

Response	A Sample Response:
	
	`{`
	`"totalRecords": 3,`
	`"records": [`
	`{`
	`"entityId": "PIP-273FA859-F2BD-4BCA-BDE9-85314BE8EFD0",`
	`"pipId": "xxxxxx",`
	`"name": "xxxxxx-vpn",`
	`"description": "",`
	`"type": "Regional",`
	`"address": "xxxxxx",`
	`"addressType": "EXTERNAL",`
	`"region": "https://www.googleapis.com/compute/v1/projects/xxxxxx/regions/us-east1",`
	`"networkTier": "PREMIUM",`
	`"ipVersion": "",`
	`"selfLink": "https://www.googleapis.com/compute/v1/projects/xxxxxx/regions/us-east1/addresses/-njdc-vpn",`
	`"status": "IN_USE",`
	`"associatedServicePlans": [`
	`{`
	`"servicePlanId": "1",`
	`"servicePlanName": "platinum"`
	`},`
	`{`
	`"servicePlanId": "2",`
	`"servicePlanName": "silver"`
	`}`
	`]`

	<pre>}
	]
	}</pre>

Response Parameters	• Result: ○ entityId ○ pipId ○ name ○ description ○ type ○ address ○ addressType ○ region ○ networkTier ○ ipVersion ○ selfLink ○ status ○ associatedServicePlans

3.4.8.11 Get Static IP Address

Table 110 - API: GET GCP Static Ip Address

Element	Description
API	GetstaticIpAddresses
Description	API returns static IpAddresses.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/provisioningEndPoints/{endpointId}/staticIpAddresses*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1"

	○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "status='IN_USE'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 3,
	"records": [
	{
	"entityId": "PIP-273FA859-F2BD-4BCA-BDE9-85314BE8EFD0",
	"pipId": "2729554202025866217",
	"name": "-njdc-vpn",
	"description": "",
	"type": "Regional",
	"address": "35.243.143.122",
	"addressType": "EXTERNAL",
	"region": "https://www.googleapis.com/compute/v1/projects/xxxxxx/regions/us-east1",
	"networkTier": "PREMIUM",
	"ipVersion": "",
	"selfLink": "https://www.googleapis.com/compute/v1/projects/xxxxxx/regions/us-east1/addresses/-njdc-vpn",
	"status": "IN_USE",
	"associatedServicePlans": [
	{
	"servicePlanId": "1",
	"servicePlanName": "platinum"
	},
	{
	"servicePlanId": "2",
	"servicePlanName": "silver"
	}

	<pre>]
	}
	]
	}</pre>

Response Parameters	• Result: ○ entityId ○ pipId ○ name ○ description ○ type ○ address ○ addressType ○ region ○ networkTier ○ ipVersion ○ selfLink ○ status ○ associatedServicePlans

3.4.8.12 Allocate Sizes to Organization

Table 111 - API: Allocate GCP Sizes to Organization

Element	Description
API	AllocateSizeToOrganisation
Description	Allocate instance sizes to a zone for an organisation.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/organizations/{organizationCode}/zones/{zone}/sizes*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen. • **Zone**: Zone for which, size need to allocate

Body Parameters	<pre>{
	"sizeId":"1"
	}</pre>

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token

	value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Success`
Response Parameters	

3.4.8.13 Get Sizes Allocated to Zone

Table 112 - API: GET GCP Sizes Allocated to Organization

Element	Description
API	GetGcpSizeDetails
Description	API returns sizes allocated to zone.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/zones/{zone}/sizes*
URL Parameters (fields in curly {} braces)	• **zone (Mandatory)**: Zone, for which size need to get. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "regionName='asia-south1'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json.
Response	A Sample Response: `{`

```
   "totalRecords": 2,
    "records": [
        {
            "sizeId": 47,
            "sizeName": "c2-standard-16",
            "sizeDescription": "Compute Optimized: 16 vCP
Us, 64 GB RAM",
            "diskType": "c2-standard-16(16vCPU,64 GB )",
            "cpu": "16",
            "memory": "64",
            "diskSizes": 0,
            "maxTotalPdSize": 0,
            "locationSizeId": "575",
            "zone": "asia-south1-a",
            "regionId": "99",
            "regionName": "asia-south1",
            "cityName": "Mumbai",
            "longitude": "",
            "latitude": "",
            "regionDisplayName": "Mumbai, India",
            "platformCode": "GCP"
        }
    ]
}
```


Response Parameters

- Result:
  - sizeId
  - sizeName
  - sizeDescription
  - diskType
  - cpu
  - memory
  - diskSizes
  - maxTotalPdSize
  - locationSizeId
  - zone
  - regionId
  - regionName
  - cityName

	○ longitude ○ latitude ○ regionDisplayName ○ platformCode

3.4.8.14 Reserve Free Ip

Table 113 - API: Reserve GCP Free Ip

Element	Description
API	ReserveAndGetGcpFreeIpDetails
Description	This API reserve free IP for an object and nic in subnet.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/provisioningEndPoints/{endpointId}/subnets/{subnetEntityId}/freeIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **subnetEntityId (Mandatory)**: This parameter represents the subnet entity id for which IPs are to be fetched.

Body Parameters	`{`
	`"ObjectID": "",`
	`"NICPrefix": ""`
	`}`

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json.

Response	A Sample Response:
	`{`
	`"subnetName": "PublicSubnet3",`
	`"ipAddress": "xxxxxx",`
	`"subnetMask": "xxxxxx",`
	`"defaultGateway": "xxxxxx",`
	`"networkType": "NET_T1"`

	<pre>}</pre>
Response Parameters	• Result: ○ SubnetName ○ ipAddress ○ subnetmask ○ defaultGateway ○ networkType

3.4.8.15 Release Ip

Table 114 - API: Release GCP Ip

Element	Description
API	ReleaseIP
Description	Release Free IP using Network ID, HostName and IPPrefix.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/provisioningEndPoints/{endpointId}/subnets/{subnetEntityId}/releaseIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **subnetEntityId (Mandatory)**: This parameter represents the subnet entity id for which IPs are to be fetched.

Body Parameters	<pre>{
	"IPAddress": ""
	}</pre>

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: <pre>Success</pre>
Response Parameters	

3.4.8.16 Get Custom Machine Type Details

Table 115 - API: GET GCP Custom Machine Type

Element	Description
API	GetInfoByMachineType
Description	API returns details of machine type supported by Gcp.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/customMachineTypes/{machineType}/details*
URL Parameters (fields in curly {} braces)	• machineType (Mandatory): Gcp Machine Type ex 'N1', 'N2'. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "vCpu=' 1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 1,
	"records": [
	{
	"machineType": "N1",
	"vCpu": 1,
	"minMemory": 1.0,
	"maxMemory": 6.5
	}
	]
	}

Response Parameters	• Result: ○ machineType ○ vCpu ○ minMemory ○ maxMemory

3.4.8.17 Get Machine Types

Table 116 - API: GET GCP Machine Types

Element	Description
API	GetCustomMachineTypes
Description	API returns Machine types supported by Gcp.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/gcp/customsssMachineTypes*
URL Parameters (fields in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "machineType='N1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "machineType": "N1"

	<pre>}
	]
	}</pre>

Response Parameters	• Result: ○ machineType

3.4.9 Key Vault

3.4.9.1 Key Vault Configuration Details

Table 117 - API: GET Key Vault Configurations

Element	Description
API	GetKeyVaultConfigurationDetails
Description	API Returns KeyVault configuration details
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/keyvault*
URL Parameters (fields in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "machineType='N1'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	<pre>{
	"totalRecords": 23,
	"records": [
	{</pre>

<table>
<tr><td></td><td>

```
      "configurationName": "AWSCyberArkConfig",
      "description": "AWSCyberArkConfig",
      "configurationTool": "CyberArk"
    }
  ]
}
```

</td></tr>
<tr><td>Response Parameters</td><td>

- Result:
  - configurationName
  - description
  - configurationTool

</td></tr>
</table>

3.4.9.2 Cyber Ark Configuration Details Based on Configuration Name

Table 118 - API: GET Cyber Ark Configuration Based on Configuration Name

Element	Description
API	GetCyberArkConfigurationDetails
Description	API Returns naming convention configuration details. API is acessible to provider users.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/keyvault/cyberArk/configurationName/{configurationName}/configurationDetails*
URL Parameters (fields in curly {} braces)	• configurationName (Mandatory): Name of the Configuration
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`  "appID": "-QA",`
	`  "folder": "root",`
	`  "object": "GIT_Private_TokenKey",`
	`  "safe": "-QA-Safe"`

	<pre>}</pre>

Response Parameters	• Result:
	  ○ appID
	  ○ configurationName
	  ○ folder
	  ○ safe

3.4.9.3 Secret Manager Configuration Details Based on Configuration Name

Table 119 - API: GET Secret Manager Configuration Based on Configuration Name

Element	Description
API	GetSecretManagerConfigurationKeys
Description	API Returns Secret Manager Configuration Keys based on Configuration Name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/keyvault/secretManager/configurationName/{configurationName}/keys*
URL Parameters (fields in curly {} braces)	• configurationName (Mandatory): Name of the Configuration
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json.

Response	A Sample Response:
	<pre>{
	  "totalRecords": 1,
	  "records": [
	  "Key3"
	  ]
	}</pre>

Response Parameters	• Result: ○ keys

3.4.9.4 Secret Manager Key Value Details Based on Configuration Name

Table 120 - API: GET Secret Manager Key Value Details Based on Configuration Name

Element	Description
API	GetSecretManagerConfigurationKeyValue
Description	API Returns Secret Manager configuration KeyValue based on Configuration Name and Key Name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/keyvault/secretManager/configurationName/{configurationName}/key/{keyName}*
URL Parameters (fields in curly {} braces)	• configurationName (Mandatory): Name of the Configuration • keyName (Mandatory): Name of the Key • **showDecrypted:** If we need decrypted value then pass true. Default value is false.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json.
Response	A Sample Response: `{ "keyValue": "xxxxxx==" }`
Response Parameters	• Result: ○ keyValue

3.4.9.5 Get Azure Vault Configurations Based on Configuration Name

Table 121 - API: GET Azure Vault Configurations Based on Configuration Name

Element	Description
API	GetAzureVaultConfigurationDetails
Description	API Returns Azure Vault Configurations based on Configuration Name.
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/keyvault/azureVault/configurationName/{configurationName}/configurationDetails*
URL Parameters (fields in curly {} braces)	• configurationName (Mandatory): Name of the Configuration
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "secretName": "asdfdsaf" }`

3.4.10 Naming Convention

3.4.10.1 Naming Convention Get Configuration

Table 122 - API: GET Configuration

Element	Description
API	GetConfiguration
Description	API Returns naming convention configuration details. API is accessible to provider users.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/namingConvention/organizations/{organizationCode}/configurations*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1"

	○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10“ For e.g. {"filter": "enableDynamicKeysCombination='Y'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 9,
	"records": [
	{
	"id": 6,
	"configurationName": "ddddA",
	"description": "aaa",
	"globalSequence": 2,
	"organizationCode": "t-e-s-t",
	"enableDynamicKeysCombination": "Y"
	}
	]
	}

Response Parameters	• Result: ○ id ○ configurationName ○ description ○ globalSequence ○ organizationCode ○ enableDynamicKeysCombination

3.4.10.2 Naming Convention Add Configuration

Table 123 - API: Add Configuration

Element	Description
API	SaveConfiguration
Description	API Create naming configuration for an organization. API is accessible to provider users.

Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/namingConvention/organizations/{organizationCode}/configurations*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen.

Body Parameters	<pre>{
	"orgCode": "",
	"configurationName": "",
	"description": "",
	"globalSequence": 0,
	"enableDynamicKeysCombination": "",
	"action": ""
	}
	Action: Insert</pre>

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: <pre>Record saved successfully.</pre>
Response Parameters	

3.4.10.3 Naming Convention Update Configuration

Table 124 - API: Update configuration

Element	Description
API	UpdateConfiguration
Description	API Updates naming configuration for an organization. API is accessible to provider users.
Method	PUT
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/namingConvention/organizations/{organizationCode}/configurations*

URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen.

Body Parameters	<pre>{
	"orgCode": "",
	"configurationName": "",
	"description": "",
	"globalSequence": 0,
	"enableDynamicKeysCombination": "",
	"action": ""
	}
	Action: Update</pre>

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json.
Response	A Sample Response: <pre>Record saved successfully.</pre>
Response Parameters	

3.4.10.4 Naming Convention Delete Configuration

Table 125 - API: Delete Configuration

Element	Description
API	DeleteConfiguration
Description	API Delete naming configuration by configuration name. API is accessible to provider users.
Method	DELETE
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/namingConvention/organizations/{organizationCode}/configurations/{ configurationName}*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen. • configurationName (Mandatory): Configuration name to delete.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Records were deleted successfully.`
Response Parameters	

3.4.10.5 Naming Convention Get Configuration's Key

Table 126 - API: GET Configuration Keys

Element	Description
API	GetConfigurationKeys
Description	API Returns all keys defined in naming convention configuration. API is acessible to provider users.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/namingConvention/organizations/{organizationCode}/configurations/{configurationName}/keys*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen. • **configurationName (Mandatory)**: Configuration name for which keys need to get. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "initialSequence='2'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a

	Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json.

Response	A Sample Response:
	
	{
	"totalRecords": 2,
	"records": [
	{
	"id": 6,
	"keyName": "Keynew sampl",
	"initialSequence": 2,
	"currentSequence": 2
	}
	]
	}

Response Parameters	• Result: ○ id ○ keyName ○ initialSequence ○ currentSequence

3.4.10.6 Naming Configuration Add Configuration Keys

Table 127 - API: Add Configuration Keys

Element	Description
API	SaveConfigurationKey
Description	API Create new keys defined in naming convention configuration. API is acessible to provider users.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/namingConvention/organizations/{organizationCode}/configurations/{configurationName}/keys*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen. • **configurationName (Mandatory)**: Configuration name for which keys need to add.
Body Parameters	{

	<pre>"keyName": "",
	"initialSequence": 0,
	"action": ""
	}
	Numberte:
	Action: Insert</pre>

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: <pre>Record saved successfully.</pre>
Response Parameters	

3.4.10.7 Naming Configuration Update Configuration Keys

Table 128 - API: Update Configuration Keys

Element	Description
API	UpdateConfigurationKey
Description	API Updates key defined in naming convention configuration by key name. API is acessible to provider users.
Method	PUT
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/namingConvention/organizations/{organizationCode}/configurations/{configurationName}/keys*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen. • **configurationName (Mandatory)**: Configuration name for which keys need to update.

Body Parameters	<pre>{
	"keyName": "XXXX",
	"initialSequence": 0,
	"action": ""
	}
	Action: Update</pre>

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Record saved successfully.`
Response Parameters	

3.4.10.8 Naming Configuration Delete Configuration Keys

Table 129 - API: Delete Configuration Keys

Element	Description
API	DeleteConfigurationKeys
Description	API deletes key defined in naming convention configuration by key name. API is acessible to provider users.
Method	DELETE
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/namingConvention/organizations/{organizationCode}/configurations/{ configurationName}/keys/{keyName}*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen. • **configurationName (Mandatory)**: Configuration name for which key need to delete. • **keyName (Mandatory)**: KeyName to delete
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Records were deleted successfully.`
Response Parameters	

3.4.10.9 Naming Convention Get Sequence of Configuration and Key

Table 130 - API: GET Sequence of Configuration and Key

Element	Description
API	GetKeyCurrentSequence
Description	API Returns running sequence number for a key defined in naming convention configuration.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/namingConvention/organizations/{organizationCode}/configurations/{configurationName}/key/{keyName}/sequence*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen. • **configurationName (Mandatory)**: Configuration name for which keys need to get. • keyName (Mandatory): Keys of related configuration.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "sequence": 2 }`
Response Parameters	• Result:

3.4.11 Offering

3.4.11.1 Get Service Catalogs Offerings

Table 131 - API: GET Service Catalog Offerings

Element	Description
API	GetOffering
Description	API Returns all the service Catalogs publshed in an endpoint.
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/offerings/provisioningEndPoints/{endpointId}/serviceCatalogs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "serviceCatalogName='Kubernetes Cluster'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 1,`
	`"records": [`
	`{`
	`"serviceCatalogId": 3,`
	`"catalogEntityId": "CAT-6C05E626-5372-42A7-9DC1-EB3AC645FF66",`
	`"serviceCatalogName": "Kubernetes Cluster",`
	`"platformEntityId": "GCP-5F29547E-0CD6-46B3-BC71-70B05A2DB478",`
	`"description": "Kubernetes Cluster",`
	`"shortDescription": "Kubernetes Cluster",`
	`"platformName": "gcpdev",`
	`"instances": 1,`
	`"tags": "",`
	`"serviceType": "",`

```
            "requestForApplicable": "N",
            "costApplicable": "N",
            "apiJsonApplicable": "N",
            "slaApplicable": "N",
            "associatedTemplate": {
                "imageType": "Numberne",
                "selfLinkUrl": "",
                "templateName": "Kubernetes Services",
                "templateUrl": "",
                "priceCategory": "",
                "edition": "",
                "osName": "Linux",
                "osVersion": "-1",
                "machineUsername": "",
                "regions": {
                    "regionName": "asia-south1"
                },
                "description": ""
            }
        }
    ]

}
```


Response Parameters

- Result:
  - serviceCatalogId
  - catalogEntityId
  - serviceCatalogName
  - platformEntityId
  - description
  - shortDescription
  - platformName
  - instances
  - tags
  - serviceType
  - requestForApplicable
  - costApplicable
  - apiJsonApplicable
  - slaApplicable

	○ associatedTemplate

3.4.11.2 Get Service Catalog Offering Details by Service Catalog Name

Table 132 - API: GET Service Catalog Offering Details by Service Catalog Name

Element	Description
API	GetOffering
Description	API Returns service catalog details by service catalog Name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/offerings/provisioningEndPoints/{endpointId}/serviceCatalogs/serviceCatalogName/{serviceCatalogName}*
URL Parameters (fields in curly {} braces)	• **serviceCatalogName (Mandatory)**: Represents service catalog name. • **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "serviceCatalogId": 3, "catalogEntityId": "CAT-6C05E626-5372-42A7-9DC1-EB3AC645FF66", "serviceCatalogName": "Kubernetes Cluster", "platformEntityId": "GCP-5F29547E-0CD6-46B3-BC71-70B05A2DB478", "description": "Kubernetes Cluster", "shortDescription": "Kubernetes Cluster", "platformName": "gcpdev", "instances": 1, "tags": "", "serviceType": "", "requestForApplicable": "N",

```
            "costApplicable": "N",
            "apiJsonApplicable": "N",
            "slaApplicable": "N",
            "associatedTemplate": {
                "imageType": "Numberne",
                "selfLinkUrl": "",
                "templateName": "Kubernetes Services",
                "templateUrl": "",
                "priceCategory": "",
                "edition": "",
                "osName": "Linux",
                "osVersion": "-1",
                "machineUsername": "",
                "regions": {
                    "regionName": "asia-south1"
                },
                "description": ""
            }
}
```


Response Parameters

- Result:
  - serviceCatalogId
  - catalogEntityId
  - serviceCatalogName
  - platformEntityId
  - description
  - shortDescription
  - platformName
  - instances
  - tags
  - serviceType
  - requestForApplicable
  - costApplicable
  - apiJsonApplicable
  - slaApplicable
  - associatedTemplate

3.4.11.3 Get Offering Service Catalogs Details by Service Catalog Id

Table 133 - API: GET Service Catalog Offering Details by Service Catalog Id

Element	Description
API	GetOffering
Description	API Returns service catalog details by service catalog Id.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/offerings/serviceCatalogId/{serviceCatalogId}*
URL Parameters (fields in curly {} braces)	• serviceCatalogId (Mandatory): Represents service catalog Id.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"serviceCatalogId": 0,
	"catalogEntityId": "",
	"serviceCatalogName": "",
	"platformEntityId": "",
	"description": "",
	"shortDescription": "",
	"platformName": "",
	"instances": 0,
	"tags": "",
	"serviceType": "",
	"requestForApplicable": "",
	"costApplicable": "",
	"apiJsonApplicable": "",
	"slaApplicable": "",
	"associatedTemplate": {}
	
	}

Response Parameters	• Result: ○ serviceCatalogId ○ catalogEntityId ○ serviceCatalogName ○ platformEntityId ○ description ○ shortDescription ○ platformName ○ instances ○ tags ○ serviceType ○ requestForApplicable ○ costApplicable ○ apiJsonApplicable ○ slaApplicable ○ associatedTemplate

3.4.11.4 Get WorkFlow Tasks by Service Catalog Id

Table 134 – API: GET WorkFlow tasks by Service Catalog Id

Element	Description
API	GetProcessWorkFlowTaskListByServiceCatalogId
Description	API Returns all workflow tasks associated with a service catalog. Service catalog is filtered by service catalog Id.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/offerings/serviceCatalogId/{serviceCatalogId}/workflowTasks*
URL Parameters (fields in curly {} braces)	• **serviceCatalogId (Mandatory)**: ServiceCatalogId for which task list need to fetch. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "taskcode='POWERSHELL'","sortorder": "desc", "pagenumber": "1", "pagesize": "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 1, "records": [{ "templateId": 7, "taskId": 90, "numbertifySuccess": "N", "numbertifyFailure": "N", "sequenceNumber": 2, "taskCustomName": null, "taskName": "UpdateCI", "task": null, "taskCode": "POWERSHELL", "isCustomTask": 1, "fieldName": "", "fieldValue": "", "taskExecutionType": "A", "maxRetryCount": 3, "maxTaskExecutionTimeInMin": 30, "taskShortName": "UpdateCI" }] }`
Response Parameters	• Result: ○ templateId ○ taskId ○ numbertifySuccess ○ numbertifyFailure

	○ sequenceNumber ○ taskCustomName ○ taskName ○ task ○ taskCode ○ isCustomTask ○ fieldName ○ fieldValue ○ taskExecutionType ○ maxRetryCount ○ maxTaskExecutionTimeInMin ○ taskShortName

3.4.11.5 Get Offering Tasks by Servicecatalog Name

Table 135 - API: GET WorkFlow Tasks by Service Catalog Name

Element	Description
API	GetProcessWorkFlowTaskListByServiceCatalogId
Description	API Returns all workflow tasks associated with a service catalog. The service catalog is filtered by service catalog name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/offerings/provisioningEndpoints/{endpointId}/serviceCatalogName/{serviceCatalogName}/workflowTasks*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **serviceCatalogName (Mandatory)**: ServiceCatalogName for which task list need to fetch. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "taskcode='POWERSHELL'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 1, "records": [{ "templateId": 7, "taskId": 90, "numbertifySuccess": "N", "numbertifyFailure": "N", "sequenceNumber": 2, "taskCustomName": null, "taskName": "UpdateCI", "task": null, "taskCode": "POWERSHELL", "isCustomTask": 1, "fieldName": "", "fieldValue": "", "taskExecutionType": "A", "maxRetryCount": 3, "maxTaskExecutionTimeInMin": 30, "taskShortName": "UpdateCI" }] }`

Response Parameters	• Result:
	  ○ templateId
	  ○ taskId
	  ○ numbertifySuccess
	  ○ numbertifyFailure

	○ sequenceNumber ○ taskCustomName ○ taskName ○ task ○ taskCode ○ isCustomTask ○ fieldName ○ fieldValue ○ taskExecutionType ○ maxRetryCount ○ maxTaskExecutionTimeInMin ○ taskShortName

3.4.11.6 Get Service Catalogs Offerings Based on Organization

Table 136 - API: GET Service Catalog Offerings Based on Organization

Element	Description
API	GetEndpointsOffering
Description	API Returns all the service Catalogs publshed in an endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/offerings/organizations/{organizationCode}/provisioningEndPoints/{endpointId}/serviceCatalogs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationCode (Mandatory):** Unique identifier of Organization. Organization Code is available on Manage Organization Screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "serviceCatalogName='S3Cat4'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response:


```
{
  "totalRecords": 1,
  "records": [
    {
      "serviceCatalogId": 2420,
      "catalogEntityId": "CAT-0CAD07BE-E33D-4590-8F6F-
7F1839C9CEB5",
      "catalogName": "S3Cat4",
      "serviceCatalogName": "S3Cat4",
      "platformEntityId": "AMAZN-BD532208-70A9-431E-B4A0-
124F45EBC64D",
      "description": "S3Cat4",
      "shortDescription": "S3Cat4",
      "platformName": "AWSProvisioningEndpoint",
      "instances": 1,
      "tags": "",
      "serviceType": "Default_Blueprint",
      "requestForApplicable": "N",
      "costApplicable": "N",
      "apiJsonApplicable": "N",
      "slaApplicable": "N",
      "associatedTemplate": {
        "imageType": "Numberne",
        "isImage": "N",
        "amiId": "",
        "templateName": "Numbert Applicable",
        "templateUrl": "",
        "productType": "",
        "osName": "Linux",
        "osVersion": "",
        "machineUsername": "",
```

```
        "regions": [
          {
            "regionName": "us-east-1"
          },
          {
            "regionName": "ap-southeast-1"
          },
          {
            "regionName": "ca-central-1"
          },
          {
            "regionName": "cn-numberrth-1"
          }
        ],
        "description": "Numbert Applicable"
      }
    }
}
```


Response Parameters

- Result:
  - serviceCatalogId
  - catalogEntityId
  - serviceCatalogName
  - platformEntityId
  - description
  - shortDescription
  - platformName
  - instances
  - tags
  - serviceType
  - requestForApplicable
  - costApplicable
  - apiJsonApplicable
  - slaApplicable
  - associatedTemplate

Table 137 - API: GET Cloud Templates Based on Platform and Provisioning Endpoint

Element	Description
API	GetCloudTemplates
Description	API Returns all the cloud templates based on platform and provisioning endpoint
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/offerings/ provisioningEndPoints/{endpointId}/templates*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='Cloud Template AWS'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "id": "TEMP-5A1CC5FE-AA3E-42A4-ADB7-622638D25829", "name": "Cloud Template AWS", "hostId": "", "actualIdOnEnvironment": "",

```
      "type": "0",
      "osCode": "OSVER_WIN",
      "maxCpu": "",
      "maxMemory": "",
      "templateGuid": "",
      "templateType": "Numberne",
      "description": "Desc - Cloud Template AWS",
      "imageName": "",
      "imageLocation": "",
      "isPublic": "",
      "osVersion": "-1",
      "osName": "",
      "osProfile": ""
    }
  ]
}
```


Response Parameters

- Result:
  - id
  - name
  - hostId
  - actualIdOnEnvironment
  - type
  - osCode
  - maxCpu
  - maxMemory
  - templateGuid
  - templateType
  - description
  - imageName
  - imageLocation
  - isPublic
  - osVersion
  - osName
  - osProfile

3.4.12 Organization

3.4.12.1 Allocate Resources to Organization

Table 138 - API: Allocate Endpoint to Organization

Element	Description
API	AllocateResources
Description	API Allocates an endpoint to an organization.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/organizations/{organizationCode}/allocateResources*
URL Parameters (fields in curly {} braces)	• organizationCode (Mandatory): Organizationcode for which resources need to allocate.
Body Parameters	`{ "endpointId": "" }`
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Success`
Response Parameters	

Table 139 - API: GET Organization OU Details

Element	Description
API	GetDomainumberUDetails
Description	API Returns domain OU mapped with organization.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/organizations/ouDetails*
URL Parameters (fields in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "ouName='test2'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "domainEntityID": "DMN-50E09258-C89A-446B-A550-79EFB0A48C58", "domainDisplayName": "labs", "ldapUrl": "LDAP:// xxxxxx", "domain": "", "ouName": "test2", "ouDescription": "", "ouUrl": "test2"

	<pre>}
	]
	}</pre>

Response Parameters	• Result: ○ domainEntityID ○ domainDisplayName ○ ldapUrl ○ domain ○ ouName ○ ouDescription ○ ouUrl

3.4.12.3 Get Organizations Users

Table 140 - API: GET Organization Users

Element	Description
API	GetUsersByOrganization
Description	API Returns all users of an organization.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/organizations/users*
URL Parameters (fields in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "email='saxenaga@hcl.com'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 1,`
	`"records": [`
	`{`
	`"entityId": "USER-E01EF533-4373-417A-890D-4F8E0610DAFA",`
	`"userId": "saxenaga",`
	`"userName": "Gaurav Saxena",`
	`"email": "saxenaga@hcl.com",`
	`"roleName": "Requester",`
	`"managerCode": ""`
	`}`
	`]`
	`}`

Response Parameters	• Result: ○ entityId ○ userId ○ userName ○ email ○ roleName ○ managerCode

3.4.12.4 Get Organization AD Users

Table 141 - API: GET Organization AD Users

Element	Description
API	GetADUserDetails
Description	API Returns active directory users of an organization.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/organizations/adUsers*
URL Parameters (fields in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"

	○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "email='saxenaga@hcl.com'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 1, "records": [ { "entityId": "USER-009748FF-E8E2-414B-9957-1CBFE7199576", "userCode": "", "userId": "dhanya.g", "userName": "Dhanya G", "email": "dhanya.g@hcl.com", "adgroupName": "domain users", "managerCode": "" } ] }`
Response Parameters	• Result: ○ entityId ○ userCode ○ userId ○ userName ○ email ○ adgroupName ○ managerCode

3.4.12.5 Create New Organization

Table 136 - API: Create New Organization

Element	Description
API	CreateOrganization
Description	API Creates a new Organization. API is accessible to provider admin.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/organizations*

Body Parameters	{
	"name": "Charanumberrg",
	"code": "SampleTest",
	"description": "To Test the api",
	"currencyCode": "INR"
	}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"organizationEntityId": "ORG-1963566B-82BC-40DC-9679-A035E5BDD8DA",
	"organizationCode": "SampleTest"
	}

Response Parameters	• Result:
	  ○ organizationEntityId
	  ○ organizationCode

3.4.12.6 Create New Organization Under Provider

Table 137 - API: Create new Organization

Element	Description
API	CreateOrganization

Description	API Creates a new Organization. API is accessible to cloud admin and elevated provider service account users.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/organizations/providers/{providerId}/organizations*

Body Parameters	<pre>{
	"name": "Charanumberrg1",
	"code": "SampleTest1",
	"description": "To Test the api",
	"currencyCode": "INR"
	}</pre>
	• **providerId (Mandatory):** Unique Identifier of Provider. It can be any value either ProviderEntityId or Name of the Provider available on Manage Provider screen.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	<pre>{
	"organizationEntityId": "ORG-E530A36D-C711-4271-86FA-ED7189AD7989",
	"organizationCode": "SampleTest1"
	}</pre>

Response Parameters	• Result:
	  ○ organizationEntityId
	  ○ organizationCode

3.4.12.7 Validate the Object for the Given Parameter

Table 137 - API: Validate the Object for The Given Parameter

Element	Description
API	ValidateObjectInfo
Description	API Validates the object for the given parameter.
Method	POST

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/organizations/{organizationCode}/platforms/{platformCode}/preValidateObject*

Body Parameters	<pre>[
	  {
	  "fieldName": "Service Name",
	  "fieldValue": "MachineName",
	  "message": ""
	  }
	]</pre>
	• **organizationCode (Mandatory)**: Organizationcode for which resources need to allocate.
	• **platformCode (Mandatory)**: This is provisioning platform code for which provisioning endpoint needs to be created. Possible values are ARM, AMAZN,GCP and VMWAR and Scvmm.
	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	<pre>{
	  "totalRecords": 1,
	  "records": [
	  {
	  "fieldName": "Service Name",
	  "fieldValue": "MachineName",
	  "message": ""
	  }
	  ]
	}</pre>

Response Parameters	• Result:
	  ○ fieldname
	  ○ fieldValue

	○ message

3.4.12.8 Create a New Organization User

Table 136 - API: Create A New Organization User

Element	Description
API	CreateOrganizationUser
Description	API Creates a new Organization User. API is accessible to provider admin, provider api user, organization admin user and elevated provider user.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/organizations/{organizationCode}/user*

Body Parameters	<pre>{
	"name": "orgTest",
	"email": "testttt@zzzz.com",
	"username": "tesst",
	"password": "zzzzz@zzz",
	"roleCode": [
	"BzzzUSA"
	]
	}</pre>
	• **organizationCode (Mandatory)**: Unique identifier of Organization. This accepts Organization Code/Object Id which is available on Manage Organization screen.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	<pre>[
	{
	"status": "SUCCESS",
	"Message": "User has been added successfully."
	}
	]</pre>

3.4.13 Platform

3.4.13.1 Get Provisioning Endpoints

Table 142 - API: GET Provisioning Endpoints

Element	Description
API	GetProvisioningEndpoints
Description	API Returns all endpoints accessible to user.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/platforms/provisioningEndpoints*
URL Parameters (fields in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "email='saxenaga@hcl.com'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 0,`
	`"records": [`
	`{`
	`"endPoinName": "string",`
	`"entityId": "string",`
	`"organizationCode": "string",`
	`"createdOn": "string"`
	`}`

<table>
<tr><td></td><td><pre>]
}</pre></td></tr>
<tr><td>Response Parameters</td><td>

totalRecords:

records
endPoinName
entityId
organizationCode
createdOn

</td></tr>
</table>

3.4.13.2 Create Endpoint

Table 143 - API:Create EndPoint

Element	Description
API	Create Endpoint
Description	API Creates a provisioning endpoint. API is applicable for all provisioning endpoints.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/platforms/provisioningEndpoints*

Body Parameters	<pre>{
	  "entitytypecode": "ARM",
	  "name": "ARMTEST",
	  "endpointtags": "aws,azure",
	  "armdetails": {
	  "subscriptionid": "12345",
	  "tenantid": "12345",
	  "nativclientid": "fdxfxfg",
	  "clientsecretkey": "guigui",
	  "regionname": "eastasia, eastus2",
	"inputType": "string"
	  },
	  "gcpdetails": {
	  "projectid": "test_123",
	  "privatekey": "test_123",
	  "privatekeyid": "test_id",
	  "clientemail": "sthkxwhring",
	  "authuri": "stjiouring",
	  "tokenuri": "shitring",
	  "scopeurl": "jouj",</pre>

```
    "regionname": "us-east1, europe-west1",
"inputType": "string"

  },
  "vmwardetails": {
    "locationname": "NN",
    "username": "myuser",
    "password": "xxxxxx",
    "templatepath": "/jdije/cjeicjei",
    "url": "test",
"inputType": "string"
  },
  "scvmmdetails": {
    "locationname": "NZ",
    "version": "edwe",
    "url": "strcweing",
    "port": "22",
    "username": "struser",
    "password": "zzzzzzzz",
    "domain": "xyz",
"inputType": "string"
  }
}
```

- **Entitytypecode (Mandatory):** This is provisioning platform code for which provisioning endpoint needs to be created. Possible values are ARM, AMAZN, GCP and VMWAR and Scvmm.
- inputType(Mandatory): inputType should be "plaintext", "secretkey" or "cyberark" .
- for inputype "plantext" secret information (Arm-clientsecretkey,GCP-privatekeyid,AWS- password,VMWAR- password,SCVMM- password) should be plain text value which will save in HCL BigFix CLM in encrypted form.
- For inputype "secretkey" secret information (Arm-clientsecretkey,GCP-privatekeyid,AWS- password,VMWAR- password,SCVMM- password) should be combination of secret configuration name and key created in HCL BigFix CLM through "Key Vault configuration" screen for e.g. "$testing.azurekey"
- For inputype "cyberak" secret information (Arm-clientsecretkey,GCP-privatekeyid,AWS- password,VMWAR- password,SCVMM- password) should be

	cyberak configuration name created in HCL BigFix CLM through "Key Vault configuration" screen.
	For e.g. If entitytypecode is ARM, then only ARM json details require to create endpoint like "armdetails": {
	"subscriptionid": "12345",
	"tenantid": "12345",
	"nativclientid": "fdxfxfg",
	"inputType": "string",
	"secretKey": "string",
	"regionname": "eastasia, eastus2"
	}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"endpointId": "string"
	}

Response Parameters	• endpointId

3.4.13.3 Create a Provisioning Endpoint

Table 144 - API: Create a provisioning Endpoint

Element	Description
API	CreateEndpoint
Description	API Creates a provisioning endpoint. API is only accessible to elevated provider service account users.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/platforms/providerId/{providerId}/provisioningEndpoints*

Body Parameters	{
	"entityTypeCode": "AMAZN",
	"name": "testEndpointAmazon",
	"endpointTags": "",
	"AwsDetails": {
	"acessKey": "1234",

```
    "accountId": "1234",
    "regionName": "ap-east-1",
    "inputType": "plainText",
    "secretKey": "string"
  }
}
```

- **Entitytypecode (Mandatory):** This is provisioning platform code for which provisioning endpoint needs to be created. Possible values are ARM, AMAZN,GCP and VMWAR and Scvmm.
- inputType(Mandatory): inputType should be "plaintext", "secretkey" or "cyberark" .
- for inputype "plantext" secret information (Arm-clientsecretkey,GCP-privatekeyid,AWS- password,VMWAR- password,SCVMM- password) should be plain text value which will save in HCL BigFix CLM in encrypted form.
- For inputype "secretkey" secret information (Arm-clientsecretkey,GCP-privatekeyid,AWS- password,VMWAR- password,SCVMM- password) should be combination of secret configuration name and key created in HCL BigFix CLM through "Key Vault configuration" screen for e.g. "$testing.azurekey"
- For inputype "cyberak" secret information (Arm-clientsecretkey,GCP-privatekeyid,AWS- password,VMWAR- password,SCVMM- password) should be cyberak configuration name created in HCL BigFix CLM through "Key Vault configuration" screen.
- **providerId (Mandatory):** Unique Identifier of Provider. It can be any value either ProviderEntityId or Name of the Provider available on Manage Provider screen.

```
For e.g. If entitytypecode is ARM, then only ARM json
details require to create endpoint like "armdetails": {
    "subscriptionid": "12345",
    "tenantid": "12345",
    "nativclientid": "fdxfxfg",
    "inputType": "string",
    "secretKey": "string",
   "regionname": "eastasia, eastus2"
  }
```

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once

	a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	<pre>{
	"endpointId": " AMAZN-CE164A60-2B9F-4E74-B997-53C3AE4BA528"
	}</pre>

Response Parameters	• endpointId

3.4.14 Request

3.4.14.1 GET Request

Table 145 - API: GET Request

Element	Description
API	Request
Description	This API Returns all request associated to user. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://xx.xxx.xx.xx:xxx/v3/requests?* ***queryParams=*** *{"filter":"status='Fulfilment In-Progress'","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (test in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g., Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "cityName='Virginia'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a

Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description.

- **Content-type**: application/json

Response


```
{
  "totalRecords": 1,
  "records": [
    {
      "requestId": "SRREQ000001",
      "requestNumber": 1,
      "requestDate": "2022-02-22",
      "requestedBy": "USER-870AF6A3-5DB1-45D1-A314-
5DDB43EC0935",
      "requestForEmail": "",
      "status": "Fulfilment In-Progress",
      "statusId": 5,
      "isDraft": "N",
      "comments": "",
      "associatedItems": [
        {
          "requestDetailId": 1,
          "itemNumber": 1,
          "objectType": "VM",
          "provisionRequestDate": "2022-02-22",
          "itemStatus": "Fulfilment In-Progress",
          "itemStatusId": 5,
          "platformEntityId": "ARM-58B227EC-707F-4549-
9EB3-8EB1D06F55D2",
          "platformName": "AzureDev",
          "environment": "Microsoft Azure",
          "regionName": "eastus",
          "locationName": "",
          "serviceCatalogId": 1,
          "serviceCatalogName": "API Testing Service
Catalog",
          "actionProcessTemplateId": 0,
          "requestedAction": "",
          "uiTemplateId": 0,
          "ciId": 285,
```

```
            "objectId": "testVMs",
            "srNumber": "",
            "srRequestNumber": "SRREQ000001-1",
            "cwTimeZone": "",
            "cwChangeDay": "",
            "cwDateTime": ""
          }
        ]
      }
                                                                ]
                                                                }
```


Response Parameters

- totalRecords:
  - records
  - requestId
  - requestNumber
  - requestDate
  - requestedBy
  - requestForEmail
  - status
  - statusId
  - isDraft
  - comments
  - associatedItems
- requestDetailId
- itemNumber
- objectType
- provisionRequestDate
- itemStatus
- itemStatusId
- platformEntityId
- platformName
- environment
- regionName
- locationName
- serviceCatalogId
- serviceCatalogName

	• actionProcessTemplateId • requestedAction • uiTemplateId • ciId • objectId • srNumber • srRequestNumber • cwTimeZone • cwTimeZone • cwDateTime

3.4.14.2 Create Request

Table 146 - API: Create Request

Element	Description
API	Createrequest
Description	This API Creates a provisioning request. Users can create requests with minimum set of parameters from HCL BigFix CLM 10.5 version onwards. There are 2 options to create requests. • Provision Request with Service Catalog Name and endpointId • Provision Request with servicecatalogid * Refer Accessibility Matrix for permission.
Method	POST
URL	*Http(s)://xx.xxx.xx.xx:xxx/v3/requests*

Body Parameters	Provision Request with Service Catalog Name and endpointId
	(set one)
	{
	"items": [
	{
	"businessparameters": {
	"RequestDate": "04/06/2022",
	
	"period": "3",

```
                                    "PeriodValue": "Month(s)",
                                        "DDate": "07/05/2022",
                                    "Region": "Numberrth India",
                                            "Location": "Delhi",
                                "ddlserviceplan": "platinum",
                            "ddlCostType": "Allocation based model",
                                    "VmdisplayName": "sampleVM",
                                            "Remarks": "sample"



                                                                    }

                                                                    }
                                                                ],
 "endpointId": "VMWAR-4ECB9769-DE5A-4047-A7AD-840088EA264A",
                            "serviceCatalogName": "Vcenter Service",
                                        "requestforEMail": ""
}
-----------------------------------------------------------------
Provision Request with servicecatalogid (Set Two)
{
                                                        "items": [
                                                                {
                                        "businessparameters":{
                                    "RequestDate": "04/06/2022",
                                                "period": "3",
                                    "PeriodValue": "Month(s)",
```

<table>
<tr><td></td><td>

<pre>
"DDate": "07/05/2022",
"Region": "Numberrth India",
"Location": "Delhi",
"ddlserviceplan": "platinum",
"ddlCostType": "Allocation based model",
"VmdisplayName": "sampleVM",
"Remarks": "sample"
}
}
],
"serviceCatalogId": "6",
"requestforEMail": ""
}
</pre>

</td></tr>
<tr><td>Header</td><td>

- **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization Key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer "GET TOKEN" API description.
- **Content-type**: application/json

</td></tr>
<tr><td>Response</td><td>

Sample Response:

<pre>
{
"id": 126,
"requestNumber": "SRREQ000126"
}
</pre>

</td></tr>
<tr><td>Response Parameters</td><td>

- id:
- requestNumber

</td></tr>
</table>

3.4.14.3 Update Request

Table 147 - API: Update Request

Element	Description
API	UpdateRequest
Description	This API Updates an existing request by requestId. * Refer Accessibility Matrix for permission.
Method	PUT
URL	*Http(s)://xx.xxx.xx.xx:xxx/v3/requests*

Body Parameters	{
	"items": [
	{
	"businessparameters": {
	"RequestDate": "04/06/2022",
	"period": "3",
	"PeriodValue": "Month(s)",
	"DDate": "07/05/2022",
	"Region": "Numberrth India",
	"Location": "Delhi",
	"ddlserviceplan": "platinum",
	"ddlCostType": "Allocation based model",
	"VmdisplayName": "sampleVM",
	"Remarks": "sample"

	} }], "requestNumber": "137" }
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization Key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer "GET TOKEN" API description. • **Content-type**: application/json

Response	Sample Response:
	{
	"id": 126,
	"requestNumber": "SRREQ000126"
	}

Response Parameters	• id: • requestNumber

3.4.14.4 Create Request for Action

Table 148 - API: Create Request for Action

Element	Description
API	Createactionrequest
Description	This API Creates an action request for a CI. Create action request based on given parameters. • With CIID and ActionCode • With CIID and actionprocesstemplateid • With objectid, objecttype and action Code • With objectid, objecttype, action processtemplateid. * Refer Accessibility Matrix for permission.
Method	POST

URL	*Http(s)://xx.xxx.xx.xx:xxx/v3/requests/action*

Body Parameters	<pre>{
	"items": [
	{
	"businessparameters": {
	"TestingVariable": ""
	},
	"sys_changenumber": ""
	}
	],
	"ciMasterId": "",-"", Either ciid or objectid is mandatory
	"actionCode": "",- Either actionaname or actionprocesstemplateid is mandatory
	"objectId": "", Either ciid or objectid is mandatory
	"objectType": "", if we give objectid in json then objecttype is mandatory.
	"actionProcessTemplateId": ""- Either actionaname or actionprocesstemplateid is mandatory
	}</pre>

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	Sample Response:
	<pre>{
	"id": 126,
	"requestNumber": "SRREQ000126"</pre>

	}
Response Parameters	• id: • requestNumber

3.4.14.5 Update Request for Action

Table 149 - API: Update Request for Action

Element	Description
API	Createactionrequest_v2
Description	This API Updates an action request by requestId. * Refer Accessibility Matrix for permission.
Method	PUT
URL	*Http(s)://xx.xxx.xx.xx:xxx/v3/requests/action*

Body Parameters	{
	"items": [
	{
	"businessparameters": {
	"TestingVariable": ""
	},
	"sys_changenumber": ""
	}
	],
	" requestNumber": "6"
	}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	Sample Response: {

	"id": 126, "requestNumber": "SRREQ000126" }
Response Parameters	• id: • requestNumber

3.4.14.6 GET Request Details by RequestNumber

Table 150 - API: GET Request Details by request Number

Element	Description
API	GetrequestDetails
Description	This API Returns request details by request number. *Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://xx.xxx.xx.xx:xxx/v3/requests/requestNumber/{requestNumber}*
URL Parameters (test in curly {} braces)	• **requestNumber(Mandatory)**: This is a unique identifier of request created in HCL BigFix CLM.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, referToken API description. • **Content-type**: application/json
Response	{ "requestId": "SRREQ000001", "requestNumber": 1, "requestDate": "2022-02-22", "requestedBy": "USER-870AF6A3-5DB1-45D1-A314-5DDB43EC0935", "requestForEmail": "", "status": "Fulfilment In-Progress", "statusId": 5, "isDraft": "N", "comments": "", "associatedItems": [

```
    {
      "requestDetailId": 1,
      "itemNumber": 1,
      "objectType": "VM",
      "provisionRequestDate": "2022-02-22",
      "itemStatus": "Fulfilment In-Progress",
      "itemStatusId": 5,
      "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-
8EB1D06F55D2",
      "platformName": "AzureDev",
      "environment": "Microsoft Azure",
      "regionName": "eastus",
      "locationName": "",
      "serviceCatalogId": 1,
      "serviceCatalogName": "API Testing Service
Catalog",
      "actionProcessTemplateId": 0,
      "requestedAction": "",
      "uiTemplateId": 0,
      "ciId": 285,
      "objectId": "testVMs",
      "srNumber": "",
      "srRequestNumber": "SRREQ000001-1",
      "cwTimeZone": "",
      "cwChangeDay": "",
      "cwDateTime": "",
      "businessParameters": [
        {
          "requestDetailsExtendedId": 4,
          "requestDetailId": 1,
          "keyName": "Address",
          "keyValue": "aa",
          "keyDisplayName": "Address",
          "tabName": "Test API",
          "controlType": "text"
        },
        {
          "requestDetailsExtendedId": 3,
          "requestDetailId": 1,
```

```
          "keyName": "Name",
          "keyValue": "aa",
          "keyDisplayName": "Name",
          "tabName": "Test API",
          "controlType": "text"
        },
        {
          "requestDetailsExtendedId": 1,
          "requestDetailId": 1,
          "keyName": "RequestDetailID",
          "keyValue": "1",
          "keyDisplayName": "RequestDetailID",
          "tabName": "",
          "controlType": "hidden"
        },
        {
          "requestDetailsExtendedId": 2,
          "requestDetailId": 1,
          "keyName": "RequestMasterNumber",
          "keyValue": "1",
          "keyDisplayName": "RequestMasterNumber",
          "tabName": "",
          "controlType": "hidden"
        }
      ]
    }
  ]
}
```


Response Parameters

- requestId
- requestNumber
- requestDate
- requestedBy
- requestForEmail
- status
- statusId
- isDraft
- comments

- associatedItems
- requestDetailId
- itemNumber
- objectType
- provisionRequestDate
- itemStatus
- itemStatusId
- platformEntityId
- platformName
- environment
- regionName
- locationName
- serviceCatalogId
- serviceCatalogName
- actionProcessTemplateId
- requestedAction
- uiTemplateId
- ciId
- objectId
- srNumber
- srRequestNumber
- cwTimeZone
- cwChangeDay
- cwDateTime
- businessParameters
- requestDetailsExtendedId
- requestDetailId
- keyName
- keyValue
- keyDisplayName
- tabName
- controlType

Table 151 - API: GET Request Details by request Number and itemnumber

Element	Description
API	Getrequest
Description	This API returns Returns request details by request number and item number. *Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://xx.xxx.xx.xx:xxx/V2/v3/requests/requestNumber/{requestNumber}/itemNumber/{itemNumber}*
URL Parameters (test in curly {} braces)	• **Requestnumber (Mandatory)**: This is a unique identifier of request created in HCL BigFix CLM. • **Itemnumber (Mandatory)**: Number of instances created with request.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "requestDetailId": 1, "itemNumber": 1, "objectType": "VM", "provisionRequestDate": "2022-02-22", "itemStatus": "Fulfilment In-Progress", "itemStatusId": 5, "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-8EB1D06F55D2", "platformName": "AzureDev", "environment": "Microsoft Azure", "regionName": "eastus", "locationName": "", "serviceCatalogId": 1, "serviceCatalogName": "API Testing Service Catalog", "actionProcessTemplateId": 0, "requestedAction": "",

```
  "uiTemplateId": 0,
  "ciId": 285,
  "objectId": "testVMs",
  "srNumber": "",
  "srRequestNumber": "SRREQ000001-1",
  "cwTimeZone": "",
  "cwChangeDay": "",
  "cwDateTime": "",
  "businessParameters": [
    {
      "requestDetailsExtendedId": 4,
      "requestDetailId": 1,
      "keyName": "Address",
      "keyValue": "aa",
      "keyDisplayName": "Address",
      "tabName": "Test API",
      "controlType": "text"
    },
    {
      "requestDetailsExtendedId": 3,
      "requestDetailId": 1,
      "keyName": "Name",
      "keyValue": "aa",
      "keyDisplayName": "Name",
      "tabName": "Test API",
      "controlType": "text"
    },
    {
      "requestDetailsExtendedId": 1,
      "requestDetailId": 1,
      "keyName": "RequestDetailID",
      "keyValue": "1",
      "keyDisplayName": "RequestDetailID",
      "tabName": "",
      "controlType": "hidden"
    },
    {
      "requestDetailsExtendedId": 2,
      "requestDetailId": 1,
```

```
      "keyName": "RequestMasterNumber",
      "keyValue": "1",
      "keyDisplayName": "RequestMasterNumber",
      "tabName": "",
      "controlType": "hidden"
    }
  ]
}
```


Response Parameters

- requestDetailId
- itemNumber
- objectType
- provisionRequestDate
- itemStatus
- itemStatusId
- platformEntityId
- platformName
- environment
- regionName
- locationName
- serviceCatalogId
- serviceCatalogName
- actionProcessTemplateId
- requestedAction
- uiTemplateId
- ciId
- objectId
- srNumber
- srRequestNumber
- cwTimeZone
- cwChangeDay
- cwDateTime
- businessParameters
- requestDetailsExtendedId
- requestDetailId
- keyName

	• keyValue • keyDisplayName • tabName • controlType

3.4.14.8 GET Request Business parameters Details

Table 152 - API: GET Request Business Parameters Details

Element	Description
API	Getallrequestdetails
Description	This API Returns business parameters associated with a request-by-request number and item number. * Refer Accessibility Matrix for permission.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/Requests/v3/requests/requestNumber/{requestNumber}/itemNumber/{itemNumber}/businessParameters?* ***queryParams=*** *{"filter":"KeyName='Name'","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*

URL Parameters (test in curly {} braces)	• **Requestnumber (Mandatory)**: Created Request number.
	• **Itemnumber(Mandatory)**: Number of instances created with request.
	• queryParams (Optional): It is used for filtering and sorting of records. It has three properties, which are as follows:
	  ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"
	  ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".
	  ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1"
	  ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10"
	For e.g. {"filter": "cityName='Virginia'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 1,
	"records": [
	{
	"requestDetailsExtendedId": 3,
	"requestDetailId": 1,
	"keyName": "Name",
	"keyValue": "aa",
	"keyDisplayName": "Name",
	"tabName": "Test API",
	"controlType": "text"
	}
	]
	}

Response Parameters	• Result: [includes all information including keys and value of dynamic UI associated with request] • Status • Errormessage • Message

3.4.14.9 Update request Business Parameters

Table 153 - API: Insert Update Business Parameters

Element	Description
API	Insertupdatekeyvalue
Description	This API Create or Update business Parameters for a request. If business parameters exist, then the value will be updated else new parameters will be created. * Refer Accessibility Matrix for permission.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/requests/requestNumber/{requestNumber}/itemNumber/{itemNumber}/businessParameters*

Body Parameters	{
	"keyValueJson":{"Disk":"A0_Small","Data":"Small"}
	}

	• **Requestnumber:** (Mandatory) This is a unique identifier of a request created in HCL BigFix CLM. • **Keyvaluejson:** It is a JSON object containing key value pair to update requestdetailextended. Requestdetailsextended is a table in HCL BigFix CLM which stores the keys and vaules of a request form. • **Itemnumber(Mandatory)**: Number of instances created with request.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	Sample Response: `Success`
Response Parameters	

3.4.14.10 Update SR Number

Table 154 - API: Update SR number

Element	Description
API	Insertupdatekeyvalue
Description	This API Update SR number for a request-by-request number and item number. * Refer Accessibility Matrix for permission.
Method	PATCH
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}v3/requests/requestNumber/{requestNumber}/itemNumber/{itemNumber}/updateSRNumber*
Body Parameters	`{ "srNumber": "string" }` • **Requestnumber:** (Mandatory) This is a unique identifier of a request created in HCL BigFix CLM.

	• **Keyvaluejson:** It is a JSON object containing key value pair to update requestdetailextended. Requestdetailsextended is a table in HCL BigFix CLM which stores the keys and vaules of a request form. • **Itemnumber(Mandatory)**: Number of instances created with request. • srNumber**(Mandatory)**: Unique ticket number of ITSM/SNUMBERW
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	Sample Response: `"Success"`
Response Parameters	

3.4.14.11 Get Offering Details Associated with Request

Table 155 - API: Get Offering Details with Request

Element	Description
API	GetOfferingDetails
Description	This API Returns service catalog detail associated with request. * Refer Accessibility Matrix for permission.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/Requests/v3/requests/requestNumber/{requestNumber}/offerings*
Body Parameters	• **Requestnumber:** (Mandatory) This is a unique identifier of a request created in HCL BigFix CLM.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	Sample Response:


```
{
  "serviceCatalogId": 1,
  "catalogEntityId": "CAT-1EA36F32-50C5-4763-B36A-
75B6421F4A98",
  "serviceCatalogName": "API Testing Service Catalog",
  "platformEntityId": "ARM-58B227EC-707F-4549-9EB3-
8EB1D06F55D2",
  "description": "API Testing Service Catalog",
  "shortDescription": "API Testing Service Catalog",
  "platformName": "AzureDev",
  "instances": 2,
  "tags": "",
  "serviceType": "",
  "requestForApplicable": "N",
  "costApplicable": "N",
  "apiJsonApplicable": "Y",
  "slaApplicable": "N",
  "associatedTemplate": {
    "imageType": "Numberne",
    "name": "Api Testing Template",
    "url": "",
    "isImage": "N",
    "storageKey": "",
    "storagePath": "",
    "publisher": "",
    "offer": "",
    "sku": "",
    "priceCategory": "Windows Virtual Machines",
    "edition": "",
    "osName": "Linux",
    "osVersion": "-1",
    "machineUsername": "aa",
    "regions": {
      "regionName": "eastus"
    },
    "description": ""
  }
```

	} ```
Response Parameters	• serviceCatalogId • catalogEntityId • serviceCatalogName • platformEntityId • description • shortDescription • platformName • instances • tags • serviceType • requestForApplicable • costApplicable • apiJsonApplicable • slaApplicable • associatedTemplate • imageType • name • url • isImage • storageKey • storagePath • publisher • offer • sku • priceCategory • edition • osVersion • machineUsername • regions • regionName • description

Table 156 - API: Get Request Summary of Passed Provider

Element	Description
API	GetRequestSummary
Description	This API returns request summary of a passed Provider. API is accessible to cloud admin, Provider admin and elevated provider service account users. * Refer Accessibility Matrix for permission.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/Requests/v3/requests/providerId/{providerId}/summary*
URL Parameters (fields in curly {} braces)	• **providerId (Mandatory):** This is a unique identifier of a Provider. It can be any value either ProviderEntityId or Name of the Provider available on Manage Provider screen. • queryParams (Optional)
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	Sample Response: { "totalRecords": 7, "records": [{ "platformName": "Amazon Web Services", "platformCode": "AMAZN", "totalRequest": 41, "successRequest": 0, "failedRequest": 22, "approvalPendingRequest": 13, "itVerificationPendingRequest": 2, "inProgressRequest": 2, "approvedRequest": 0, "referBackRequest": 1,

```
      "rejectedRequest": 0,
      "cancelledRequest": 1
    },
    {
      "platformName": "Cisco Intersight",
      "platformCode": "CICO",
      "totalRequest": 59,
      "successRequest": 9,
      "failedRequest": 25,
      "approvalPendingRequest": 10,
      "itVerificationPendingRequest": 13,
      "inProgressRequest": 0,
      "approvedRequest": 0,
      "referBackRequest": 2,
      "rejectedRequest": 0,
      "cancelledRequest": 0
    },
    {
      "platformName": "Compute on Demand-Vcenter",
      "platformCode": "VMWAR",
      "totalRequest": 143,
      "successRequest": 24,
      "failedRequest": 63,
      "approvalPendingRequest": 50,
      "itVerificationPendingRequest": 3,
      "inProgressRequest": 3,
      "approvedRequest": 0,
      "referBackRequest": 0,
      "rejectedRequest": 0,
      "cancelledRequest": 0
    },
    {
      "platformName": "Generic Endpoint",
      "platformCode": "LDZ",
      "totalRequest": 20,
      "successRequest": 2,
      "failedRequest": 18,
      "approvalPendingRequest": 0,
      "itVerificationPendingRequest": 0,
```

```
      "inProgressRequest": 0,
      "approvedRequest": 0,
      "referBackRequest": 0,
      "rejectedRequest": 0,
      "cancelledRequest": 0
    },
    {
      "platformName": "Google Cloud Platform",
      "platformCode": "GCP",
      "totalRequest": 58,
      "successRequest": 14,
      "failedRequest": 19,
      "approvalPendingRequest": 3,
      "itVerificationPendingRequest": 2,
      "inProgressRequest": 3,
      "approvedRequest": 0,
      "referBackRequest": 0,
      "rejectedRequest": 1,
      "cancelledRequest": 0
    },
    {
      "platformName": "Microsoft Azure",
      "platformCode": "ARM",
      "totalRequest": 95,
      "successRequest": 7,
      "failedRequest": 38,
      "approvalPendingRequest": 27,
      "itVerificationPendingRequest": 11,
      "inProgressRequest": 11,
      "approvedRequest": 0,
      "referBackRequest": 1,
      "rejectedRequest": 0,
      "cancelledRequest": 0
    },
    {
      "platformName": "multi-hypervisor",
      "platformCode": "MHV",
      "totalRequest": 28,
      "successRequest": 1,
```

```
      "failedRequest": 23,
      "approvalPendingRequest": 2,
      "itVerificationPendingRequest": 2,
      "inProgressRequest": 0,
      "approvedRequest": 0,
      "referBackRequest": 0,
      "rejectedRequest": 0,
      "cancelledRequest": 0
    }
  ]
}
```


Response Parameters	• Result: ○ platformName ○ platformCode ○ totalRequest ○ successRequest ○ failedRequest ○ approvalPendingRequest ○ itVerificationPendingRequest ○ inProgressRequest ○ approvedRequest ○ referBackRequest ○ rejectedRequest ○ cancelledRequest

3.4.15 SCVMM

3.4.15.1 Get Cloud Details

Table 157 - API: GET SCVMM Clouds

Element	Description
API	GetScvmmCloudMaster
Description	API Returns SCVMM cloud(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/provisioningEndPoints/{endpointId}/clouds*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "virtualMachines='10'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "entityId": "CLOUD-516BA9F1-407E-468C-9945-282F2B65BA7A", "actualIdOnEnvironment": "xxxxxx", "name": "Test", "platformEntityId": "SCVM2-8F1E78E7-04D3-4AAF-822F-4D9D1E63DACD", "virtualCpuCount": 10, "virtualCpuCountLimited": 18, "memory": 10240, "memoryLimited": 14.0, "storage": 10, "storageLimited": 244, "customQuota": 10,

```
            "customQuotaLimited": 6,
            "virtualMachinesLimited": 6,
            "virtualMachines": 10,
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]

}
```


Response Parameters	• Result: ○ entityId ○ actualIdOnEnvironment ○ name ○ platformEntityId ○ virtualCpuCount ○ virtualCpuCountLimited ○ memory ○ memoryLimited ○ storage ○ storageLimited ○ customQuota ○ customQuotaLimited ○ virtualMachinesLimited ○ virtualMachines ○ associatedServicePlans

3.4.15.2 Get Cloud Detail by Service Plan

Table 158 - API: GET SCVMM Clouds by Service Plan

Element	Description
API	GetScvmmCloudMaster
Description	API Returns SCVMM cloud(s) exist in endpoint and mapped with filtered service plan.
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/provisioningEndPoints/{endpointId}/clouds/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "virtualMachines='10'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "entityId": "CLOUD-516BA9F1-407E-468C-9945-282F2B65BA7A", "actualIdOnEnvironment": "xxxxxx", "name": "Test", "platformEntityId": "SCVM2-8F1E78E7-04D3-4AAF-822F-4D9D1E63DACD", "virtualCpuCount": 10, "virtualCpuCountLimited": 18, "memory": 10240, "memoryLimited": 14.0,

```
            "storage": 10,
            "storageLimited": 244,
            "customQuota": 10,
            "customQuotaLimited": 6,
            "virtualMachinesLimited": 6,
            "virtualMachines": 10,
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]

}
```


Response Parameters	• Result: ○ entityId ○ actualIdOnEnvironment ○ name ○ platformEntityId ○ virtualCpuCount ○ virtualCpuCountLimited ○ memory ○ memoryLimited ○ storage ○ storageLimited ○ customQuota ○ customQuotaLimited ○ virtualMachinesLimited ○ virtualMachines ○ associatedServicePlans

3.4.15.3 Get Host Details

Table 159 - API: GET SCVMM Host Details

Element	Description
API	GetScvmmHostMaster

Description	API Returns SCVMM host(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/provisioningEndPoints/{endpointId}/hosts*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "hostGroupName='All Hosts'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 1,`
	`"records": [`
	`{`
	`"entityId": "HOST-74DC5A6C-52F5-407D-BD82-E4D6A86EE9A3",`
	`"actualIdOnEnvironment": "beee7980-10e6-4374-9ef4-30e53d978597",`
	`"name": "inprhyper05..com",`
	`"platformEntityId": "SCVM2-8F1E78E7-04D3-4AAF-822F-4D9D1E63DACD",`
	`"cloudName": "Test",`
	`"cloudActualIdOnEnvironment": "xxxxxx",`
	`"hostGroupName": "All Hosts",`

```
            "hostGroupActualIdOnEnvironment": "xxxxxx",
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters	• Result: ○ entityId ○ actualIdOnEnvironment ○ name ○ platformEntityId ○ cloudName ○ cloudActualIdOnEnvironment ○ hostGroupName ○ hostGroupActualIdOnEnvironment ○ associatedServicePlans

3.4.15.4 Get Host Details by Service Plan

Table 160 - API: GET SCVMM Hosts by Service Plan

Element	Description
API	GetScvmmHostMaster
Description	API Returns SCVMM host(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/provisioningEndPoints/{endpointId}/hosts/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan.

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "hostGroupName='All Hosts'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 1,
	"records": [
	{
	"entityId": "HOST-74DC5A6C-52F5-407D-BD82-E4D6A86EE9A3",
	"actualIdOnEnvironment": "xxxxxx",
	"name": "inprhyper05..com",
	"platformEntityId": "SCVM2-8F1E78E7-04D3-4AAF-822F-4D9D1E63DACD",
	"cloudName": "Test",
	"cloudActualIdOnEnvironment": "xxxxxx",
	"hostGroupName": "All Hosts",
	"hostGroupActualIdOnEnvironment": "0e3ba228-a059-46be-aa41-2f5cf0f4b96e",
	"associatedServicePlans": [
	{
	"servicePlanId": "2",
	"servicePlanName": "silver"
	}

	<pre>]
	}
	]
	}</pre>

Response Parameters	• Result: ○ entityId ○ actualIdOnEnvironment ○ name ○ platformEntityId ○ cloudName ○ cloudActualIdOnEnvironment ○ hostGroupName ○ hostGroupActualIdOnEnvironment ○ associatedServicePlans

3.4.15.5 Get Networks

Table 161 - API: GET SCVMM Networks

Element	Description
API	GetScvmmNetworkMaster
Description	API Returns SCVMM network(s) exists in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/provisioningEndPoints/{endpointId}/networks*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "totalAllocatedIp='1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 1,
	"records": [
	{
	"entityId": "NTW-404CD49F-10E5-4052-833A-4A76E207AF82",
	"actualIdOnEnvironment": "2f1f817a-b902-4f78-8563-01f4fa5b3119",
	"name": "Cisco VIC Ethernet Interface #2 - Virtual Switch",
	"totalAllocatedIp": 1,
	"totalFreeIp": 0,
	"platformEntityId": "SCVM2-8F1E78E7-04D3-4AAF-822F-4D9D1E63DACD",
	"cloudName": "Test",
	"cloudActualIdOnEnvironment": "b6430c9d-90f4-4400-b5c2-afe465800d85",
	"hostName": "xxxxxx",
	"hostActualIdOnEnvironment": "beee7980-10e6-4374-9ef4-30e53d978597",
	"associatedServicePlans": [
	{
	"servicePlanId": "2",
	"servicePlanName": "silver"
	}
	]
	}
	]
	}

Response Parameters	• Result:

	○ entityId ○ actualIdOnEnvironment ○ name ○ totalAllocatedIp ○ totalFreeIp ○ platformEntityId ○ cloudName ○ cloudActualIdOnEnvironment ○ hostName ○ hostActualIdOnEnvironment ○ associatedServicePlans

3.4.15.6 Get Networks by Service Plan

Table 162 - API: GET SCVMM Networks by Service Plan

Element	Description
API	GetScvmmNetworkMaster
Description	API Returns SCVMM network(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/provisioningEndPoints/{endpointId}/networks/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "totalAllocatedIp='1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 1, "records": [{ "entityId": "NTW-404CD49F-10E5-4052-833A-4A76E207AF82", "actualIdOnEnvironment": "xxxxxx", "name": "Cisco VIC Ethernet Interface #2 - Virtual Switch", "totalAllocatedIp": 1, "totalFreeIp": 0, "platformEntityId": "SCVM2-8F1E78E7-04D3-4AAF-822F-4D9D1E63DACD", "cloudName": "Test", "cloudActualIdOnEnvironment": "b6430c9d-90f4-4400-b5c2-afe465800d85", "hostName": "xxxxxx", "hostActualIdOnEnvironment": "beee7980-10e6-4374-9ef4-30e53d978597", "associatedServicePlans": [{ "servicePlanId": "2", "servicePlanName": "silver" }] }] }`
Response Parameters	• Result: ○ entityId

	○ actualIdOnEnvironment ○ name ○ totalAllocatedIp ○ totalFreeIp ○ platformEntityId ○ cloudName ○ cloudActualIdOnEnvironment ○ hostName ○ hostActualIdOnEnvironment ○ associatedServicePlans

3.4.15.7 Get Host Group

Table 163 - API: GET SCVMM Host Groups

Element	Description
API	GetScvmmHostGroupMaster
Description	API Returns SCVMM host group(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/provisioningEndPoints/{endpointId}/hostGroups*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='All Hosts'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 1,
	"records": [
	{
	"entityId": "HOSTG-46A18B60-7C8D-4E72-85C1-F11BC3FCE30D",
	"actualIdOnEnvironment": "0e3ba228-a059-46be-aa41-2f5cf0f4b96e",
	"name": "All Hosts",
	"platformEntityId": "SCVM2-8F1E78E7-04D3-4AAF-822F-4D9D1E63DACD",
	"cloudName": "Test",
	"cloudActualIdOnEnvironment": "xxxxxx",
	"associatedHosts": [
	{
	"hostName": "xxxxxx",
	"hostActualIdOnEnvironment": "xxxxxx"
	}
	],
	"associatedServicePlans": [
	{
	"servicePlanId": "2",
	"servicePlanName": "silver"
	}
	]
	}
	]
	}

Response Parameters	• Result: ○ entityId ○ actualIdOnEnvironment ○ name ○ platformEntityId ○ cloudName ○ cloudActualIdOnEnvironment ○ associatedHosts

	○ associatedServicePlans

3.4.15.8 Get Host Group by Service Plan

Table 164 - API: GET SCVMM Host Groups by Service Plan

Element	Description
API	GetScvmmHostGroupMaster
Description	API Returns SCVMM host group(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/provisioningEndPoints/{endpointId}/hostGroups/servicePlanName/{servicePlanName}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory)**: This field refers servicePlanName to ServicePlanName in Manage Service Plan. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='All Hosts'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 1,`
	`"records": [`

```
        {
            "entityId": "HOSTG-46A18B60-7C8D-4E72-85C1-
F11BC3FCE30D",
            "actualIdOnEnvironment": "0e3ba228-a059-46be-
aa41-2f5cf0f4b96e",
            "name": "All Hosts",
            "platformEntityId": "SCVM2-8F1E78E7-04D3-
4AAF-822F-4D9D1E63DACD",
            "cloudName": "Test",
            "cloudActualIdOnEnvironment": "b6430c9d-90f4-
4400-b5c2-afe465800d85",
            "associatedHosts": [
                {
                    "hostName": "xxxxxx..com",
                    "hostActualIdOnEnvironment": "xxxxxx-
10e6-4374-9ef4-30e53d978597"
                }
            ],
            "associatedServicePlans": [
                {
                    "servicePlanId": "2",
                    "servicePlanName": "silver"
                }
            ]
        }
    ]
}
```


Response Parameters

- Result:
  - entityId
  - actualIdOnEnvironment
  - name
  - platformEntityId
  - cloudName
  - cloudActualIdOnEnvironment
  - associatedHosts
  - associatedServicePlans

Table 165 - API: GET SCVMM Sizes

Element	Description
API	GetAllocatedPrivateCloudSize
Description	API Returns size(s) mapped to an organization.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/sizes*
URL Parameters (fields in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "diskSize='80'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 4, "records": [{ "description": "Small (vCPU: 1, Memory: 2 GB) ", "sizeId": 5, "name": "Small", "vCPU": 1, "memory": 2, "diskSize": 80, "sequenceNumber": 0

	<pre>}
	]
	}</pre>

Response Parameters	• Result: ○ description ○ sizeId ○ name ○ vCPU ○ memory ○ diskSize ○ sequenceNumber

3.4.15.10 Add SCVMM Size

Table 166 - API: Add SCVMM Size

Element	Description
API	InsertPrivateCloudSize
Description	API Add size applicable for an organization. Users must have provider and organization admin role to execute API.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/organizations/{organizationCode}/sizes*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen.

Body Parameters	<pre>{
	"name": "",
	"vCPU": 0,
	"memory": 0,
	"diskSize": 0,
	"sequenceNumber": 0
	}</pre>

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response: `Success`
Response Parameters	

3.4.15.11 Update SCVMM Size

Table 167 - API: Update SCVMM Size

Element	Description
API	UpdatePrivateCloudSize
Description	API Update size applicable for an organization. Users must have provider and organization admin role to execute API.
Method	PUT
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/organizations/{organizationCode}/sizes*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Represents Organization Code from Manage Organization Screen.

Body Parameters	{
	"sizeId": "",
	"name": "",
	"vCPU": 0,
	"memory": 0,
	"diskSize": 0,
	"sequenceNumber": 0
	}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Success`
Response Parameters	

Table 168 - API: Reserve SCVMM Ip Address

Element	Description
API	ReserveAndGetScvmmFreeIpDetails
Description	API Reserves and returns IPaddress for an object i.e. IP will be blocked in passed network.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/provisioningEndPoints/{endpointId}/networks/{networkEntityId}/freeIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **networkEntityId (Mandatory)**: this parameter represents the network entity id for which IPs are to be fetched.
Body Parameters	`{ "ObjectID": "", "NICPrefix":"" }`
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "networkName": "PublicSubnet3", "ipAddress": "xxxxxx", "subnetMask": "xxxxxx", "defaultGateway": "xxxxxx", "networkType": "NET_T1" }`
Response Parameters	• Result: ○ networkName ○ ipAddress ○ subnetmask

	○ defaultGateway ○ networkType

3.4.15.13 Release SCVMM IP Address

Table 169 - API: Release SCVMM IP Address

Element	Description
API	ReserveAndGetScvmmFreeIpDetails
Description	API Releases blocked/reserved IPaddress.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/scvmm/provisioningEndPoints/{endpointId}/networks/{networkEntityId}/releaseIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **networkEntityId (Mandatory)**: this parameter represents the network entity id for which IPs are to be fetched.
Body Parameters	`{ "IPAddress": "" }`
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `Success`
Response Parameters	

3.4.16 Software Provisioning

3.4.16.1 Get Software Provisioning Platform

Table 170 - API: Get Software Provisioning Platform

Element	Description

API	GetSoftwareProvisioningPlaform
Description	This API Returns software provisioning endpoint and software details associated with a provisioning endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/softwareprovisioningEndpoints/provisioningEndPoints/{endpointId}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"entityId": "BL-22FDA459-ED5B-4041-A787-C8C1A429D22B",
	"name": "BladeLogic Name 2",
	"type": "BladeLogic",
	"typeCode": "BL",
	"location": "Delhi",
	"userName": "UserName",
	"authenticationProfile": "Authentication Profile",
	"associatedPackages": [
	{
	"actualName": "ActualName01",
	"displayName": "DisplayName01",
	"version": "111",
	"osName": "Windows"
	},
	{
	"actualName": "ActualName02",
	"displayName": "DisplayName02",
	"version": "12",
	"osName": "Linux"
	}
	],
	"bladeLogicProfile": "BladeLogic Profile"

	} }
Response Parameters	• Result: ○ entityId ○ name ○ type ○ typeCode ○ location ○ authenticationProfile ○ username ○ associatedPackages ○ actualName ○ displayName ○ version ○ osName ○ bladeLogicProfile

3.4.17 Vcenter

3.4.17.1 Get Vcenter Clusters

Table 171 - API: Get VCENTER Clusters

Element	Description
API	Getallclusters
Description	This API Returns Vcenter clusters(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/clusters?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (fields in curly {} braces)	• **endpointId(Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional):** It is used for filtering and sorting of records. It has three properties which are as follows: ○ **filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **sortby:** To sort the data based on column name. E.g. Sortby="keyname" ○ **sortorder:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".

	○ **Pagenumber:** To see the results based on Page Number. (by default, it should be 1). ○ **Pagesize:** Number of records that need to get fitted in each page (by default it should be 20000). For e.g. {"filter": "name='secondry-compute'","sortby": "text","sortorder": "desc", "pagenumber":"1","pagesize":"20000"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 1,
	"records": [
	{
	"actualIdOnEnvironment": "2090",
	"name": "xxxxxx..com",
	"clusterActualId": "16281",
	"clusterName": "SB-Compute-Cluster",
	"associatedServicePlans": [
	{
	"servicePlanId": "1",
	"servicePlanName": "platinum"
	},
	{
	"servicePlanId": "2",
	"servicePlanName": "silver"
	}
	],
	"freeCpu": 26,
	"usedCpu": 74,
	"freeMemoryPercentage": 8,
	"usedMemoryPercentage": 92,
	"totalMemoryMB": 522749.063,
	"totalCpu": 36,
	"cpuMhz": 2300
	}

	] } }
Response Parameters	• totalRecords • records –json of below keys ○ actualIdOnEnvironment ○ name ○ actualIdOnEnvironment ○ clusterActualId ○ clusterName ○ associatedServicePlans ○ freeCpu ○ usedCpu ○ freeMemoryPercentage ○ usedMemoryPercentage ○ totalMemoryMB ○ totalCpu

3.4.17.2 Get Vcenter Clusters by Service Plan

Table 172 - API: Get Vcenter Clusters by Service Plan

Element	Description
API	GetallclustersbyServicePlan
Description	This API Returns Vcenter cluster(s) exists in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/clusters/servicePlanName/{servicePlanName}?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (fields in curly {} braces)	• **endpointId(Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory):** Service Plan is a logical group of services in HCL BigFix CLM.It represents ServicePlanName in Manage Service Plan screen. • **queryParams (Optional):** It is used for filtering and sorting of records. It has three properties which are as follows:

	○ **filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **sortby:** To sort the data based on column name. E.g. Sortby="keyname" ○ **sortorder:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Pagenumber:** To see the results based on Page Number. (by default it should be 1). ○ **Pagesize:** Number of records that need to get fitted in each page (by default it should be 20000). For e.g. {"filter": "text='secondry-compute'","sortby": "text","sortorder": "desc", "pagenumber":"1","pagesize":"20000"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 5,
	"records": [
	{
	"actualIdOnEnvironment": "2090",
	"name": "xxxxxx.com",
	"clusterActualId": "16281",
	"clusterName": "SB-Compute-Cluster",
	"associatedServicePlans": [
	{
	"servicePlanId": "1",
	"servicePlanName": "platinum"
	},
	{
	"servicePlanId": "2",
	"servicePlanName": "silver"
	}
	],
	"freeCpu": 26,
	"usedCpu": 74,

	"freeMemoryPercentage": 8, "usedMemoryPercentage": 92, "totalMemoryMB": 522749.063, "totalCpu": 36, "cpuMhz": 2300 }] }
• **Response Parameters**	• totalRecords • records –json of below keys ○ actualIdOnEnvironment ○ name ○ actualIdOnEnvironment ○ clusterActualId ○ clusterName ○ associatedServicePlans ○ freeCpu ○ usedCpu ○ freeMemoryPercentage ○ usedMemoryPercentage ○ totalMemoryMB ○ totalCpu ○ cpuMhz

3.4.17.3 Get Vcenter Hosts

Table 173 - API: Get Vcenter Clusters

Element	Description
API	GetallHosts
Description	This API Returns Vcenter host(s) exist in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/hosts?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (fields in curly {} braces)	• **endpointId(Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **queryParams (Optional):** It is used for filtering and sorting of records. It has three properties which are as follows: ○ **filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **sortby:** To sort the data based on column name. E.g. Sortby="keyname" ○ **sortorder:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Pagenumber:** To see the results based on Page Number. (by default it should be 1). ○ **Pagesize:** Number of records that need to get fitted in each page (by default it should be 20000). For e.g. {"filter": "text='secondry-compute'","sortby": "text","sortorder": "desc", "pagenumber":"1","pagesize":"20000"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 3,
	"records": [
	{
	"actualIdOnEnvironment": "2090",
	"name": "xxxxxx",
	"clusterActualId": "16281",
	"clusterName": "SB-Compute-Cluster",
	"associatedServicePlans": [
	{
	"servicePlanId": "1",
	"servicePlanName": "platinum"
	},
	{
	"servicePlanId": "2",
	"servicePlanName": "silver"
	}
	],
	"freeCpu": 26,

```
      "usedCpu": 74,
      "freeMemoryPercentage": 8,
      "usedMemoryPercentage": 92,
      "totalMemoryMB": 522749.063,
      "totalCpu": 36,
      "cpuMhz": 2300
    },
    {
      "actualIdOnEnvironment": "904",
      "name": "indrcesxi01.com",
      "clusterActualId": "16281",
      "clusterName": "SB-Compute-Cluster",
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ],
      "freeCpu": 26,
      "usedCpu": 74,
      "freeMemoryPercentage": 4,
      "usedMemoryPercentage": 96,
      "totalMemoryMB": 522749.063,
      "totalCpu": 36,
      "cpuMhz": 2300
    },
    {
      "actualIdOnEnvironment": "911",
      "name": "xxxxxx",
      "clusterActualId": "16260",
      "clusterName": "SB-Management-Cluster",
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
```

```
        }
      ],
      "freeCpu": 96,
      "usedCpu": 4,
      "freeMemoryPercentage": 78,
      "usedMemoryPercentage": 22,
      "totalMemoryMB": 522749.063,
      "totalCpu": 36,
      "cpuMhz": 2300
    }

  ]
}
```


- **Response Parameters**

- totalRecords
- records –json of below keys
  - actualIdOnEnvironment
  - name
  - actualIdOnEnvironment
  - clusterActualId
  - clusterName
  - associatedServicePlans
  - freeCpu
  - usedCpu
  - freeMemoryPercentage
  - usedMemoryPercentage
  - totalMemoryMB
  - totalCpu
  - cpuMhz

3.4.17.4 Get Vcenter Hosts by Service Plan

Table 174 - API: Get Vcenter Hosts by Service Plan

Element	Description
API	GetVcenterhostsbyServicePlan
Description	This API Returns Vcenter host(s) exists in endpoint and mapped with filtered service plan.
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/hosts/servicePlanName/{servicePlanName}?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000"}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory):** Service Plan is a logical group of services in HCL BigFix CLM.It represents ServicePlanName in Manage Service Plan screen. • **queryParams (Optional):** It is used for filtering and sorting of records. It has three properties which are as follows: ○ **filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **sortby:** To sort the data based on column name. E.g. Sortby="keyname" ○ **sortorder:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Pagenumber:** To see the results based on Page Number. (by default it should be 1). ○ **Pagesize:** Number of records that need to get fitted in each page (by default it should be 20000). For e.g. {"filter": "text='secondry-compute'","sortby": "text","sortorder": "desc", "pagenumber":"1","pagesize":"20000"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 6, "records": [{ "actualIdOnEnvironment": "2090", "name": "xxxxxx", "clusterActualId": "16281", "clusterName": "SB-Compute-Cluster", "associatedServicePlans": [

```
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ],
      "freeCpu": 26,
      "usedCpu": 74,
      "freeMemoryPercentage": 8,
      "usedMemoryPercentage": 92,
      "totalMemoryMB": 522749.063,
      "totalCpu": 36,
      "cpuMhz": 2300
    },
    {
      "actualIdOnEnvironment": "904",
      "name": "xxxxxx",
      "clusterActualId": "16281",
      "clusterName": "SB-Compute-Cluster",
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ],
      "freeCpu": 26,
      "usedCpu": 74,
      "freeMemoryPercentage": 4,
      "usedMemoryPercentage": 96,
      "totalMemoryMB": 522749.063,
      "totalCpu": 36,
      "cpuMhz": 2300
```

```
    },
    {
      "actualIdOnEnvironment": "911",
      "name": "xxxxxx",
      "clusterActualId": "16260",
      "clusterName": "SB-Management-Cluster",
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        }
      ],
      "freeCpu": 96,
      "usedCpu": 4,
      "freeMemoryPercentage": 78,
      "usedMemoryPercentage": 22,
      "totalMemoryMB": 522749.063,
      "totalCpu": 36,
      "cpuMhz": 2300
    },
    {
      "actualIdOnEnvironment": "916",
      "name": "xxxxxx",
      "clusterActualId": "16260",
      "clusterName": "SB-Management-Cluster",
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ],
      "freeCpu": 86,
      "usedCpu": 14,
      "freeMemoryPercentage": 67,
      "usedMemoryPercentage": 33,
```

```
      "totalMemoryMB": 522749.063,
      "totalCpu": 36,
      "cpuMhz": 2300
    },
    {
      "actualIdOnEnvironment": "933",
      "name": "xxxxxx",
      "clusterActualId": "16281",
      "clusterName": "SB-Compute-Cluster",
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ],
      "freeCpu": 19,
      "usedCpu": 81,
      "freeMemoryPercentage": 10,
      "usedMemoryPercentage": 90,
      "totalMemoryMB": 522749.063,
      "totalCpu": 36,
      "cpuMhz": 2300
    },
    {
      "actualIdOnEnvironment": "935",
      "name": "xxxxxx",
      "clusterActualId": "16281",
      "clusterName": "SB-Compute-Cluster",
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
```

```
            "servicePlanName": "silver"
          }
        ],
        "freeCpu": 34,
        "usedCpu": 66,
        "freeMemoryPercentage": 16,
        "usedMemoryPercentage": 84,
        "totalMemoryMB": 522749.063,
        "totalCpu": 36,
        "cpuMhz": 2300
      }
    ]
}
```


Response Parameters	• Result:
	  ○ Actualidonenvironment
	  ○ Name
	  ○ Clustername
	  ○ Clusteractualid
	  ○ associatedServicePlans
	  ○ freeCpu
	  ○ usedCpu
	  ○ freeMemoryPercentage
	  ○ totalMemoryMB
	  ○ usedMemoryPercentage
	  ○ totalCpu
	  ○ cpuMhz

3.4.17.5 Get Vcenter Sizes

Table 175 - API: Get Vcenter Sizes

Element	Description
API	GetVcentersizes
Description	This API Returns size(s) mapped to an organization.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/sizes?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000"}*

URL Parameters (fields in curly {} braces)	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "sizeName='a1. medium'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 15, "records": [{ "description": "Small (vCPU: 1, Memory: 2 GB)", "sizeId": 5, "name": "Small", "vCPU": 1, "memory": 2, "diskSize": 80, "sequenceNumber": 0 }, { "description": "Medium (vCPU: 2, Memory: 4 GB)", "sizeId": 6, "name": "Medium", "vCPU": 2, "memory": 4, "diskSize": 80, "sequenceNumber": 0 }, {

```
      "description": "Large (vCPU: 4, Memory: 8 GB)",
      "sizeId": 7,
      "name": "Large",
      "vCPU": 4,
      "memory": 8,
      "diskSize": 80,
      "sequenceNumber": 0
    },
    {
      "description": "xLarge (vCPU: 8, Memory: 16 GB)",
      "sizeId": 8,
      "name": "xLarge",
      "vCPU": 8,
      "memory": 16,
      "diskSize": 80,
      "sequenceNumber": 0
    },
    {
      "description": "xMidium (vCPU :8, Memory: 3 GB)",
      "sizeId": 13,
      "name": "xMidium",
      "vCPU": 8,
      "memory": 3,
      "diskSize": 40,
      "sequenceNumber": 2
    },
    {
      "description": "xMidium1tes (vCPU :8, Memory: 3
GB)",
      "sizeId": 14,
      "name": "xMidium1tes",
      "vCPU": 8,
      "memory": 3,
      "diskSize": 40,
      "sequenceNumber": 2
    },
    {
      "description": "xMidiumTesttes(vCPU :8, Memory : 3
GB)",
```

```
      "sizeId": 15,
      "name": "xMidiumTesttes",
      "vCPU": 8,
      "memory": 3,
      "diskSize": 40,
      "sequenceNumber": 2
    },
    {
      "description": "xMidium1tes1234(vCPU :8, Memory: 3
GB)",
      "sizeId": 16,
      "name": "xMidium1tes1234",
      "vCPU": 8,
      "memory": 3,
      "diskSize": 40,
      "sequenceNumber": 2
    },
    {
      "description": "xMidium1tes12342(vCPU :8, Memory: 3
GB)",
      "sizeId": 17,
      "name": "xMidium1tes12342",
      "vCPU": 8,
      "memory": 3,
      "diskSize": 40,
      "sequenceNumber": 2
    },
    {
      "description": "Test019(vCPU :8, Memory: 3 GB)",
      "sizeId": 18,
      "name": "Test019",
      "vCPU": 8,
      "memory": 3,
      "diskSize": 40,
      "sequenceNumber": 9
    },
    {
      "description": "smal_sonal (vCPU :2, Memory : 20
GB)",
```

```
      "sizeId": 19,
      "name": "smawwwl_sonal",
      "vCPU": 2,
      "memory": 20,
      "diskSize": 0,
      "sequenceNumber": 0
    },
    {
      "description": "smawwwl_sonalss (vCPU :2, Memory:
20 GB)",
      "sizeId": 20,
      "name": "smawwwl_sonalss",
      "vCPU": 2,
      "memory": 20,
      "diskSize": 0,
      "sequenceNumber": 0
    },
    {
      "description": "string (vCPU :1, Memory: 1 GB)",
      "sizeId": 42,
      "name": "string",
      "vCPU": 1,
      "memory": 1,
      "diskSize": 1,
      "sequenceNumber": 11
    },
    {
      "description": "test123test (vCPU :1, Memory: 1
GB)",
      "sizeId": 43,
      "name": "test123test1",
      "vCPU": 1,
      "memory": 1,
      "diskSize": 1,
      "sequenceNumber": 1
    },
    {
      "description": "test1221(vCPU :1, Memory: 1 GB)",
      "sizeId": 44,
```

	"name": "test1221", "vCPU": 1, "memory": 1, "diskSize": 1, "sequenceNumber": 1 }] }
Response Parameters	• Result: ○ Sizeid ○ Sizedescription ○ Name ○ Vcpu ○ Memory ○ Disksize ○ Text • Errormessage • Message • Status

3.4.17.6 Add Vcenter Size

Table 176 - API: Insert Vcenter Cloud Size

Element	Description
API	InsertVcentersize
Description	This API Add size is applicable for an organization. Users must have provider and organization admin role to execute API.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/organizations/{organizationCode}/sizes*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory):** Unique Identifier of Organization. Organization Code is available on Manage Organization screen.
Body Parameters	{ "name": "small_Test", "vCPU": 2, "memory": 2,

	<pre>"diskSize": 10,
	"sequenceNumber": 1
	}</pre>
	• **Name (Mandatory)**: Unique name of size.
	• Memory (Mandatory): Memory of size.
	• Disksize (Optional): Size of disk.
	• **Vcpu (Mandatory)**: vcpu value of size.
	• **Sequencenumber (Optional)**: It sequence number of sizes to show size in sequentially

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	<pre>{"sizeId": "0"}</pre>
Response Parameters	• Result: • Errormessage • Message • Status

3.4.17.7 Update Vcenter Size

Table 177 - API: Update Private Cloud Size

Element	Description
API	UpdateVcentercloudsize
Description	This API Update size applicable for an organization. Users must have provider and organization admin role to execute API.
Method	PUT
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/organizations/{organizationCode}/sizes*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory):** Unique Identifier of Organization. Organization Code is available on Manage Organization screen.

Body Parameters	<pre>{
	"sizeId":57,</pre>

	<pre>"name": "small_Test",
	"vCPU": 2,
	"memory": 2,
	"diskSize": 10,
	"sequenceNumber": 1
	}</pre>
	• **Name (Optional)**: Unique name of size.
	• **Memory (Optional)**: Memory of size.
	• Disksize (Optional): Size of disk.
	• **Vcpu (Optional)**: vcpu value of size.
	• **Sequencenumber (Optional)**: It sequence number of size to show size in sequentially
	• **Sizeid (Mandatory)**: Unique Id of size. User gets the sizeId trought insert Vcenter size Api or Get Vcenter sizes Api.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: <pre>{"sizeId": "0"}</pre>
Response Parameters	• Result: • Errormessage • Message • Status

3.4.17.8 Reserve Vcenter IP Details

Table 178 - API: Reserve Vcenter Free IP Details

Element	Description
API	ReserveVcenterIpAdress
Description	This API Reserves and returns IPaddress for an object i.e. IP will be blocked in passed network.
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/networks/{networkEntityId}/freeIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **networkEntityId (Mandatory):** This is a unique identifier of Network associated to Endpoint .

Body Parameters	<pre>{
	"objectID": "nic1",
	"nICPrefix": "vmwar"
	}</pre>
	• **Objectid (Mandatory):** This is a unique identifier of Resource like VM -Virtual Machine, LB-Load Balancer etc.
	• **Nicprefix**: Prefix of IP addresses such as NIC1, NIC2..

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	<pre>{
	"networkName": "uvc-nsg170-tfe-app-int",
	"ipAddress": "xxxxxx",
	"subnetMask": "xxxxxx",
	"defaultGateway": "xxxxxx",
	"networkType": "NET_T1"
	}</pre>

Response Parameters	• networkName • ipAddress • subnetMask • defaultGateway • networkType

3.4.17.9 Release Vcenter IP Address

Table 179 - API: Release Vcenter IP Address

Element	Description
API	Releaseip
Description	API Releases blocked/reserved IPaddress.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/networks/{networkEntityId}/releaseIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **networkEntityId (Mandatory):** This is a unique identifier of Network associated to Endpoint .
Body Parameters	`{ "IPAddress": "xxxxxx" }` **Ipaddress (Mandatory):** IP address which needs to be released from associated objectid.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.17.10 Get Vcenter Storage

Table 180 - API: Get Vcenter Storage

Element	Description
API	Getstorage

Description	This API Returns Vcenter storage(s) exists in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/storages?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g., Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "Name='Test'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 9, "records": [{ "actualIdOnEnvironment": "1014", "storageName": "SharedDatastore05", "entityId": "STR-0981AC19-61D7-4155-B6F9-31C740697004", "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-840088EA264A", "totalCapacityInGB": 11763.75, "freeCapacityInGB": 1015.57, "usedCapacityInGB": 10748.18,

```
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": [
        {
```

```
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ]
    },
    {
      "actualIdOnEnvironment": "1016",
      "storageName": "SharedDatastore04",
      "entityId": "STR-A8F7C6C0-3FCA-4195-A0C9-
26156A325226",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 12799.75,
      "freeCapacityInGB": 1191.15,
      "usedCapacityInGB": 11608.6,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "933"
        },
```

```
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ]
    },
    {
      "actualIdOnEnvironment": "11148",
      "storageName": "SharedDatastore06",
      "entityId": "STR-DFCA8556-DD43-4E92-B266-
AD00DB65F684",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 15871.75,
      "freeCapacityInGB": 1016.84,
      "usedCapacityInGB": 14854.91,
      "diskType": "VMFS",
```

```
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxx.com",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxx.com",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxx.com",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxx.com",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxx.com",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxx.com",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": [
        {
          "servicePlanId": "2",
```

```
          "servicePlanName": "silver"
        }
      ]
    },
    {
      "actualIdOnEnvironment": "12815",
      "storageName": "datastore1 (1)",
      "entityId": "STR-61330B45-7F1A-4C99-9A4E-
45FF4F8AAB16",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 150.25,
      "freeCapacityInGB": 148.84,
      "usedCapacityInGB": 1.41,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxx.com",
          "hostActualIDonEnvironment": "2090"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "14818",
      "storageName": "datastore1",
      "entityId": "STR-116A112B-95D3-411C-B09D-
06114A4A4B9C",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 19.75,
      "freeCapacityInGB": 18.34,
      "usedCapacityInGB": 1.41,
```

```
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxx.com",
          "hostActualIDonEnvironment": "916"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "16686",
      "storageName": "SharedDatastore07",
      "entityId": "STR-B7F5FC52-22E6-49F5-A12A-
FBA214F794B9",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 5119.75,
      "freeCapacityInGB": 2517.26,
      "usedCapacityInGB": 2602.49,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxx. xxxxxx.com",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxx",
```

```
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "2090"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "884",
      "storageName": "SharedDatastore01",
      "entityId": "STR-7D8C556F-1F30-4FAD-9C29-
784DACBAD3FD",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 5631.75,
      "freeCapacityInGB": 1731.3,
      "usedCapacityInGB": 3900.45,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "904"
        },
```

```
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "885",
      "storageName": "SharedDatastore02",
      "entityId": "STR-776E111A-E4BA-48D6-B9D3-
18A069DF51DB",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 5631.75,
      "freeCapacityInGB": 1787.87,
      "usedCapacityInGB": 3843.88,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
```

```
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "886",
      "storageName": "SharedDatastore03",
      "entityId": "STR-EDFD7ED4-10F0-4091-B3D2-
F297B61C7AA2",
```

```
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 5631.75,
      "freeCapacityInGB": 1775.46,
      "usedCapacityInGB": 3856.29,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "indrcesxi01.com",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "indrcesxi02.com",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxx",
```

```
            "hostActualIDonEnvironment": "911"
          }
        ],
        "associatedServicePlans": []
      }
    ]
}
```


Response Parameters	• Result:
	  ○ Actualidonenvironment
	  ○ Text
	• Errormessage
	• Message
	• Status

3.4.17.11 Get Vcenter Storage by Cluster

Table 181 - API: Get Vcenter Storage by Cluster

Element	Description
API	GetstoragebyCluster
Description	This API Returns Vcenter storage(s) exist in endpoint and cluster.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/storages/clusterName/{clusterName}?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000"}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **Cluster Name (optional):** A cluster is a group of hosts. Host is fetched based on Cluster Name.The cluster manages the resources of all hosts within it. Storage is filtered based on Host Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"

	○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "Name='Test'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 8,
	"records": [
	{
	"actualIdOnEnvironment": "1014",
	"storageName": "SharedDatastore05",
	"entityId": "STR-0981AC19-61D7-4155-B6F9-31C740697004",
	"platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-840088EA264A",
	"totalCapacityInGB": 11763.75,
	"freeCapacityInGB": 1015.57,
	"usedCapacityInGB": 10748.18,
	"diskType": "VMFS",
	"associatedClusters": [
	{
	"clusterName": "SB-Compute-Cluster",
	"clusterActualIdonEnvironment": "16281"
	},
	{
	"clusterName": "SB-Management-Cluster",
	"clusterActualIdonEnvironment": "16260"
	}
	],
	"associatedHosts": [
	{
	"hostName": "xxxxxx",
	"hostActualIDonEnvironment": "904"

```
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ]
    },
    {
      "actualIdOnEnvironment": "1016",
      "storageName": "SharedDatastore04",
      "entityId": "STR-A8F7C6C0-3FCA-4195-A0C9-
26156A325226",
```

```
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 12799.75,
      "freeCapacityInGB": 1191.15,
      "usedCapacityInGB": 11608.6,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxx. xxxxxx.com",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxx. xxxxxx.com",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxx. xxxxxx.com",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxx. xxxxxx.com",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxx. xxxxxx.com",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxx. xxxxxx.com",
```

```
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ]
    },
    {
      "actualIdOnEnvironment": "11148",
      "storageName": "SharedDatastore06",
      "entityId": "STR-DFCA8556-DD43-4E92-B266-
AD00DB65F684",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 15871.75,
      "freeCapacityInGB": 1016.84,
      "usedCapacityInGB": 14854.91,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "indrcesxi01xxxxxx",
          "hostActualIDonEnvironment": "904"
```

```
        },
        {
          "hostName": "indrcesxi02xxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "indrcesxi03xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "indrcesxi04xxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "indrmesxi01xxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "indrmesxi02xxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": [
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ]
    },
    {
      "actualIdOnEnvironment": "12815",
      "storageName": "datastore1 (1)",
      "entityId": "STR-61330B45-7F1A-4C99-9A4E-
45FF4F8AAB16",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 150.25,
      "freeCapacityInGB": 148.84,
      "usedCapacityInGB": 1.41,
```

```
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "indrcesxi04xxxxxx",
          "hostActualIDonEnvironment": "2090"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "16686",
      "storageName": "SharedDatastore07",
      "entityId": "STR-B7F5FC52-22E6-49F5-A12A-
FBA214F794B9",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 5119.75,
      "freeCapacityInGB": 2517.26,
      "usedCapacityInGB": 2602.49,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "indrcesxi01xxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "indrcesxi02xxxxxx",
```

```
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "indrcesxi03xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "indrcesxi04xxxxxx",
          "hostActualIDonEnvironment": "2090"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "884",
      "storageName": "SharedDatastore01",
      "entityId": "STR-7D8C556F-1F30-4FAD-9C29-
784DACBAD3FD",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 5631.75,
      "freeCapacityInGB": 1731.3,
      "usedCapacityInGB": 3900.45,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "indrcesxi01xxxxxx",
          "hostActualIDonEnvironment": "904"
        },
```

```
        {
          "hostName": "indrcesxi02xxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "indrcesxi03xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "indrcesxi04xxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "indrmesxi01xxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "indrmesxi02xxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "885",
      "storageName": "SharedDatastore02",
      "entityId": "STR-776E111A-E4BA-48D6-B9D3-
18A069DF51DB",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 5631.75,
      "freeCapacityInGB": 1787.87,
      "usedCapacityInGB": 3843.88,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
```

```
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "indrcesxi01xxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "indrcesxi02xxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "indrcesxi03xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "indrcesxi04xxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "indrmesxi01xxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "indrmesxi02xxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "886",
      "storageName": "SharedDatastore03",
      "entityId": "STR-EDFD7ED4-10F0-4091-B3D2-
F297B61C7AA2",
```

```
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 5631.75,
      "freeCapacityInGB": 1775.46,
      "usedCapacityInGB": 3856.29,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "indrcesxi01xxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "indrcesxi02xxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "indrcesxi03xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "indrcesxi04xxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "indrmesxi01xxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "indrmesxi02xxxxxx",
```

```
            "hostActualIDonEnvironment": "911"
          }
        ],
        "associatedServicePlans": []
      }
    ]
}
```


Response Parameters	• Result:
	  ○ Actualidonenvironment
	  ○ Text
	• Errormessage
	• Message
	• Status

3.4.17.12 Get Vcenter Storage by Host

Table 182 - API: Get Vcenter Storage by Host

Element	Description
API	GetstoragebyHost
Description	This API Returns Vcenter storage(s) exist in endpoint and host.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/storages/hostName/{hostName}?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **hostname (Mandatory):** When a host is added to a cluster, the host's resources become a part of cluster's resources. The cluster manages the resources of all hosts within it. Storage is filtered based on Host Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"

	○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "Name='Test'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 6,
	"records": [
	{
	"actualIdOnEnvironment": "1014",
	"storageName": "SharedDatastore05",
	"entityId": "STR-0981AC19-61D7-4155-B6F9-31C740697004",
	"platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-840088EA264A",
	"totalCapacityInGB": 11763.75,
	"freeCapacityInGB": 1015.57,
	"usedCapacityInGB": 10748.18,
	"diskType": "VMFS",
	"associatedClusters": [
	{
	"clusterName": "SB-Compute-Cluster",
	"clusterActualIdonEnvironment": "16281"
	},
	{
	"clusterName": "SB-Management-Cluster",
	"clusterActualIdonEnvironment": "16260"
	}
	],
	"associatedHosts": [
	{
	"hostName": "indrcesxi01xxxxxx",
	"hostActualIDonEnvironment": "904"

```
        },
        {
          "hostName": "indrcesxi02xxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "indrcesxi03xxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "indrcesxi04xxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "indrmesxi01xxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "indrmesxi02xxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ]
    },
    {
      "actualIdOnEnvironment": "1016",
      "storageName": "SharedDatastore04",
      "entityId": "STR-A8F7C6C0-3FCA-4195-A0C9-
26156A325226",
```

```
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 12799.75,
      "freeCapacityInGB": 1191.15,
      "usedCapacityInGB": 11608.6,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxxxxxxxx",
```

```
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ]
    },
    {
      "actualIdOnEnvironment": "11148",
      "storageName": "SharedDatastore06",
      "entityId": "STR-DFCA8556-DD43-4E92-B266-
AD00DB65F684",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 15871.75,
      "freeCapacityInGB": 1016.84,
      "usedCapacityInGB": 14854.91,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
```

```
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": [
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ]
    },
    {
      "actualIdOnEnvironment": "884",
      "storageName": "SharedDatastore01",
      "entityId": "STR-7D8C556F-1F30-4FAD-9C29-
784DACBAD3FD",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 5631.75,
      "freeCapacityInGB": 1731.3,
      "usedCapacityInGB": 3900.45,
```

```
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": []
    },
```

```
    {
      "actualIdOnEnvironment": "885",
      "storageName": "SharedDatastore02",
      "entityId": "STR-776E111A-E4BA-48D6-B9D3-
18A069DF51DB",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 5631.75,
      "freeCapacityInGB": 1787.87,
      "usedCapacityInGB": 3843.88,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
```

```
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "886",
      "storageName": "SharedDatastore03",
      "entityId": "STR-EDFD7ED4-10F0-4091-B3D2-
F297B61C7AA2",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 5631.75,
      "freeCapacityInGB": 1775.46,
      "usedCapacityInGB": 3856.29,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
```

```
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": []
    }
  ]
}
```


Response Parameters	• Result:
	  ○ Actualidonenvironment
	  ○ Text
	• Errormessage
	• Message
	• Status

3.4.17.13 Get Vcenter Storage by Service Plan

Table 183 - API: Get Vcenter Storage by Service Plan

Element	Description
API	GetstorageByServicePlan
Description	This API Returns Vcenter storage(s) exists in endpoint and mapped with filtered service plan.
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/storages/servicePlanName/{servicePlanName}?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory):** Service Plan is a logical group of services in HCL BigFix CLM.It represents ServicePlanName in Manage Service Plan screen. • **queryParams (Optional):** It is used for filtering and sorting of records. It has three properties which are as follows: ○ **filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **sortby:** To sort the data based on column name. E.g. Sortby="keyname" ○ **sortorder:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Pagenumber:** To see the results based on Page Number. (by default it should be 1). ○ **Pagesize:** Number of records that need to get fitted in each page (by default it should be 20000). For e.g. {"filter": "text='secondry-compute'","sortby": "text","sortorder": "desc", "pagenumber":"1","pagesize":"20000"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 3, "records": [{ "actualIdOnEnvironment": "1014", "storageName": "SharedDatastore05", "entityId": "STR-0981AC19-61D7-4155-B6F9-31C740697004", "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-840088EA264A",

```
      "totalCapacityInGB": 11763.75,
      "freeCapacityInGB": 1015.57,
      "usedCapacityInGB": 10748.18,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "911"
        }
```

```
      ],
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ]
    },
    {
      "actualIdOnEnvironment": "1016",
      "storageName": "SharedDatastore04",
      "entityId": "STR-A8F7C6C0-3FCA-4195-A0C9-
26156A325226",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 12799.75,
      "freeCapacityInGB": 1191.15,
      "usedCapacityInGB": 11608.6,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
```

```
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        },
        {
          "servicePlanId": "2",
          "servicePlanName": "silver"
        }
      ]
    },
    {
      "actualIdOnEnvironment": "11148",
      "storageName": "SharedDatastore06",
      "entityId": "STR-DFCA8556-DD43-4E92-B266-
AD00DB65F684",
      "platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "totalCapacityInGB": 15871.75,
```

```
      "freeCapacityInGB": 1016.84,
      "usedCapacityInGB": 14854.91,
      "diskType": "VMFS",
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        },
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "916"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "911"
        }
      ],
```

	"associatedServicePlans": [
	{
	"servicePlanId": "2",
	"servicePlanName": "silver"
	}
	]
	}
	]
	}

Response Parameters	• Result: ○ Actualidonenvironment ○ Text • Errormessage • Message • Status

3.4.17.14 Get Vcenter Resources

Table 184 - API: Get Vcenter Resources

Element	Description
API	GetVcenterresource
Description	This API Returns Vcenter resource(s) exists in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/resources?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000"}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1"

	○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "Name='Test'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 2,
	"records": [
	{
	"actualIdOnEnvironment": "16261",
	"resourceName": "Resources",
	"associatedClusters": [
	{
	"clusterName": "SB-Management-Cluster",
	"clusterActualIdonEnvironment": "16260"
	}
	],
	"associatedServicePlans": [
	{
	"servicePlanId": "1",
	"servicePlanName": "platinum"
	}
	]
	},
	{
	"actualIdOnEnvironment": "16282",
	"resourceName": "Resources",
	"associatedClusters": [
	{
	"clusterName": "SB-Compute-Cluster",
	"clusterActualIdonEnvironment": "16281"
	}
	],
	"associatedServicePlans": []
	}
	]

	} } }

Response Parameters	• Result:
	  ○ Actualidonenvironment
	  ○ Name
	  ○ Text
	• Errormessage
	• Message
	• Status

3.4.17.15 Get Vcenter Resources by Cluster

Table 185 – API: Get Vcenter Resource by Cluster

Element	Description
API	Getresourcesbycluster
Description	This API Returns Vcenter resource(s) exist in endpoint and cluster.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/resources/clusterName/{clusterName}?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.
	• **Cluster Name (optional):** A cluster is a group of hosts. Host is fetched based on Cluster Name.The cluster manages the resources of all hosts within it. resources is filtered based on Host Name.
	• **queryParams (Optional):** It is used for filtering and sorting of records. It has three properties which are as follows:
	  ○ **filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"
	  ○ **sortby:** To sort the data based on column name. E.g. Sortby="keyname"
	  ○ **sortorder:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".
	  ○ **Pagenumber:** To see the results based on Page Number. (by default, it should be 1).

	○ **Pagesize:** Number of records that need to get fitted in each page (by default it should be 20000). For e.g. {"filter": "text='secondry-compute'","sortby": "text","sortorder": "desc", "pagenumber":"1","pagesize":"20000"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 1,
	"records": [
	{
	"actualIdOnEnvironment": "16282",
	"resourceName": "Resources",
	"associatedClusters": [
	{
	"clusterName": "SB-Compute-Cluster",
	"clusterActualIdonEnvironment": "16281"
	}
	],
	"associatedServicePlans": []
	}
	]
	}

Response Parameters	• Result: ○ Actualidonenvironment ○ Name ○ Text • Errormessage • Message • Status

3.4.17.16 Get Vcenter Resources by Service Plan

Table 186 - API: Get Vcenter Resource by ServicePlan

Element	Description

API	GetresourcesbyServicePlan
Description	This API Returns Vcenter resource(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/resources/servicePlanName/{servicePlanName}?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory):** Service Plan is a logical group of services in HCL BigFix CLM.It represents ServicePlanName in Manage Service Plan screen. • **queryParams (Optional):** It is used for filtering and sorting of records. It has three properties which are as follows: ○ **filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **sortby:** To sort the data based on column name. E.g. Sortby="keyname" ○ **sortorder:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Pagenumber:** To see the results based on Page Number. (by default it should be 1). ○ **Pagesize:** Number of records that need to get fitted in each page (by default it should be 20000). For e.g. {"filter": "text='secondry-compute'","sortby": "text","sortorder": "desc", "pagenumber":"1","pagesize":"20000"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 1,`
	`"records": [`

```
    {
      "actualIdOnEnvironment": "16261",
      "resourceName": "Resources",
      "associatedClusters": [
        {
          "clusterName": "SB-Management-Cluster",
          "clusterActualIdonEnvironment": "16260"
        }
      ],
      "associatedServicePlans": [
        {
          "servicePlanId": "1",
          "servicePlanName": "platinum"
        }
      ]
    }
  ]
}
```


Response Parameters	• Result:
	  ○ Actualidonenvironment
	  ○ Name
	  ○ Text
	• Errormessage
	• Message
	• Status

3.4.17.17 Get Vcenter Networks

Table 187 - API: Get Vcenter Networks

Element	Description
API	Getnetwork
Description	This API Returns Vcenter network(s) exists in Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/networks?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **Platformentityid (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. • **Cluster Name (optional):** A cluster is a group of hosts. Host is fetched based on Cluster Name. • **Host Name (optional):** A cluster is a group of hosts. When a host is added to a cluster, the host's resources become part of cluster's resources. The cluster manages the resources of all hosts within it. Storage is filtered based on Host Name. • **Serviceplanid:** (optional) Service Plan is a logical group of services in HCL BigFix CLM. Each Service plan has a unique identifier called as Service Plan ID. • **Addlparam (Optional):** It is used for filtering and sorting of records. It has three properties which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort by:** To sort the data based on column name. E.g. Sortby="keyname" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". For e.g. {"filter": "networktype=' DVPORTGROUP'","sortby": " networktype ","sortorder": "desc"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 2, "records": [{ "actualIdOnEnvironment": "16283", "networkName": "uvc-nsg170-tfe-app-int", "entityId": "NTW-076012E6-D132-4B9D-BB27-568350A0690F", "networkType": "DVPORTGROUP",

```
      "totalAllocatedIp": 7,
      "totalFree": 7,
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "16294",
      "networkName": "uvc-nsg140-myc-web-int",
      "entityId": "NTW-00E61BED-FA5F-4412-8D8F-
45C58AA42C00",
      "networkType": "DVPORTGROUP",
      "totalAllocatedIp": 0,
      "totalFree": 0,
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
```

```
            "clusterActualIdonEnvironment": "16281"
          }
        ],
        "associatedHosts": [
          {
            "hostName": "xxxxxxxxxxx",
            "hostActualIDonEnvironment": "904"
          },
          {
            "hostName": "xxxxxxxxxxx",
            "hostActualIDonEnvironment": "933"
          },
          {
            "hostName": "xxxxxxxxxxx",
            "hostActualIDonEnvironment": "935"
          },
          {
            "hostName": "xxxxxxxxxxx",
            "hostActualIDonEnvironment": "2090"
          }
        ],
        "associatedServicePlans": []
      }
    ]
}
```


Response Parameters	• Result:
	  ○ Actualidonenvironment
	  ○ Name
	  ○ Entityid
	  ○ Text
	• Errormessage
	• Message
	• Status

3.4.17.18 Get Vcenter Networks by Cluster

Table 188 - API: Get Vcenter Networks by Cluster

Element	Description
API	GetVcenternetworksbyCluster
Description	This API Returns Vcenter network(s) exists in endpoint and cluster.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/networks/clusterName/{clusterName}?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000"}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **Cluster Name (optional):** A cluster is a group of hosts. Host is fetched based on Cluster Name.The cluster manages the resources of all hosts within it. Networks is filtered based on Cluster Name. • **queryParams (Optional):** It is used for filtering and sorting of records. It has three properties which are as follows: ○ **filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **sortby:** To sort the data based on column name. E.g. Sortby="keyname" ○ **sortorder:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Pagenumber:** To see the results based on Page Number. (by default it should be 1). ○ **Pagesize:** Number of records that need to get fitted in each page (by default it should be 20000). For e.g. {"filter": "text='secondry-compute'","sortby": "text","sortorder": "desc", "pagenumber":"1","pagesize":"20000"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 2,`

```
  "records": [
    {
      "actualIdOnEnvironment": "16283",
      "networkName": "uvc-nsg170-tfe-app-int",
      "entityId": "NTW-076012E6-D132-4B9D-BB27-
568350A0690F",
      "networkType": "DVPORTGROUP",
      "totalAllocatedIp": 7,
      "totalFree": 7,
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "16294",
      "networkName": "uvc-nsg140-myc-web-int",
```

```
      "entityId": "NTW-00E61BED-FA5F-4412-8D8F-
45C58AA42C00",
      "networkType": "DVPORTGROUP",
      "totalAllocatedIp": 0,
      "totalFree": 0,
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        }
      ],
      "associatedServicePlans": []
    }
  ]
}
```


Response Parameters	• Result:
	  ○ Actualidonenvironment
	  ○ Name
	  ○ Entityid
	  ○ Text

	• Errormessage • Message • Status

3.4.17.19 Get Vcenter Networks by Host

Table 189 - API: Get Vcenter Networks by Host

Element	Description
API	GetVcenternetworksbyHost
Description	This API Returns Vcenter network(s) exist in endpoint and host.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/networks/hostName/{hostName}?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **hostname (Mandatory):** When a host is added to a cluster, the host's resources become a part of cluster's resources. The cluster manages the resources of all hosts within it. networks are filtered based on Host Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "Name='Test'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{

```
  "totalRecords": 2,
  "records": [
    {
      "actualIdOnEnvironment": "16283",
      "networkName": "uvc-nsg170-tfe-app-int",
      "entityId": "NTW-076012E6-D132-4B9D-BB27-
568350A0690F",
      "networkType": "DVPORTGROUP",
      "totalAllocatedIp": 7,
      "totalFree": 7,
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        }
      ],
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "16294",
      "networkName": "uvc-nsg140-myc-web-int",
```

```
      "entityId": "NTW-00E61BED-FA5F-4412-8D8F-
45C58AA42C00",
      "networkType": "DVPORTGROUP",
      "totalAllocatedIp": 0,
      "totalFree": 0,
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        }
      ],
      "associatedServicePlans": []
    }
  ]
}
```


Response Parameters

- Result:
  - Actualidonenvironment
  - Name
  - Entityid
  - Text

	• Errormessage • Message • Status

3.4.17.20 Get Vcenter Networks by Service Plan

Table 190 – API: Get Vcenter Networks by ServicePlan

Element	Description
API	GetVcenternetworksbyServicePlan
Description	This API Returns Vcenter network(s) exist in endpoint and mapped with filtered service plan.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/networks/servicePlanName/{servicePlanName}?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory):** Service Plan is a logical group of services in HCL BigFix CLM.It represents ServicePlanName in Manage Service Plan screen. • **queryParams (Optional):** It is used for filtering and sorting of records. It has three properties which are as follows: ○ **filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **sortby:** To sort the data based on column name. E.g. Sortby="keyname" ○ **sortorder:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Pagenumber:** To see the results based on Page Number. (by default it should be 1). ○ **Pagesize:** Number of records that need to get fitted in each page (by default it should be 20000). For e.g. {"filter": "text='secondry-compute'","sortby": "text","sortorder": "desc", "pagenumber":"1","pagesize":"20000"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a

	Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 2,
	"records": [
	{
	"actualIdOnEnvironment": "16283",
	"networkName": "uvc-nsg170-tfe-app-int",
	"entityId": "NTW-076012E6-D132-4B9D-BB27-568350A0690F",
	"networkType": "DVPORTGROUP",
	"totalAllocatedIp": 7,
	"totalFree": 7,
	"associatedClusters": [
	{
	"clusterName": "SB-Compute-Cluster",
	"clusterActualIdonEnvironment": "16281"
	}
	],
	"associatedHosts": [
	{
	"hostName": "xxxxxxxxxxxx",
	"hostActualIDonEnvironment": "904"
	},
	{
	"hostName": "xxxxxxxxxxxx",
	"hostActualIDonEnvironment": "933"
	},
	{
	"hostName": "xxxxxxxxxxxx",
	"hostActualIDonEnvironment": "935"
	},
	{
	"hostName": "xxxxxxxxxxxx",
	"hostActualIDonEnvironment": "2090"
	}
	],

```
      "associatedServicePlans": []
    },
    {
      "actualIdOnEnvironment": "16294",
      "networkName": "uvc-nsg140-myc-web-int",
      "entityId": "NTW-00E61BED-FA5F-4412-8D8F-
45C58AA42C00",
      "networkType": "DVPORTGROUP",
      "totalAllocatedIp": 0,
      "totalFree": 0,
      "associatedClusters": [
        {
          "clusterName": "SB-Compute-Cluster",
          "clusterActualIdonEnvironment": "16281"
        }
      ],
      "associatedHosts": [
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "904"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "933"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "935"
        },
        {
          "hostName": "xxxxxxxxxxxx",
          "hostActualIDonEnvironment": "2090"
        }
      ],
      "associatedServicePlans": []
    }
  ]
}
```

Response Parameters	• Result:
	  ○ Actualidonenvironment
	  ○ Name
	  ○ Entityid
	  ○ Text
	• Errormessage
	• Message
	• Status

3.4.17.21 Get Vcenter Datacenter

Table 191 - API: Get Vcenter Datacenter

Element	Description
API	Getdatacenter
Description	This API Returns Vcenter datacenter(s) of Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/dataCenters?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.
	• queryParams (Optional): It is used for filtering and sorting of records. It has three properties, which are as follows:
	  ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"
	  ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".
	  ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1"
	  ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10"
	For e.g. {"filter": "Name='Test'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description.

	• **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 1,
	"records": [
	{
	"actualIdOnEnvironment": "2",
	"dataCenterName": "Site-B-Datacenter",
	"associatedServicePlans": [
	{
	"servicePlanId": "1",
	"servicePlanName": "platinum"
	}
	]
	}
	]
	}

Response Parameters	• Result: ○ Actualidonenvironment ○ Text ○ Name • Errormessage • Message • Status

3.4.17.22 Get Vcenter Datacenter by Service Plan

Table 192 - API: Get Vcenter Datacenter by Serviceplan

Element	Description
API	GetdatacenterbyServicePlan
Description	This API Returns Vcenter datacenter(s) exist in endpoint and mapped with filtered service plan.
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/dataCenters/servicePlanName/{servicePlanName}?queryParams={"filter":"","sortby":"","sortorder":"","pagenumber":"1","pagesize":"20000" }*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **servicePlanName (Mandatory):** Service Plan is a logical group of services in HCL BigFix CLM.It represents ServicePlanName in Manage Service Plan screen. • **queryParams (Optional):** It is used for filtering and sorting of records. It has three properties which are as follows: ○ **filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **sortby:** To sort the data based on column name. E.g. Sortby="keyname" ○ **sortorder:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Pagenumber:** To see the results based on Page Number. (by default it should be 1). ○ **Pagesize:** Number of records that need to get fitted in each page (by default it should be 20000). For e.g. {"filter": "text='secondry-compute'","sortby": "text","sortorder": "desc", "pagenumber":"1","pagesize":"20000"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "actualIdOnEnvironment": "2", "dataCenterName": "Site-B-Datacenter", "associatedServicePlans": [{

```
            "servicePlanId": "1",
            "servicePlanName": "platinum"
          }
        ]
      }
    ]
}
```


Response Parameters	• Actualidonenvironment • dataCenterName Name • associatedServicePlans • servicePlanId

3.4.17.23 Get Vcenter Datacenter Location

Table 193 - API: Vcenter DC Location

Element	Description
API	Getdclocation
Description	This API Returns Vcenter datacenter location of Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/dataCenterLocation*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "platformCode": "VMWAR", "entityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-840088EA264A", "locationId": 154,

	<pre>"locationName": "Delhi",
	"regionName": "Numberrth India"
	}</pre>

Response Parameters	• platformCode • entityId • locationId • locationName • regionName

3.4.17.24 Get Vcenter Region

Table 194 - API: Vcenter Region

Element	Description
API	Getdclocation
Description	This API Returns region is associated to endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/Vcenter/provisioningEndPoints/{endpointId}/regions*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	<pre>{
	"regionId": 4,
	"platformEntityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-840088EA264A",
	"regionName": "Numberrth India",
	"platformCode": "VMWAR",
	"displayName": "Numberrth India"
	}</pre>

Response Parameters	• regionId • platformEntityId

	• regionName • platformCode • displayName

3.4.18 Workflow

3.4.18.1 Update External Tool Reference by TaskRequestId

Table 195 - API: External Tool Reference Update

Element	Description
API	Externaltoolreferenceupdate
Description	This API Updates external tool reference id and name for a workflow task by unique task request Id.
Method	PATCH
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/tasks/taskRequestId/{taskRequestId}/updateExternalTool*
URL Parameters (fields in curly {} braces)	• **taskRequestId (Mandatory)**: This is a unique identifier of Process operation requestdetails.

Body Parameters	{
	
	"externalToolReferenceId":"Test Ref Id",
	"externalToolConfigurationId":"Test Config Id"
	}
	• Externaltoolreferenceid (Mandatory): Reference Id of Exteranl tool (SNUMBERW)
	• **Externaltoolconfigurationid (Mandatory)**: Unique ID of any external Tool (SNUMBERW) to associate with task in HCL BigFix CLM.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: "Success"
Response Parameters	

3.4.18.2 Update External Tool Reference by Task Name

Table 196 - API: External Tool Reference Update by Task Name

Element	Description
API	Externaltoolreferenceupdate
Description	This API Updates external tool reference id and name for a workflow task by request number, item number and task name.
Method	PATCH
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/tasks/requestNumber/{requestNumber}/itemNumber/{itemNumber}/taskName/{taskName}/updateExternalTool*
URL Parameters (fields in curly {} braces)	• Taskname (Mandatory): Workflow Task Name • **requestNumber (Mandatory)**: This is a unique identifier of request created in HCL BigFix CLM. **Itemnumber (Mandatory)**: Number of instances created with request.
Body Parameters	`{ "externalToolReferenceId":"Test Ref Id", "externalToolConfigurationId":"Test Config Id" }` • Externaltoolreferenceid (Mandatory): Reference Id of Exteranl tool (SNUMBERW) • **Externaltoolconfigurationid (Mandatory)**: Unique ID of any external Tool (SNUMBERW) to associate with task in HCL BigFix CLM.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.18.3 Execution of Workflow

Table 197 - API: Execute Workflow

Element	Description

API	CustomWorkflowExecution
Description	API Execute custom workflow by workflow name.
Method	PATCH
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/workflowName/{workflowName}/Execute*
URL Parameters (fields in curly {} braces)	• **workflowName(mandatory):** Unique name of script to execute.

Body Parameters	Request body should be json tring to execute the python or powershell script.
	• For Powershell API accepts request body in a variable –apirequestbody (Mandatory) and token in –apiaccesstoken (Optional).
	• For Python: sys. argv[1] for access token and sys.argv[2] for request jsonbody.
	Below is an example of request body. It can be any json request to execute the script.
	`{"autoid":17,`
	`"orgentitiyid":"-1",`
	`"scripttype":"",`
	`"scriptlanguage":"POWERSHELL",`
	`"Tags":"",`
	`"Action":"SEARCH"}`

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`

3.4.18.4 Update ITSM/Snumberw Task by TaskName and CRNumber

Table 198 - API: Update Snumberw/task status by Task Name and CR Number

Element	Description
API	Manualupdatesnumberwtask

Description	This API Updates workflow task status by task Name and crnumber. Generally, API is called by external systems to update HCL BigFix CLM task for async/manual task. * Refer Accessibility Matrix for permission.
Method	PATCH
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/tasks/taskName/{taskName}/crNumber/{crNumber}/updateStatus*

Body Parameters	`{ "isSuccess": 0, "businessParameters": {}, "errorDescription": "string" }`
	• Crnumber (Mandatory): ITSM CR or SR number.
	• Taskname (Mandatory): ITSM Task Name
	• **Errordescription (Optional)**: Details of error (if any).
	• **Issucess (Mandatory)**: Task is Success in ITSM
	  ○ 0: Success
	  ○ 1: Fail
	  ○ 2: In progress task
	• **businessParameters (Optional):** This field contains key(s) and value(s) which will update in requestdetailsextended table in HCL BigFix CLM separated with separators which are defined by provider admin at task under process template.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

Table 199 - API:Update Snumberw/ITSM Task Status by TaskRequestId

Element	Description
API	Manualupdatesnumberwtaskbyid
Description	This API Updates workflow task status by unique task request Id. Generally, API is called by external systems to update HCL BigFix CLM task for async/manual task. * Refer Accessibility Matrix for permission.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/tasks/taskRequestId/{taskRequestId}/updateStatus*

Body Parameters	`{ "isSuccess": 0, "businessParameters": {"Key":" Value"," Key1":" Value"}, "errorDescription": "string" }`
	• **taskRequestId (Mandatory):** It is unique ID of Process workflow task of HCL BigFix CLM.
	• **Issuccess (Mandatory)** : Task is Success in ITSM
	  ○ 0: Success
	  ○ 1: Fail
	  ○ 2: In progress task
	• **businessParameters (Optional):** This field contains key and value which are need to update in requestdetailsextended table in HCL BigFix CLM e.g. {"key1":"value","key2":"value2"}.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	Sample Response: `"Success"`

Response Parameters	

3.4.18.6 Update Task Status by External Tool Configuration

Table 200 - API: Update Workflow Task Status by External Tool Configuration

Element	Description
API	Externaltoolstatusupdate
Description	This API Updates workflow task status by external tool configuration Id and external tool reference Id. Generally, API is called by external systems to update HCL BigFix CLM task for async/manual task.
Method	PATCH
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/tasks/externalToolconfigurationId/{externalToolconfigurationId}/externalToolReferenceId/{externalToolReferenceId}/updateStatus*
URL Parameters (fields in curly {} braces)	• Externaltoolreferenceid (Mandatory): External Tool ITSM(SNUMBERW) Reference Id. • **Externaltoolconfigurationid (Mandatory):** External Tool ITSM(SNUMBERW) Configuration Id.

Body Parameters	<pre>{
	"isSuccess": 0,
	"businessParameters": {}
	}</pre>
	• **Issuccess (Mandatory):** Value to update the status of task associated with mentioned external tool reference.
	○ 0: Success
	○ 1: Fail
	○ 2: In progress task
	businessParameters (Optional): This field contains key and value which are need to update in requestdetailsextended table in HCL BigFix CLM e.g. {"key1":"value","key2":"value2"}.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description.

	• **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.18.7 Workflow Update Execution Time By taskName

Table 201 - API: Update Workflow Task Execution Time by Task Name

Element	Description
API	UpdatetaskexecutiontimebyTaskName
Description	This API Updates execution time of workflow task by request number, item number. and task name.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/tasks/requestNumber/{requestNumber}/itemNumber/{itemNumber}/taskName/{taskName}/updateExecutionTime*
Body Parameters	`{ "taskExecutionDate": "2020-12-24 07:20:54.650" }` • **requestNumber (Mandatory):** This is a unique identifier of requested created in HCL BigFix CLM. • itemNumber (Mandatory): This is a nunber of item of request. • **taskName (Mandatory):** Name of Task created in Process template for request. • **taskExecutionDate (Mandatory):** Future execution date to execute task.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.18.8 Workflow Update Execution Time By taskId

Table 202 - API: Update Workflow Task Execution Time by Task Id

Element	Description
API	UpdatetaskexecutiontimebyTaskId
Description	Updates execution time of workflow task by unique task request Id.
Method	PATCH
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/tasks/taskRequestId/{taskRequestId}/updateExecutionTime*
Body Parameters	`{ "taskExecutionDate": "2020-12-24 07:20:54.650" }` • **taskExecutionDate (Mandatory):** Future execution date to execute task. • **taskRequestId (Mandatory):** It is unique ID of Process workflow task of HCL BigFix CLM.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.18.9 Get Process Templates Based on Platform Code

Table 203 - API: Get Process Templates Based on Platform Code.

Element	Description
API	GetProcessTemplates
Description	API returns Process Templates based on platform code.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/organizations/{organizationCode}/platformCode/{platformCode}*

URL Parameters (fields in curly {} braces)	• **platformCode (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationCode (Mandatory)**: Unique Identifier of Organization. Organization Code is available on Manage Organization screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "templateId=0","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 0, "records": [] }`
Response Parameters	• Result: ○ templateId ○ templateName ○ templateDescription ○ uiTemplateId ○ uiTemplateName ○ entityTypeName ○ entityTypeCode ○ version

Table 204 - API: Updates Workflow Task Status by Task Name, Request Number, and Item Number

Element	Description
API	UpdateTask
Description	This API Updates workflow task status by task Name, request number and item number. * Refer Accessibility Matrix for permission.
Method	PATCH
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/tasks/requestNumber/{requestNumber}/itemNumber/{itemNumber}/taskName/{taskName}/updateStatus*

Body Parameters	`{ "isSuccess": 0, "businessParameters": {}, "errorDescription": "string" }`
	• **taskname (Mandatory)**: Unique Name of a Task execution in a Orchestrator Workflow available on Manage Process template Add/Edit screen.
	• **requestNumber (Mandatory):** Represents the request number.
	• **itemNumber (Mandatory):** Represents the item number.
	• Issucess (Mandatory):
	  ○ 0: Success
	  ○ 1: Fail
	  ○ 2: In progress task
	• **businessParameters (Optional):** This field contains key(s) and value(s) which will update in requestdetailsextended table in HCL BigFix CLM separated with separators which are defined by provider admin at task under process template.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`

Response Parameters	

3.4.18.11 Delete Process Template

Table 205 - API: Delete Process Template

Element	Description
API	DeleteProcesstemplate
Description	This API Deletes Process Template. API is accessable to provider admin.
Method	DELETE
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/templateId/{templateId}*
Body Parameters	• **templateId (Mandatory):** Unique Process templateId.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.18.12 Get Task Response Based on Task Short Name

Table 206 - API: GET Task Response Based on Task Short Name

Element	Description
API	GetTaskStatusByTaskSequence
Description	API is used to get the task response based on Task Short Name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/requestNumber/{requestNumber}/itemNumber/{itemNumber}/taskShortName/{taskShortName}/response*
URL Parameters (fields in curly {} braces)	• **requestNumber (Mandatory)**: Represents the request number. • **itemNumber (Mandatory)**: Represents the item number. • **taskShortName (Mandatory)**: Unique Task Short Name of a task in a orchestrator workflow available on Manage Process Template Add/Edit Screen.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"Status": "Success",`
	`"ErrorCode": "0",`
	`"ErrorDescription": "",`
	`"Result": "SUCCESS 526B70FA-5622-41C4-877D-6F2035F5ADEC"`
	`}`

Response Parameters	• Result:
	  ○ Status
	  ○ ErrorCode
	  ○ ErrorDescription
	  ○ Result

3.4.18.13 Get Task Response Based on Task Name

Table 207 - API: GET Task Response Based on Task Name

Element	Description
API	GetTaskStatusByTaskName
Description	API is used to get task response based on Task Name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/workflows/requestNumber/{requestNumber}/itemNumber/{itemNumber}/taskName/{taskName}/response*
URL Parameters (fields in curly {} braces)	• **requestNumber (Mandatory)**: Represents the request number. • **itemNumber (Mandatory)**: Represents the item number. • **taskName (Mandatory)**: Unique Task Name of a task in a orchestrator workflow available on Manage Process Template Add/Edit Screen.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a

	Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "Status": "Success", "ErrorCode": "0", "ErrorDescription": "", "Result": "SUCCESS 526B70FA-5622-41C4-877D-6F2035F5ADEC" }`

Response Parameters	• Result:
	  ○ Status
	  ○ ErrorCode
	  ○ ErrorDescription
	  ○ Result

3.4.19 Cisco Inter Sight

3.4.19.1 Virtualizations

3.4.19.1.1 Get Organization Details

Table 208 - API: GET Cisco Intersight Organization Details

Element	Description
API	GetCiscoIntersightOrg
Description	API returns cisco intersight organization details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/organizations*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:

	○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g., Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid='629dd1006972652d30e18e3d'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"tags": {},
	"sharedScope": "string"
	}
	}

Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ tags ○ sharedScope

Table 209 - API: GET Cisco Intersight Target Details

Element	Description
API	GetCiscoIntersightTarget
Description	API returns cisco intersight target details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/targets*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	xxxxxxxxxxx
	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",

```
    "status": "string",
    "ipAddress": {},
    "externalIpAddress": "string",
    "productId": {},
    "description": "string",
    "targetType": "string",
    "tags": {},
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ status ○ ipAddress ○ externalIPAddress ○ productId ○ description ○ organizations

3.4.19.1.3 Get Target Details Based on Organization Moid/Name

Table 210 - API: GET Cisco Intersight Target Details

Element	Description
API	GetCiscoIntersightTarget
Description	API returns cisco intersight target details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/targets/organizations/{organizationMoid}*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationMoid (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	xxxxxxxxxxx
	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"status": "string",
	"ipAddress": {},
	"externalIpAddress": "string",
	"productId": {},
	"description": "string",
	"targetType": "string",
	"tags": {},
	"organizations": [
	{

	"name": "string", "moid": "string" }] } }
Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ status ○ ipAddress ○ externalIPAddress ○ productId ○ description ○ organizations

3.4.19.1.4 Get Resource Group Details

Table 211 - API: GET Cisco Intersight Resource Group Details

Element	Description
API	GetCiscoIntersightResourceGroup
Description	API returns cisco intersight resource group details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/resourceGroups*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"

	○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"tags": {},
	"organizations": [
	{
	"name": "string",
	"moid": "string"
	}
	]
	}
	}

Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ tags

	○ organizations

3.4.19.1.5 Get Resource Group Details Based on Organization Moid/Name

Table 212 - API: GET Cisco Intersight Resource Group Details by Organization Moid/Name

Element	Description
API	GetCiscoIntersightResourceGroup
Description	API returns cisco intersight resource group details based on organization Moid/Name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/resourceGroups/organizations/{organizationMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationMoid (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",

	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"tags": {},
	"organizations": [
	{
	"name": "string",
	"moid": "string"
	}
	]
	}
	}

Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ tags ○ organizations

3.4.19.1.6 Get Cluster Details

Table 213 - API: GET Cisco Intersight Cluster Details

Element	Description
API	GetCiscoIntersightCluster
Description	API returns cisco intersight cluster details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/clusters*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"hypervisorType": "string",
	"hypervisorVersion": "string",
	"inventoryPath": "string",
	"memoryCapacityInBytes": 0,
	"memoryFreeInBytes": 0,
	"memoryUsedInBytes": 0,
	"status": "string",
	"tags": {},
	"totalCores": 0,
	"processorCapacityInMhz": 0,
	"processorFreeInMhz": 0,
	"processorUsedInMhz": 0,
	"dataCenter": {
	"name": "string",

<table>
<tr><td></td><td><pre>
      "moid": "string"
    },
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
</pre></td></tr>
<tr><td>Response Parameters</td><td>

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - hyperversionType
  - hypervisiorVersion
  - inventoryPath
  - memoryCapacityInBytes
  - memoryFreeInBytes
  - memoryUsedInBytes
  - status
  - tags
  - totalCores
  - processorCapacityInMhz
  - processorFreeInMhz
  - processorUsedInMhz
  - dataCenter
  - Organizations

</td></tr>
</table>

3.4.19.1.7 Get Cluster Details Based on Data Center Moid/Name

Table 214 - API: GET Cisco Intersight Cluster Details Based on Data Center Moid/Name

Element	Description
API	GetCiscoIntersightCluster

Description	API returns cisco intersight cluster details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/clusters/dataCenters/{dataCenterMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **dataCenterMoid (Mandatory)**: DataCenter Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"hypervisorType": "string",
	"hypervisorVersion": "string",
	"inventoryPath": "string",
	"memoryCapacityInBytes": 0,
	"memoryFreeInBytes": 0,

```
    "memoryUsedInBytes": 0,
    "status": "string",
    "tags": {},
    "totalCores": 0,
    "processorCapacityInMhz": 0,
    "processorFreeInMhz": 0,
    "processorUsedInMhz": 0,
    "dataCenter": {
      "name": "string",
      "moid": "string"
    },
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - hyperversionType
  - hypervisiorVersion
  - inventoryPath
  - memoryCapacityInBytes
  - memoryFreeInBytes
  - memoryUsedInBytes
  - status
  - tags
  - totalCores
  - processorCapacityInMhz
  - processorFreeInMhz
  - processorUsedInMhz
  - dataCenter

	○ Organizations

3.4.19.1.8 Get Host Details

Table 215 - API: GET Cisco Intersight Host Details

Element	Description
API	GetCiscoIntersightHost
Description	API returns cisco intersight host details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/hosts*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	xxxxxxxxxxx
	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",

```
    "entityId": "string",
    "objectType": "string",
    "classId": "string",
    "description": "string",
    "connectionState": "string",
    "cpuCores": 0,
    "cpuSockets": 0,
    "cpuSpeed": 0,
    "dnsServers": {},
    "memorySize": 0,
    "hwPowerState": "string",
    "hypervisorType": {},
    "isSSHEnabled": true,
    "maintenanceMode": true,
    "model": "string",
    "nptServers": {},
    "serial": "string",
    "storageAdapterCount": 0,
    "tags": {},
    "vendor": "string",
    "cpuConsumedInHZ": 0,
    "memoryConsumedInBytes": 0,
    "cluster": {
      "name": "string",
      "moid": "string"
    },
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId

	○ objectType ○ classId ○ description ○ connectionState ○ cpuCores ○ cpuSockets ○ cpuSpeed ○ dnsServers ○ memorySize ○ hwPowerState ○ hypervisorType ○ isSSHEnabled ○ maintenanceMode ○ model ○ nptServers ○ serial ○ storageAdapterCount ○ tags ○ vendor ○ cpuConsumedInBytes ○ memoryClusterInBytes ○ cluster ○ organizations

3.4.19.1.9 Get Host Details by Cluster Moid/Name

Table 216 - API: GET Cisco Intersight Host Details by Cluster Moid/Name

Element	Description
API	GetCiscoIntersightHost
Description	API returns cisco intersight host details based on cluster moid/name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/hosts/clusters/{clusterMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **clusterMoid (Mandatory)**: cluster Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	xxxxxxxxxxx
	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"connectionState": "string",
	"cpuCores": 0,
	"cpuSockets": 0,
	"cpuSpeed": 0,
	"dnsServers": {},
	"memorySize": 0,
	"hwPowerState": "string",
	"hypervisorType": {},
	"isSSHEnabled": true,
	"maintenanceMode": true,
	"model": "string",

```
    "nptServers": {},
    "serial": "string",
    "storageAdapterCount": 0,
    "tags": {},
    "vendor": "string",
    "cpuConsumedInHZ": 0,
    "memoryConsumedInBytes": 0,
    "cluster": {
      "name": "string",
      "moid": "string"
    },
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - connectionState
  - cpuCores
  - cpuSockets
  - cpuSpeed
  - dnsServers
  - memorySize
  - hwPowerState
  - hypervisorType
  - isSSHEnabled
  - maintenanceMode
  - model
  - nptServers

	○ serial ○ storageAdapterCount ○ tags ○ vendor ○ cpuConsumedInBytes ○ memoryClusterInBytes ○ cluster ○ organizations

3.4.19.1.10 Get Data Centers Details

Table 217 - API: GET Cisco Intersight Datacenters Details

Element	Description
API	GetCiscoIntersightDataCenters
Description	API returns cisco intersight datacenters details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/datacenters*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description.

	• **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"inventoryPath": "string",
	"networkCount": 0,
	"clusterCount": 0,
	"hostCount": 0,
	"datastoreCount": 0,
	"vmCount": 0,
	"vmTemplateCount": 0,
	"tags": {},
	"Vcenter": {
	"name": "string",
	"moid": "string"
	},
	"organizations": [
	{
	"name": "string",
	"moid": "string"
	}
	]
	}
	}

Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ connectionState

	○ cpuCores ○ cpuSockets ○ cpuSpeed ○ dnsServers ○ memorySize ○ hwPowerState ○ hypervisorType ○ isSSHEnabled ○ maintenanceMode ○ model ○ nptServers ○ serial ○ storageAdapterCount ○ tags ○ vendor ○ cpuConsumedInBytes ○ memoryClusterInBytes ○ cluster ○ organizations

3.4.19.1.11 Get Data Centres Details Based on Vmware Vcenter Moid/Name

Table 218 - API: GET Cisco Intersight Datacenters Details based on VmwareVcenter Moid/Name

Element	Description
API	GetCiscoIntersightDataCenters
Description	API returns cisco intersight datacenters details based on VmwareVcenter Moid/Name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/datacenters/Vcenters/{VcenterMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **Vcenters (Mandatory)**: Vcenter Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:

	○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"inventoryPath": "string",
	"networkCount": 0,
	"clusterCount": 0,
	"hostCount": 0,
	"datastoreCount": 0,
	"vmCount": 0,
	"vmTemplateCount": 0,
	"tags": {},
	"Vcenter": {
	"name": "string",
	"moid": "string"
	},
	"organizations": [
	{
	"name": "string",

```
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ connectionState ○ cpuCores ○ cpuSockets ○ cpuSpeed ○ dnsServers ○ memorySize ○ hwPowerState ○ hypervisorType ○ isSSHEnabled ○ maintenanceMode ○ model ○ nptServers ○ serial ○ storageAdapterCount ○ tags ○ vendor ○ cpuConsumedInBytes ○ memoryClusterInBytes ○ cluster ○ organizations

3.4.19.1.12 Get Cluster Storage Details

Table 219 - API: GET Cisco Intersight Cluster Storage Details

Element	Description

API	GetCiscoIntersightClusterStorage
Description	API returns cisco intersight Cluster storage details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/clusterStorages*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"inventoryPath": "string",
	"status": "string",
	"tags": {},
	"type": "string",

```
    "url": "string",
    "ioLatencyThreshold": 0,
    "ioLoadBalanceAutomationMode": "string",
    "ioMetricsEnabled": true,
    "reservablePercentThreshold": 0,
    "ruleEnforcementAutomationMode": "string",
    "sharedScope": "string",
    "spaceLoadBalanceAutomationMode": "string",
    "spaceThresholdMode": "string",
    "storageDrsEnabled": true,
    "utilizedSpaceThreshold": 0,
    "hostCount": 0,
    "vmCount": 0,
    "datastoreCount": 0,
    "vmTemplateCount": 0,
    "capacityInBytes": 0,
    "freeCapacityInBytes": 0,
    "usedCapacityInBytes": 0,
    "dataCenter": {
      "name": "string",
      "moid": "string"
    },
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - inventoryPath

	○ status ○ tags ○ type ○ url ○ ioLatencyThreshold ○ ioLoadBalanceAutomationMode ○ ioMetricsEnabled ○ reservablePercentThreshold ○ ruleEnforcementAutomationMode ○ sharedScope ○ spaceLoadBalanceAutomationMode ○ spaceThresholdMode ○ storageDrsEnabled ○ utilizedSpaceThreshold ○ hostCount ○ vmCount ○ datastoreCount ○ vmTemplateCount ○ capacityInBytes ○ freeCapacityInBytes ○ usedCapacityInBytes ○ dataCenter ○ Organizations

3.4.19.1.13 Get Cluster Storage Details Based on Data Center Moid/Name

Table 220 – API: GET Cisco Intersight Cluster Storage Details Based on Data Center Moid/Name

Element	Description
API	GetCiscoIntersightClusterStorage
Description	API returns cisco intersight Cluster storage details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/clusterStorages/dataCenters/{dataCenterMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **dataCenterMoid (Mandatory)**: DataCenter Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"inventoryPath": "string",
	"status": "string",
	"tags": {},
	"type": "string",
	"url": "string",
	"ioLatencyThreshold": 0,
	"ioLoadBalanceAutomationMode": "string",
	"ioMetricsEnabled": true,
	"reservablePercentThreshold": 0,
	"ruleEnforcementAutomationMode": "string",
	"sharedScope": "string",
	"spaceLoadBalanceAutomationMode": "string",

```
    "spaceThresholdMode": "string",
    "storageDrsEnabled": true,
    "utilizedSpaceThreshold": 0,
    "hostCount": 0,
    "vmCount": 0,
    "datastoreCount": 0,
    "vmTemplateCount": 0,
    "capacityInBytes": 0,
    "freeCapacityInBytes": 0,
    "usedCapacityInBytes": 0,
    "dataCenter": {
      "name": "string",
      "moid": "string"
    },
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - inventoryPath
  - status
  - tags
  - type
  - url
  - ioLatencyThreshold
  - ioLoadBalanceAutomationMode
  - ioMetricsEnabled
  - reservablePercentThreshold

	○ ruleEnforcementAutomationMode ○ sharedScope ○ spaceLoadBalanceAutomationMode ○ spaceThresholdMode ○ storageDrsEnabled ○ utilizedSpaceThreshold ○ hostCount ○ vmCount ○ datastoreCount ○ vmTemplateCount ○ capacityInBytes ○ freeCapacityInBytes ○ usedCapacityInBytes ○ dataCenter ○ Organizations

3.4.19.1.14 Get Distributed Switches Details

Table 221 – API: GET Cisco Intersight Switches Details

Element	Description
API	GetCiscoIntersightDistributedSwitches
Description	API returns cisco intersight distributed switches details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/distributedSwitches*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "moid=‘ 62cbcfe76f72612d30b8839b‘",”sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"maxPort": 0,
	"mtu": 0,
	"numHosts": 0,
	"numNetworks": 0,
	"numStandAlonePorts": 0,
	"numUplinks": 0,
	"switchCapacity": {},
	"tags": {},
	"version": "string",
	"dataCenter": {
	"name": "string",
	"moid": "string"
	},
	"organizations": [
	{
	"name": "string",
	"moid": "string"
	}
	]
	}
	}

Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ maxPort ○ mtu ○ numHosts ○ numNetworks ○ numStandAlonePorts ○ numUplinks ○ switchCapacity ○ tags ○ Version ○ Datacenter ○ organizations

Table 222 - API: GET Cisco Intersight Switches Details

Description	API returns cisco intersight distributed switches details based on data center moid/name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/distributedSwitches/dataCenters/{dataCenterMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **dataCenters (Mandatory)**: DataCenter Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1"

	○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10“ For e.g. {"filter": "moid=‘ 62cbcfe76f72612d30b8839b‘",”sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 1,
	"records": [
	{
	"moid": "62cbd861736c6f2d307bfc7d",
	"name": "PROD-N-VDS",
	"entityId": "DSW-5D071862-5159-43FC-843B-ABD073F60838",
	"objectType": "virtualization.VmwareDistributedSwitch",
	"classId": "virtualization.VmwareDistributedSwitch",
	"maxPort": 2147483647,
	"mtu": 9000,
	"numHosts": 3,
	"numNetworks": 11,
	"numStandAlonePorts": 71,
	"numUplinks": 2,
	"switchCapacity": {
	"capacity": 0,
	"classId": "virtualization.StorageCapacity",
	"free": 0,
	"objectType": "virtualization.StorageCapacity",
	"used": 0

	`},`
	`"tags": "",`
	`"version": "7.0.0",`
	`"dataCenter": {`
	`"name": "xxxxxx -PROD",`
	`"moid": "xxxxxx "`
	`},`
	`"organizations": []`
	`}`
	`]`
	`}`

Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ maxPort ○ mtu ○ numHosts ○ numNetworks ○ numStandAlonePorts ○ numUplinks ○ switchCapacity ○ tags ○ Version ○ Datacenter ○ organizations

3.4.19.1.15 Get Network Details

Table 223 - API: GET Cisco Intersight Network Details

Element	Description
API	GetCiscoIntersightDistributedNetworks
Description	API returns cisco intersight network details.
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/distributedNetworks*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	xxxxxxxxxxxxxxxxx
	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"numPorts": 0,
	"vlanType": "string",
	"hosts": [
	{
	"name": "string",
	"moid": "string"
	}

```
    ],
    "distributedSwitch": {
      "name": "string",
      "moid": "string"
    },
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ numPorts ○ vlanType ○ hosts ○ disctributedSwitch ○ Organizations

3.4.19.1.16 Get Network Details Based on Distributed Switch Moid/Name

Table 224 - API: GET Cisco Intersight Network Details Based on Distributed Switch Moid

Element	Description
API	GetCiscoIntersightDistributedNetworks
Description	API returns cisco intersight network details based on Disctributed Switch Moid.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/distributedNetworks/distributedSwitchs/{distributedSwitchMoid}*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **distributedSwitchs (Mandatory)**: DistributedSwitch Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "moid": "62cbd861736c6f2d307bfc9a", "name": "DVPG020-DR-NET", "entityId": "DNTW-0572EBF5-8FAE-4B89-84AA-72D2D8FDBCB3", "objectType": "virtualization.VmwareDistributedNetwork", "classId": "virtualization.VmwareDistributedNetwork", "description": "DVPG020-DR-NET", "numPorts": 8, "vlanType": "VLAN", "hosts": [

```
                {
                    "name": "xxxxxxxxxxx",
                    "moid": "62cbd861736c6f2d307bfc72"
                },
                {
                    "name": "xxxxxxxxxxx",
                    "moid": "62cbd861736c6f2d307bfc70"
                },
                {
                    "name": "xxxxxxxxxxx",
                    "moid": "62cbd861736c6f2d307bfc6e"
                }
            ],
            "distributedSwitch": {
                "name": "VDS-PROD",
                "moid": "62cbd861736c6f2d307bfc7b"
            },
            "organizations": []
        }
    ]
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - numPorts
  - vlanType
  - hosts
  - disctributedSwitch
  - organizations

3.4.19.1.17 Get Network Details Based on Host Moid/Name

Table 225 - API: GET Cisco Intersight Network Details Based on Host Moid/Name

Element	Description
API	GetCiscoIntersightDistributedNetworksWithHost
Description	API returns cisco intersight network details based on Host Moid/Name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/distributedNetworks/hosts/{hostMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **hostId (Mandatory)**: Host Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	xxxxxxxxxxxxxxxxx
	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",

```
    "numPorts": 0,
    "vlanType": "string",
    "hosts": [
      {
        "name": "string",
        "moid": "string"
      }
    ],
    "distributedSwitch": {
      "name": "string",
      "moid": "string"
    },
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ numPorts ○ vlanType ○ hosts ○ disctributedSwitch ○ Organizations

3.4.19.1.18 Get Data Stores Details

Table 226 - API: GET Cisco Intersight Data Stores Details

Element	Description
API	GetCiscoIntersightDataStoreDefault

Description	API returns cisco intersight data stores details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/dataStores*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "moid": "62d02869736c6f2d307c0f82", "name": "Netapp_VMW_Numberde01", "entityId": "DS-58627A09-AA6A-4D87-866A-C8972BD61BCC", "objectType": "virtualization.VmwareDatastore", "classId": "virtualization.VmwareDatastore", "description": "Netapp_VMW_Numberde01",

```
            "inventoryPath": xxxxxx ",
            "multipleHostAccess": 1,
            "maintenanceMode": 0,
            "status": "Ok",
            "tags": "",
            "thinProvisioningSupported": 1,
            "type": "VMFS",
            "url": "xxxxxx ",
            "hostCount": 3,
            "vmCount": 0,
            "vmTemplateCount": 0,
            "capacityInBytes": "107105746944",
            "freeCapacityInBytes": 105595797504,
            "usedCapacityInBytes": 1509949440,
            "dataCenter": {
                "name": "xxxxxx -PROD",
                "moid": "xxxxxx "
            },
            "hosts": [],
            "organizations": []
        }
    ]
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - inventoryPath
  - multipleHostAccess
  - maintenanceMode
  - status
  - tags
  - thinProvisioningSupported
  - type
  - url

	○ hostCount ○ vmCount ○ vmTemplateCount ○ capacityInBytes ○ freeCapacityInBytes ○ usedCapacityInBytes ○ dataCenter ○ hosts ○ organizations

3.4.19.1.19 Get Data Stores Details Based on Datacenter Moid/Name

Table 227 - API: GET Cisco Intersight Data Stores Details based on Datacenter Moid/Name

Element	Description
API	GetCiscoIntersightDataStoreByDataCnter
Description	API returns cisco intersight data stores details based on datacenter moid.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/dataStores/dataCenters/{dataCenterMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **dataCenterMoId (Mandatory)**: DataCenter Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a

	Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"inventoryPath": "string",
	"multipleHostAccess": true,
	"maintenanceMode": true,
	"status": "string",
	"tags": {},
	"thinProvisioningSupported": true,
	"type": "string",
	"url": {},
	"hostCount": 0,
	"vmCount": 0,
	"vmTemplateCount": 0,
	"capacityInBytes": 0,
	"freeCapacityInBytes": 0,
	"usedCapacityInBytes": 0,
	"dataCenter": {
	"name": "string",
	"moid": "string"
	},
	"hosts": [
	{
	"name": "string",
	"moid": "string"
	}
	],
	"organizations": [
	{

```
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ inventoryPath ○ multipleHostAccess ○ maintenanceMode ○ status ○ tags ○ thinProvisioningSupported ○ type ○ url ○ hostCount ○ vmCount ○ vmTemplateCount ○ capacityInBytes ○ freeCapacityInBytes ○ usedCapacityInBytes ○ dataCenter ○ hosts ○ organizations

3.4.19.1.20 Get Data Stores Details Based on Host Moid/Name

Table 228 - API: GET Cisco Intersight Data Stores Details based on Host Moid/Name

Element	Description
API	GetCiscoIntersightDataStoreByHost

Description	API returns cisco intersight data stores details based on host moid.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/dataStores/hosts/{hostMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **hostMoId (Mandatory)**: Host Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"inventoryPath": "string",
	"multipleHostAccess": true,
	"maintenanceMode": true,
	"status": "string",

```
    "tags": {},
    "thinProvisioningSupported": true,
    "type": "string",
    "url": {},
    "hostCount": 0,
    "vmCount": 0,
    "vmTemplateCount": 0,
    "capacityInBytes": 0,
    "freeCapacityInBytes": 0,
    "usedCapacityInBytes": 0,
    "dataCenter": {
      "name": "string",
      "moid": "string"
    },
    "hosts": [
      {
        "name": "string",
        "moid": "string"
      }
    ],
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - inventoryPath
  - multipleHostAccess
  - maintenanceMode

	○ status ○ tags ○ thinProvisioningSupported ○ type ○ url ○ hostCount ○ vmCount ○ vmTemplateCount ○ capacityInBytes ○ freeCapacityInBytes ○ usedCapacityInBytes ○ dataCenter ○ hosts ○ organizations

3.4.19.1.21 Get Template Details

Table 229 - API: GET Cisco Intersight Template Details

Element	Description
API	GetCiscoIntersighttemplate
Description	API returns cisco intersight template details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/templates*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "moid=‘ 62cbcfe76f72612d30b8839b‘",”sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	xxxxxx
	{
	"totalRecords": 0,
	"records": {
	"name": "string",
	"moid": "string",
	"type": "string",
	"osCode": "string",
	"maxCpu": "string",
	"maxMemory": "string",
	"username": "string",
	"status": "string",
	"guestOsProfile": "string",
	"description": "string",
	"inventoryPath": "string",
	"dataCenter": {
	"name": "string",
	"moid": "string"
	},
	"cluster": {
	"name": "string",
	"moid": "string"
	},
	"host": {
	"name": "string",
	"moid": "string"
	},
	"organizations": [
	{
	"name": "string",
	"moid": "string"

	}] } }
Response Parameters	• Result: ○ name ○ moid ○ type ○ osCode ○ maxCpu ○ maxMemory ○ username ○ status ○ guestOsProfile ○ description ○ inventoryPath ○ dataCenter ○ cluster ○ host ○ organizations

3.4.19.1.22 Get Template Details Based on Organization Moid

Table 230 - API: GET Cisco Intersight Template Details Based on Organization Moid

Element	Description
API	GetCiscoIntersighttemplate
Description	API returns cisco intersight template details baed on organization moid.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/templates/organizations/{organizationmoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationmoid (Mandatory)**: Organization Moid/Name.

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	xxxxxx
	{
	"totalRecords": 0,
	"records": {
	"name": "string",
	"moid": "string",
	"type": "string",
	"osCode": "string",
	"maxCpu": "string",
	"maxMemory": "string",
	"username": "string",
	"status": "string",
	"guestOsProfile": "string",
	"description": "string",
	"inventoryPath": "string",
	"dataCenter": {
	"name": "string",
	"moid": "string"
	},
	"cluster": {
	"name": "string",
	"moid": "string"

```
    },
    "host": {
      "name": "string",
      "moid": "string"
    },
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters	• Result: ○ name ○ moid ○ type ○ osCode ○ maxCpu ○ maxMemory ○ username ○ status ○ guestOsProfile ○ description ○ inventoryPath ○ dataCenter ○ cluster ○ host ○ organizations

3.4.19.1.23 Free IP Details by Distributed Switch

Table 231 - API: GET Cisco Intersight Free IP Details by Distributed Switch

Element	Description
API	GetCiscoFreeIPDetails
Description	Reserves and returns IPaddress for an object i.e., IP will be blocked in passed Switch.

Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/distributedSwitches/{distributedSwitchMoid}/freeIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **distributedSwitchMoid (Mandatory)**: DistributedSwitch Moid/Name. • **freeIpJson (Mandatory)**: Json body containing objectid and nic prefix to be mapped
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"networkName": "PROD-N-VDS",`
	`"ipAddress": "xx.xx.xx.xx",`
	`"subnetMask": "xx.xx.xx.xx ",`
	`"defaultGateway": "xx.xx.xx.xx ",`
	`"networkType": "NET_T1"`
	`}`

Response Parameters	• Result:
	  ○ networkName
	  ○ ipAddress
	  ○ subnetMask
	  ○ defaultGateway
	  ○ networkType

3.4.19.1.24 Free IP Details by Distributed Network

Table 232 - API: GET Cisco Intersight Free IP Details by Distributed Network

Element	Description
API	GetCiscoFreeIPDetails

Description	Reserves and returns IPaddress for an object i.e. IP will be blocked in passed Network.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/distributedNetworks/{distributedNetworkMoid}/freeIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **distributedNetworkMoid (Mandatory)**: DistributedNetwork Moid/Name. • **freeIpJson (Mandatory)**: Json body containing objectid and nic prefix to be mapped
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"networkName": "PROD-N-VDS",`
	`"ipAddress": "xx.xx.xx.xx ",`
	`"subnetMask": "xx.xx.xx.xx ",`
	`"defaultGateway": "xx.xx.xx.xx ",`
	`"networkType": "NET_T1"`
	`}`

Response Parameters	• Result:
	  ○ networkName
	  ○ ipAddress
	  ○ subnetMask
	  ○ defaultGateway
	  ○ networkType

3.4.19.1.25 Release IP Details by Distributed Switch

Table 233 - API: Release IP Distributed Switch

Element	Description
API	CiscoReleaseIP

Description	Releases blocked/reserved IPaddress.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/distributedSwitches/{distributedSwitchMoid}/releaseIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **distributedSwitchMoid (Mandatory)**: Unique Identifier of Switch available on Resource Detail screen. • **ipJson (Mandatory)**: json body containing ip address. Here comment parameter is optional
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.19.1.26 Release IP Details by Distributed Network

Table 234 - API: Release IP Distributed Network

Element	Description
API	CiscoReleaseIP
Description	Releases blocked/reserved IPaddress.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/distributedNetworks/{distributedNetworkMoid}/releaseIps*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **distributedNetworkMoid (Mandatory)**: Unique Identifier of Network available on Resource Detail screen. • **ipJson (Mandatory)**: json body containing ip address. Here comment parameter is optional.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.19.1.27 Get VcenterDetails

Table 235 - API: GET Cisco Intersight Vcenter Details

Element	Description
API	GetCiscoIntersightVcenter
Description	API returns cisco intersight Vcenter details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/Vcenters*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"

	○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 1,
	"records": [
	{
	"moid": "",
	"name": "",
	"entityId": "",
	"objectType": "",
	"classId": "",
	"description": "",
	"registerDeviceMoid": "",
	"sharedScope": "",
	"version": "",
	"tags": "P_VMW_CetOS8_V1",
	"organizations": ""
	}
	]
	}

Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId

	○ description ○ registeredDeviceMoid ○ sharedScope ○ version ○ tags ○ organizations

3.4.19.1.28 Get Folderpath Details

Table 236 - API: GET Cisco Intersight Folderpath Details

Element	Description
API	GetCiscoIntersightFolderPath
Description	API returns cisco intersight Folderpath details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/vmware/provisioningEndPoints/{endpointId}/folders*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{

```
  "totalRecords": 0,
  "records": {
    "moid": "string",
    "name": "string",
    "entityId": "string",
    "objectType": "string",
    "classId": "string",
    "description": "string",
    "datacenter": {},
    "vmwareVcenterMoid": "string",
    "registeredDeviceMoid": "string",
    "identityFolder": "string",
    "internalFolder": true,
    "inventoryPath": "string",
    "sharedScope": "string",
    "typeofFolder": "string",
    "vmwareFolder": {},
    "tags": {},
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - datacenter
  - vmwareVcenterMoid
  - registeredDeviceMoid
  - identityFolder
  - internalFolder

	○ inventoryPath ○ sharedScope ○ typeofFolder ○ vmwareFolder ○ tags ○ organizations

3.4.19.2 Storage

3.4.19.2.1 Get Storage Pure Array Details

Table 237 – API: GET Cisco Intersight Pure Array Details

Element	Description
API	GetCiscoStotagePureArrays
Description	API returns storage pure array details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/storage/provisioningEndPoints/{endpointId}/pureArrays*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"storageAvailableInGB": 0,
	"storageUsedInGB": 0,
	"storageFreeInGB": 0,
	"storageTotalInGB": 0,
	"storageVolumeInGB": 0,
	"capacityUtilization": 0,
	"dataReduction": 0,
	"totalReduction": 0,
	"parity": 0,
	"storageProvisionedInGB": 0,
	"storageSharedInGB": 0,
	"storageSnapshotInGB": 0,
	"storageUtilizationSystem": 0,
	"storageUtilization": {},
	"vendor": "string",
	"version": "string",
	"registeredDeviceMoid": "string",
	"tags": {},
	"organizations": [
	{
	"name": "string",
	"moid": "string"
	}
	]
	}
	}

Response Parameters	• Result: ○ moid ○ name

	○ entityId ○ objectType ○ classId ○ description ○ storageAvailableInGB ○ storageUsedInGB ○ storageFreeInGB ○ storageTotalInGB ○ storageVolumeInGB ○ capacityUtilization ○ dataReduction ○ totalReduction ○ parity ○ storageProvisionedInGB ○ storageSharedInGB ○ storageSnapshotInGB ○ storageUtilizationSystem ○ storageUtilization ○ vendor ○ version ○ registeredDeviceMoid ○ tags ○ organizations

3.4.19.2.2 Get Storage Pure Array Details Based on Organization Moid/Name

Table 238 - API: GET Cisco Intersight Pure Array Details Based on Organization Moid/Name

Element	Description
API	GetCiscoStotagePureArrays
Description	API returns storage pure array details based on Oraganization Moid/Name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/storage/provisioningEndPoints/{endpointId}/pureArrays/organizations/{organizationMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **organizationId (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"storageAvailableInGB": 0,
	"storageUsedInGB": 0,
	"storageFreeInGB": 0,
	"storageTotalInGB": 0,
	"storageVolumeInGB": 0,
	"capacityUtilization": 0,
	"dataReduction": 0,
	"totalReduction": 0,
	"parity": 0,
	"storageProvisionedInGB": 0,
	"storageSharedInGB": 0,
	"storageSnapshotInGB": 0,

```
    "storageUtilizationSystem": 0,
    "storageUtilization": {},
    "vendor": "string",
    "version": "string",
    "registeredDeviceMoid": "string",
    "tags": {},
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - storageAvailableInGB
  - storageUsedInGB
  - storageFreeInGB
  - storageTotalInGB
  - storageVolumeInGB
  - capacityUtilization
  - dataReduction
  - totalReduction
  - parity
  - storageProvisionedInGB
  - storageSharedInGB
  - storageSnapshotInGB
  - storageUtilizationSystem
  - storageUtilization
  - vendor
  - version
  - registeredDeviceMoid

	○ tags ○ organizations

3.4.19.2.3 Get Storage Pure Host Details

Table 239 - API: GET Cisco Intersight Storage Host Details

Element	Description
API	GetCiscoStotagePureHost
Description	API returns storage pure host details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/storage/provisioningEndPoints/{endpointId}/pureHost*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",

```
    "entityId": "string",
    "objectType": "string",
    "classId": "string",
    "description": "string",
    "osType": "string",
    "initiators": {},
    "storageAvailableInGB": 0,
    "storageUsedInGB": 0,
    "storageFreeInGB": 0,
    "storageTotalInGB": 0,
    "storageVolumeInGB": 0,
    "capacityUtilization": 0,
    "dataReduction": 0,
    "totalReduction": 0,
    "storageSnapshotInGB": 0,
    "storageUtilization": {},
    "pureStorageArrayMoid": "string",
    "registeredDeviceMoid": "string",
    "tags": {},
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - osType
  - initiators
  - storageAvailableInGB
  - storageUsedInGB

	○ storageFreeInGB ○ storageTotalInGB ○ storageVolumeInGB ○ capacityUtilization ○ dataReduction ○ totalReduction ○ storageSnapshotInGB ○ storageUtilization ○ pureStorageArrayMoid ○ registeredDeviceMoid ○ tags ○ organizations

3.4.19.2.4 Get Storage Pure Host Details Based on Organization Moid

Table 240 - API: GET Cisco Intersight Storage Host Details Based on Organization Moid

Element	Description
API	GetCiscoStoragePureHost
Description	API returns storage pure host details based on organization moid.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/storage/provisioningEndPoints/{endpointId}/pureHost/organizations/{organizationMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **OrganizationMoId (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "moid=‘ 62cbcfe76f72612d30b8839b‘",”sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"osType": "string",
	"initiators": {},
	"storageAvailableInGB": 0,
	"storageUsedInGB": 0,
	"storageFreeInGB": 0,
	"storageTotalInGB": 0,
	"storageVolumeInGB": 0,
	"capacityUtilization": 0,
	"dataReduction": 0,
	"totalReduction": 0,
	"storageSnapshotInGB": 0,
	"storageUtilization": {},
	"pureStorageArrayMoid": "string",
	"registeredDeviceMoid": "string",
	"tags": {},
	"organizations": [
	{
	"name": "string",
	"moid": "string"
	}
	]
	}

	} }
Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ osType ○ initiators ○ storageAvailableInGB ○ storageUsedInGB ○ storageFreeInGB ○ storageTotalInGB ○ storageVolumeInGB ○ capacityUtilization ○ dataReduction ○ totalReduction ○ storageSnapshotInGB ○ storageUtilization ○ pureStorageArrayMoid ○ registeredDeviceMoid ○ tags ○ organizations

3.4.19.2.5 Get Storage Pure Host Group Details

Table 241 - API: GET Cisco Intersight Storage Host Group Details

Element	Description
API	GetCiscoStotagePureHostGroup
Description	API returns storage pure host details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/storage/provisioningEndPoints/{endpointId}/pureHostGroup*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"storageAvailableInGB": 0,
	"storageUsedInGB": 0,
	"storageFreeInGB": 0,
	"storageTotalInGB": 0,
	"storageVolumeInGB": 0,
	"capacityUtilization": 0,
	"dataReduction": 0,
	"totalReduction": 0,
	"storageSnapshotInGB": 0,
	"storageUtilization": {},

```
    "pureStorageArrayMoid": "string",
    "registeredDeviceMoid": "string",
    "tags": {},
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - storageAvailableInGB
  - storageUsedInGB
  - storageFreeInGB
  - storageTotalInGB
  - storageVolumeInGB
  - capacityUtilization
  - dataReduction
  - totalReduction
  - storageSnapshotInGB
  - storageUtilization
  - pureStorageArrayMoid
  - registeredDeviceMoid
  - tags
  - organizations

3.4.19.2.6 Get Storage Pure Host Group Details Based on Organization Moid

Table 242 - API: GET Cisco Intersight Storage Host Group Details Based on Organization Moid

Element	Description
API	GetCiscoStotagePureHostGroup
Description	API returns storage pure host details based on organization moid.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/storage/provisioningEndPoints/{endpointId}/pureHostGroup/organizations/{organizationMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationMoId (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"storageAvailableInGB": 0,

```
    "storageUsedInGB": 0,
    "storageFreeInGB": 0,
    "storageTotalInGB": 0,
    "storageVolumeInGB": 0,
    "capacityUtilization": 0,
    "dataReduction": 0,
    "totalReduction": 0,
    "storageSnapshotInGB": 0,
    "storageUtilization": {},
    "pureStorageArrayMoid": "string",
    "registeredDeviceMoid": "string",
    "tags": {},
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - storageAvailableInGB
  - storageUsedInGB
  - storageFreeInGB
  - storageTotalInGB
  - storageVolumeInGB
  - capacityUtilization
  - dataReduction
  - totalReduction
  - storageSnapshotInGB
  - storageUtilization
  - pureStorageArrayMoid

	○ registeredDeviceMoid ○ tags ○ organizations

3.4.19.2.7 Get Storage Pure Host Lun Details

Table 243 - API: GET Cisco Intersight Storage Host Group Lun Details

Element	Description
API	GetCiscoStotagePureHostLun
Description	API returns storage pure host lun details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/storage/provisioningEndPoints/{endpointId}/pureHostLun*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",

```
    "name": "string",
    "entityId": "string",
    "objectType": "string",
    "classId": "string",
    "description": "string",
    "storageMoid": "string",
    "storageName": "string",
    "associatedHostGroup": "string",
    "pureStorageHostMoid": "string",
    "pureStorageHostGroupMoid": "string",
    "pureStorageArrayMoid": "string",
    "registeredDeviceMoid": "string",
    "tags": {},
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - storageMoid
  - storageNam
  - associatedHostGroup
  - pureStorageHostMoid
  - pureStorageHostGroupMoid
  - pureStorageArrayMoid
  - registeredDeviceMoid
  - tags
  - organizations

Table 244 - API: GET Cisco Intersight Storage Host Group Lun Details Based on Organization Moid

Element	Description
API	GetCiscoStoragePureHostLun
Description	API returns storage pure host lun details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/storage/provisioningEndPoints/{endpointId}/pureHostLun/organizations/{organizationMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationMoId (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",

```
    "classId": "string",
    "description": "string",
    "storageMoid": "string",
    "storageName": "string",
    "associatedHostGroup": "string",
    "pureStorageHostMoid": "string",
    "pureStorageHostGroupMoid": "string",
    "pureStorageArrayMoid": "string",
    "registeredDeviceMoid": "string",
    "tags": {},
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - storageMoid
  - storageNam
  - associatedHostGroup
  - pureStorageHostMoid
  - pureStorageHostGroupMoid
  - pureStorageArrayMoid
  - registeredDeviceMoid
  - tags
  - organizations

3.4.19.2.9 GET Pure Volumes Details

Table 245 - API: GET Cisco Intersight Storage Pure Volumes

Element	Description
API	GetCiscoStoragePureHostVolumes
Description	API returns storage pure volumes details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/storage/provisioningEndPoints/{endpointId}/pureVolumes*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",
	"entityId": "string",
	"objectType": "string",
	"classId": "string",
	"description": "string",
	"storageAvailableInGB": 0,
	"storageUsedInGB": 0,
	"storageFreeInGB": 0,

```
    "storageTotalInGB": 0,
    "storageVolumeInGB": 0,
    "capacityUtilization": 0,
    "dataReduction": 0,
    "totalReduction": 0,
    "storageSnapshotInGB": 0,
    "storageUtilization": {},
    "pureStorageArrayMoid": "string",
    "registeredDeviceMoid": "string",
    "tags": {},
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - storageAvailableInGB
  - storageUsedInGB
  - storageFreeInGB
  - storageTotalInGB
  - storageVolumeInGB
  - capacityUtilization
  - dataReduction
  - totalReduction
  - storageSnapshotInGB
  - storageUtilization
  - pureStorageArrayMoid
  - pureStorageArrayMoid
  - tags

	○ organizations

3.4.19.2.10 GET Pure Volumes Details Based on Organization Moid/Name

Table 246 - API: GET Cisco Intersight Storage Pure Volumes by Organization Moid/Name

Element	Description
API	GetCiscoStoragePureHostVolumes
Description	API returns storage pure volumes details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/storage/provisioningEndPoints/{endpointId}/pureVolumes/organizations/{organizationMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationMoId (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": {
	"moid": "string",
	"name": "string",

```
    "entityId": "string",
    "objectType": "string",
    "classId": "string",
    "description": "string",
    "storageAvailableInGB": 0,
    "storageUsedInGB": 0,
    "storageFreeInGB": 0,
    "storageTotalInGB": 0,
    "storageVolumeInGB": 0,
    "capacityUtilization": 0,
    "dataReduction": 0,
    "totalReduction": 0,
    "storageSnapshotInGB": 0,
    "storageUtilization": {},
    "pureStorageArrayMoid": "string",
    "registeredDeviceMoid": "string",
    "tags": {},
    "organizations": [
      {
        "name": "string",
        "moid": "string"
      }
    ]
  }
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - storageAvailableInGB
  - storageUsedInGB
  - storageFreeInGB
  - storageTotalInGB
  - storageVolumeInGB
  - capacityUtilization

	○ dataReduction ○ totalReduction ○ storageSnapshotInGB ○ storageUtilization ○ pureStorageArrayMoid ○ pureStorageArrayMoid ○ tags ○ organizations

3.4.19.3 Bare Metal

3.4.19.3.1 GET Profile Templates Details

Table 247 - API: Get Profile Template Details

Element	Description
API	GetBareMetalProfileTemplate
Description	API Returns BareMetal ProfileTemplates details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/bareMetal/provisioningEndPoints/{endpointId}/profileTemplates*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a

	Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 1,
	"records": [
	{
	"moid": ",
	"name": "BMA_Service_Profile_Template",
	"entityId": "CICOPT-BA289166-3F99-4A2E-8407-5C1A54C29013",
	"objectType": "server. ProfileTemplate",
	"classId": "server. ProfileTemplate",
	"description": "This service profile template is used to configure the standalone C240 server",
	"usage": "3",
	"tags": "",
	"organizations": [
	{
	"name": "default",
	"moid": "5ffd837f6972652d31262cf1"
	}
	]
	}
	]
	}

Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ usage ○ tags

	○ organizations

3.4.19.3.2 GET Profile Templates Based on Organization Moid/Name

Table 248 - API: Get Profile Template Details by Organization Moid/Name

Element	Description
API	GetBareMetalProfileTemplate
Description	API Returns BareMetal ProfileTemplates details based on Organization Moid/Name
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/bareMetal/provisioningEndPoints/{endpointId}/profileTemplates/organizations/{organizationMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationMoId (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	`{`
	`"totalRecords": 1,`
	`"records": [`

```
    {
      "moid": "",
      "name": "BMA_Service_Profile_Template",
      "entityId": "CICOPT-BA289166-3F99-4A2E-8407-
5C1A54C29013",
      "objectType": "server. ProfileTemplate",
      "classId": "server. ProfileTemplate",
      "description": "This service profile template is
used to configure the standalone C240 server",
      "usage": "3",
      "tags": "",
      "organizations": [
        {
          "name": "default",
          "moid": "5ffd837f6972652d31262cf1"
        }
      ]
    }
  ]
}
```


Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ usage ○ tags ○ organizations

3.4.19.3.3 GET SC Utility Distributable Details

Table 249 - API: Get SC Utility Distributable Details

Element	Description
API	GetBareMetalScUtilityDistributable
Description	API Returns BareMetal SC Utility Distributable details

Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/bareMetal/provisioningEndPoints/{endpointId}/scUtilityDistributable*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 3, "records": [{ "moid": "", "name": "SCU 6.1(3c) M5 B200", "entityId": "CICOSCUD-53E22278-0E06-4F28-AE08-22192B9E1A42", "objectType": "firmware.ServerConfigurationUtilityDistributable", "classId": "firmware.ServerConfigurationUtilityDistributable", "description": "",

```
      "vendor": "Cisco",
      "version": "6.1(3c)",
      "fileLocation": "",
      "sourceJson": {
        "ClassId": "softwarerepository. CifsServer",
        "FileLocation": "",
        "IsPasswordSet": true,
        "MountOption": "numberne",
        "ObjectType": "softwarerepository.CifsServer",
        "RemoteFile": "ucs-cxxx-scu-6.1.3c.iso",
        "RemoteIp": "",
        "RemoteShare": "/SoftwareRepo/",
        "Username": "xxxxxx \\xxxxxx "
      },
      "supportedModels": [
        "M5 B200"
      ],
      "tags": "",
      "organizations": [
        {
          "name": "default",
          "moid": "5ffd837f6972652d31262cf1"
        }
      ]
    }
  ]
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - vendor
  - version
  - fileLocation
  - sourceJson

	○ supportedModels ○ tags ○ organizations

3.4.19.3.4 GET SC Utility Distributable Details Based on Organization Moid/Name

Table 250 - API: Get SC Utility Distributable Details

Element	Description
API	GetBareMetalScUtilityDistributable
Description	API Returns BareMetal SC Utility Distributable details by Organization Moid/Name
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/bareMetal/provisioningEndPoints/{endpointId}/scUtilityDistributable/organizations/{organizationMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationMoId (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: {

```
  "totalRecords": 3,
  "records": [
    {
      "moid": "",
      "name": "SCU 6.1(3c) M5 B200",
      "entityId": "CICOSCUD-53E22278-0E06-4F28-AE08-
22192B9E1A42",
      "objectType":
"firmware.ServerConfigurationUtilityDistributable",
      "classId":
"firmware.ServerConfigurationUtilityDistributable",
      "description": "",
      "vendor": "Cisco",
      "version": "6.1(3c)",
      "fileLocation": "",
      "sourceJson": {
        "ClassId": "softwarerepository. CifsServer",
        "FileLocation": "",
        "IsPasswordSet": true,
        "MountOption": "numberne",
        "ObjectType": "softwarerepository. CifsServer",
        "RemoteFile": "ucs-cxxx-scu-6.1.3c.iso",
        "RemoteIp": "",
        "RemoteShare": "/SoftwareRepo/",
        "Username": "xxxxxx \\xxxxxx "
      },
      "supportedModels": [
        "M5 B200"
      ],
      "tags": "",
      "organizations": [
        {
          "name": "default",
          "moid": ""
        }
      ]
    }
  ]
}
```

Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ vendor ○ version ○ fileLocation ○ sourceJson ○ supportedModels ○ tags ○ organizations

3.4.19.3.5 GET Physical Summary Details

Table 251 - API: Get Physical Summary Details

Element	Description
API	GetBareMetalPhysicalSummary
Description	API Returns BareMetal PhysicalSummary details
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/bareMetal/provisioningEndPoints/{endpointId}/physicalSummary*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 12, "records": [{ "moid": "", "name": "VEL-FI-A-1", "entityId": "CICOPS-BB195CB4-9F12-4191-AF1A-F520260D0042", "objectType": "compute. PhysicalSummary", "classId": "compute. PhysicalSummary", "description": "VEL-FI-A-1", "vendor": "Cisco Systems Inc", "serial": "WZP22330FVR", "totalMemory": 393216, "availableMemory": 393216, "firmwareVersion": "4.0(4l)", "cimcipAddress": "xx.xx.xx.xx ", "kvmIpAddressJson": [{ "Address": "xx.xx.xx.xx ", "Category": "ServiceProfile", "ClassId": "compute. IpAddress", "DefaultGateway": "xx.xx.xx.xx ", "Dn": "xxxxxx ", "HttpPort": 80, "HttpsPort": 443, "KvmPort": 2068, "KvmVlan": 0, "Name": "Outband",

```
        "ObjectType": "compute.IpAddress",
        "Subnet": "xxxxxx ",
        "Type": "VnicIpV4ProfDerivedAddr"
      },
      {
        "Address": "xx.xx.xx.xx ",
        "Category": "Equipment",
        "ClassId": "compute.IpAddress",
        "DefaultGateway": "xx.xx.xx.xx ",
        "Dn": "sys/rack-unit-1/mgmt/ipv4-pooled-addr",
        "HttpPort": 80,
        "HttpsPort": 443,
        "KvmPort": 2068,
        "KvmVlan": 0,
        "Name": "Outband",
        "ObjectType": "compute.IpAddress",
        "Subnet": "xx.xx.xx.xx ",
        "Type": "VnicIpV4PooledAddr"
      }
    ],
    "serverIpAddress": "xx.xx.xx.xx, xx.xx.xx.xx ",
    "cpuCores": 28,
    "powerState": "on",
    "tags": [
      {
        "Key": "Intersight.LicenseTier",
        "Value": "Premier"
      },
      {
        "Key": "HX Cluster",
        "Value": "NUMBERICLD-HX"
      }
    ],
    "organizations": [
      {
        "name": "default",
        "moid": "5ffd837f6972652d31262cf1"
      }
    ]
```

	}] }
Response Parameters	• Result: ○ moid ○ name ○ entityId ○ objectType ○ classId ○ description ○ vendor ○ serial ○ totalMemory ○ availableMemory ○ firmwareVersion ○ cimcipAddress ○ kvmIpAddressJson ○ serverIpAddress ○ cpuCores ○ powerState ○ tags ○ organizations

3.4.19.3.6 GET Physical Summary Details Based on Organization Moid/Name

Table 252 - API: Get Physical Summary Details Based on Organization Moid/Name

Element	Description
API	GetBareMetalPhysicalSummary
Description	API Returns BareMetal PhysicalSummary details based on Organization Moid/Name
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/bareMetal/provisioningEndPoints/{endpointId}/physicalSummary/organizations/{organizationMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **organizationMoId (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 12, "records": [{ "moid": "609a3e966176752d325fd495", "name": "VEL-FI-A-1", "entityId": "CICOPS-BB195CB4-9F12-4191-AF1A-F520260D0042", "objectType": "compute.PhysicalSummary", "classId": "compute.PhysicalSummary", "description": "VEL-FI-A-1", "vendor": "Cisco Systems Inc", "serial": "WZP22330FVR", "totalMemory": 393216, "availableMemory": 393216, "firmwareVersion": "4.0(4l)", "cimcipAddress": "xx.xx.xx.xx ", "kvmIpAddressJson": [{

```
          "Address": "xx.xx.xx.xx ",
          "Category": "ServiceProfile",
          "ClassId": "compute.IpAddress",
          "DefaultGateway": "xx.xx.xx.xx ",
          "Dn": "sys/rack-unit-1/mgmt/ipv4-prof-addr",
          "HttpPort": 80,
          "HttpsPort": 443,
          "KvmPort": 2068,
          "KvmVlan": 0,
          "Name": "Outband",
          "ObjectType": "compute.IpAddress",
          "Subnet": "xx.xx.xx.xx ",
          "Type": "VnicIpV4ProfDerivedAddr"
        },
        {
          "Address": "xx.xx.xx.xx ",
          "Category": "Equipment",
          "ClassId": "compute. IpAddress",
          "DefaultGateway": "xx.xx.xx.xx ",
          "Dn": "sys/rack-unit-1/mgmt/ipv4-pooled-addr",
          "HttpPort": 80,
          "HttpsPort": 443,
          "KvmPort": 2068,
          "KvmVlan": 0,
          "Name": "Outband",
          "ObjectType": "compute. IpAddress",
          "Subnet": "xx.xx.xx.xx ",
          "Type": "VnicIpV4PooledAddr"
        }
      ],
      "serverIpAddress": "xx.xx.xx.xx, xx.xx.xx.xx ",
      "cpuCores": 28,
      "powerState": "on",
      "tags": [
        {
          "Key": "Intersight.LicenseTier",
          "Value": "Premier"
        },
        {
```

```
          "Key": "HX Cluster",
          "Value": "NUMBERICLD-HX"
        }
      ],
      "organizations": [
        {
          "name": "default",
          "moid": "5ffd837f6972652d31262cf1"
        }
      ]
    }
  ]
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - vendor
  - serial
  - totalMemory
  - availableMemory
  - firmwareVersion
  - cimcipAddress
  - kvmIpAddressJson
  - serverIpAddress
  - cpuCores
  - powerState
  - tags
  - organizations

3.4.19.3.7 GET Operating System Details

Table 253 - API: Get Operating System Details

Element	Description

API	GetBareMetalOperatingSystem
Description	API Returns BareMetal OperatingSystem details
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/bareMetal/provisioningEndPoints/{endpointId}/operatingSystem*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 4, "records": [{ "moid": "625zzzzzz2d300b6a00", "name": "zzzzz 7.0 U3", "entityId": "CICOOS-zzzzz-1D9C-zzz-A359-01Fzzzzz78288", "objectType": "softwarerepository.OperatingSystemFile",

```
      "classId": "softwarerepository.
OperatingSystemFile",
      "description": "",
      "vendor": "VMware",
      "version": "ESXi 7.0 U3",
      "fileLocation": "",
      "sourceJson": {
        "ClassId": "softwarerepository. CifsServer",
        "FileLocation":
"zzz.zz.zz.zzz/SoftwareRepo/VMware-ESXi-7.0.3-Custom-
Cisco-4.2.1-a.iso",
        "IsPasswordSet": true,
        "MountOption": "numberne",
        "ObjectType": "softwarerepository. CifsServer",
        "RemoteFile": "VMware-ESXi-7.0.3-Custom-Cisco-
4.2.1-a.iso",
        "RemoteIp": "",
        "RemoteShare": "/SoftwarzzzzzeRepo/",
        "Username": "zzzz"
      },
      "tags": "",
      "organizations": [
        {
          "name": "default",
          "moid": "5ffd8zzzzzz2d31262cf1"
        }
      ]
    }
  ]
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - vendor

	○ version ○ fileLocation ○ sourceJson ○ tags ○ organizations

3.4.19.3.8 GET Operating System Details Based on Organization Moid/Name

Table 254 - API: Get Operating System Details

Element	Description
API	GetBareMetalOperatingSystem
Description	API Returns BareMetal OperatingSystem details based on Organization Moid/Name
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/bareMetal/provisioningEndPoints/{endpointId}/operatingSystem/organizations/{organizationMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationMoId (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	`A Sample Response:`

```
{
  "totalRecords": 4,
  "records": [
    {
      "moid": "62567b056567612d300b6a00",
      "name": "ESXi 7.0 U3",
      "entityId": "CICOOS-8F84B371-1D9C-4BE4-A359-
01FD50E78288",
      "objectType":
"softwarerepository.OperatingSystemFile",
      "classId":
"softwarerepository.OperatingSystemFile",
      "description": "",
      "vendor": "VMware",
      "version": "ESXi 7.0 U3",
      "fileLocation": "",
      "sourceJson": {
        "ClassId": "softwarerepository. CifsServer",
        "FileLocation": "",
        "IsPasswordSet": true,
        "MountOption": "numberne",
        "ObjectType": "softwarerepository. CifsServer",
        "RemoteFile": "VMware-ESXi-7.0.3-Custom-Cisco-
4.2.1-a.iso",
        "RemoteIp": "",
        "RemoteShare": "/SoftwareRepo/",
        "Username": ""
      },
      "tags": "",
      "organizations": [
        {
          "name": "default",
          "moid": ""
        }
      ]
    }
  ]
}
```

Response Parameters	• Result:
	  ○ moid
	  ○ name
	  ○ entityId
	  ○ objectType
	  ○ classId
	  ○ description
	  ○ vendor
	  ○ version
	  ○ fileLocation
	  ○ sourceJson
	  ○ tags
	  ○ organizations

3.4.19.3.9 GET Server Profile Details

Table 255 - API: Get Server Profile Details

Element	Description
API	GetBareMetalServerProfile
Description	API Returns BareMetal ServerProfile details
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/bareMetal/provisioningEndPoints/{endpointId}/serverProfiles*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.
	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:
	  ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"
	  ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".
	  ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1"
	  ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "moid=‘ 62cbcfe76f72612d30b8839b‘","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"totalRecords": 3,
	"records": [
	{
	"moid": "62bafad977696e2d319db0e8",
	"name": "BMA_Service_Profile_Template_DERIVED-1",
	"entityId": "CICOSP-F196A285-F2F9-4BE0-9FF7-8873F9B290C1",
	"objectType": "server. Profile",
	"classId": "server.Profile",
	"description": "This service profile template is used to configure the standalone C240 server",
	"assignedServer": "",
	"associatedServer": "",
	"configChangeContext": {
	"ClassId": "policy. ConfigChangeContext",
	"ConfigChangeError": "",
	"ConfigChangeState": "Ok",
	"InitialConfigContext": {
	"ClassId": "policy.ConfigContext",
	"ConfigState": "",
	"ConfigType": "",
	"ControlAction": "",
	"ErrorState": "",
	"ObjectType": "policy.ConfigContext",
	"OperState": ""
	},
	"ObjectType": "policy.ConfigChangeContext"
	},

```
      "configChangeDetails": "",
      "configChanges": {
        "Changes": [],
        "ClassId": "policy.ConfigChange",
        "Disruptions": [],
        "ObjectType": "policy.ConfigChange"
      },
      "configContext": {
        "ClassId": "policy.ConfigContext",
        "ConfigState": "Numbert-assigned",
        "ConfigType": "",
        "ControlAction": "Number-op",
        "ErrorState": "",
        "ObjectType": "policy.ConfigContext",
        "OperState": ""
      },
      "isPmcDeployedSecurePassphraseSet": false,
      "policyBucket": [
        {
          "ClassId": "mo.MoRef",
          "Moid": "",
          "ObjectType": "bios.Policy",
          "link":
"https://www.intersight.com/api/v1/bios/Policies/xxxxxx "
        },
        {
          "ClassId": "mo.MoRef",
          "Moid": "62a7779e6275722d30262d9d",
          "ObjectType": "boot.PrecisionPolicy",
          "link":
"https://www.intersight.com/api/v1/boot/PrecisionPolicies
/xxxxxx "
        },
        {
          "ClassId": "mo.MoRef",
          "Moid": "62a777ef6275722d302633d8",
          "ObjectType": "vmedia.Policy",
```

```
          "link":
"https://www.intersight.com/api/v1/vmedia/Policies/xxxxxx
"
        },
        {
          "ClassId": "mo.MoRef",
          "Moid": "62a77cf3656f6e2d30dc0184",
          "ObjectType": "sdcard.Policy",
          "link":
"https://www.intersight.com/api/v1/sdcard/Policies/xxxxxx
"
        },
        {
          "ClassId": "mo.MoRef",
          "Moid": "62a77d26656f6e2d30dc04bd",
          "ObjectType": "storage.StoragePolicy",
          "link": ""
        },
        {
          "ClassId": "mo.MoRef",
          "Moid": "62a77d82df4288b2673db9ed",
          "ObjectType": "adapter.ConfigPolicy",
          "link": ""
        },
        {
          "ClassId": "mo.MoRef",
          "Moid": "62a77e83df4288b2673dd6c3",
          "ObjectType": "vnic.LanConnectivityPolicy",
          "link": ""
        }
      ],
      "resourceLease": "",
      "runningWorkflows": [],
      "serverAssignmentMode": [],
      "serverPool": "",
      "srcTemplateMoid": "62a776c777696e2d317d5c9c",
      "srcTemplateLink": "",
      "staticUuidAddress": "",
      "targetPlatform": "Standalone",
```

```
      "type": "instance",
      "tags": "",
      "organizations": [
        {
          "name": "default",
          "moid": "5ffd837f6972652d31262cf1"
        }
      ]
    }
  ]
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - assignedServer
  - associatedServer
  - configChangeContext
  - configChangeDetails
  - configChanges
  - configContext
  - isPmcDeployedSecurePassphraseSet
  - policyBucket
  - resourceLease
  - runningWorkflows
  - serverAssignmentMode
  - serverPool
  - srcTemplateMoid
  - srcTemplateLink
  - staticUuidAddress
  - targetPlatform
  - type
  - tags
  - organizations

Table 256 - API: Get Server Profile Details based on Organization Moid/Name

Element	Description
API	GetBareMetalServerProfile
Description	API Returns BareMetal ServerProfile details Based on Organization Moid/Name
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/bareMetal/provisioningEndPoints/{endpointId}/serverProfiles/organizations/{organizationMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationMoId (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 3, "records": [{ "moid": "62bafad977696e2d319db0e8",

```
      "name": "BMA_Service_Profile_Template_DERIVED-1",
      "entityId": "CICOSP-F196A285-F2F9-4BE0-9FF7-
8873F9B290C1",
      "objectType": "server.Profile",
      "classId": "server.Profile",
      "description": "This service profile template is
used to configure the standalone C240 server",
      "assignedServer": "",
      "associatedServer": "",
      "configChangeContext": {
        "ClassId": "policy.ConfigChangeContext",
        "ConfigChangeError": "",
        "ConfigChangeState": "Ok",
        "InitialConfigContext": {
          "ClassId": "policy.ConfigContext",
          "ConfigState": "",
          "ConfigType": "",
          "ControlAction": "",
          "ErrorState": "",
          "ObjectType": "policy. ConfigContext",
          "OperState": ""
        },
        "ObjectType": "policy. ConfigChangeContext"
      },
      "configChangeDetails": "",
      "configChanges": {
        "Changes": [],
        "ClassId": "policy.ConfigChange",
        "Disruptions": [],
        "ObjectType": "policy. ConfigChange"
      },
      "configContext": {
        "ClassId": "policy. ConfigContext",
        "ConfigState": "Numbert-assigned",
        "ConfigType": "",
        "ControlAction": "Number-op",
        "ErrorState": "",
        "ObjectType": "policy. ConfigContext",
        "OperState": ""
```

```
    },
    "isPmcDeployedSecurePassphraseSet": false,
    "policyBucket": [
      {
        "ClassId": "mo.MoRef",
        "Moid": "62a777216275722d30262420",
        "ObjectType": "bios.Policy",
        "link": ""
      },
      {
        "ClassId": "mo.MoRef",
        "Moid": "62a7779e6275722d30262d9d",
        "ObjectType": "boot.PrecisionPolicy",
        "link": ""
      },
      {
        "ClassId": "mo.MoRef",
        "Moid": "62a777ef6275722d302633d8",
        "ObjectType": "vmedia.Policy",
        "link": ""
      },
      {
        "ClassId": "mo.MoRef",
        "Moid": "62a77cf3656f6e2d30dc0184",
        "ObjectType": "sdcard.Policy",
        "link": ""
      },
      {
        "ClassId": "mo.MoRef",
        "Moid": "62a77d26656f6e2d30dc04bd",
        "ObjectType": "storage.StoragePolicy",
        "link": ""
      },
      {
        "ClassId": "mo.MoRef",
        "Moid": "62a77d82df4288b2673db9ed",
        "ObjectType": "adapter.ConfigPolicy",
        "link": ""
      },
```

```
        {
          "ClassId": "mo.MoRef",
          "Moid": "62a77e83df4288b2673dd6c3",
          "ObjectType": "vnic.LanConnectivityPolicy",
          "link": ""
        }
      ],
      "resourceLease": "",
      "runningWorkflows": [],
      "serverAssignmentMode": [],
      "serverPool": "",
      "srcTemplateMoid": "62a776c777696e2d317d5c9c",
      "srcTemplateLink": "",
      "staticUuidAddress": "",
      "targetPlatform": "Standalone",
      "type": "instance",
      "tags": "",
      "organizations": [
        {
          "name": "default",
          "moid": "5ffd837f6972652d31262cf1"
        }
      ]
    }
  ]
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - assignedServer
  - associatedServer
  - configChangeContext
  - configChangeDetails
  - configChanges

	○ configContext ○ isPmcDeployedSecurePassphraseSet ○ policyBucket ○ resourceLease ○ runningWorkflows ○ serverAssignmentMode ○ serverPool ○ srcTemplateMoid ○ srcTemplateLink ○ staticUuidAddress ○ targetPlatform ○ type ○ tags ○ organizations

3.4.19.4 Generic

3.4.19.4.1 GET Workflow Details

Table 257 – API: Get Workflow Details

Element	Description
API	GetCiscoIntersightworkflows
Description	API Returns Cisco Intersight Workflow details
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/provisioningEndPoints/{endpointId}/workflows*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1"

	○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10“ For e.g. {"filter": "moid=‘ 62cbcfe76f72612d30b8839b’",”sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 72,
	"records": [
	{
	"moid": "62ab2a97696f6e2d33686208",
	"name": "ACIBasicTenantConfig",
	"entityId": "CICOWF-312988FD-948F-451A-9C9C-B6626A9E113D",
	"objectType": "workflow.WorkflowDefinition",
	"classId": "workflow.WorkflowDefinition",
	"description": "Creates a Tenant, VRF, BD, AP, 2 EPGs, Contract, Filters",
	"catalogDetail": {
	"ClassId": "mo.MoRef",
	"Moid": "5ffd8383696f6e2d319f2dcb",
	"ObjectType": "workflow.Catalog",
	"link": ""
	},
	"clonedFrom": "",
	"defaultVersion": "true",
	"inputDefinition": [
	{
	"ClassId": "workflow.PrimitiveDataType",
	"Default": {
	"ClassId": "workflow.DefaultValue",
	"IsValueSet": false,
	"ObjectType": "workflow.DefaultValue",
	"Override": false,

```
            "Value": null
          },
          "Description": "Name of the Tenant",
          "DisplayMeta": {
            "ClassId": "workflow.DisplayMeta",
            "InventorySelector": true,
            "ObjectType": "workflow.DisplayMeta",
            "WidgetType": "Numberne"
          },
          "InputParameters": null,
          "Label": "Name",
          "Name": "NAME",
          "ObjectType": "workflow.PrimitiveDataType",
          "Properties": {
            "ClassId": "workflow.PrimitiveDataProperty",
            "Constraints": {
              "ClassId": "workflow.Constraints",
              "EnumList": [],
              "Max": 0,
              "Min": 0,
              "ObjectType": "workflow.Constraints",
              "Regex": "^([A-Za-z0-9_-])+$"
            },
            "InventorySelector": [],
            "ObjectType":
"workflow.PrimitiveDataProperty",
            "Secure": false,
            "Type": "string"
          },
          "Required": true.
        },
        {
          "ArrayItemType": {
            "ClassId": "workflow.PrimitiveArrayItem",
            "ObjectType": "workflow.PrimitiveArrayItem",
            "Properties": {
              "ClassId":
"workflow.PrimitiveDataProperty",
              "Constraints": {
```

```
                "ClassId": "workflow.Constraints",
                "EnumList": [],
                "Max": 0,
                "Min": 0,
                "ObjectType": "workflow.Constraints",
                "Regex": ""
              },
              "InventorySelector": [],
              "ObjectType":
"workflow.PrimitiveDataProperty",
              "Secure": false,
              "Type": "string"
            }
          },
          "ClassId": "workflow.ArrayDataType",
          "Default": {
            "ClassId": "workflow.DefaultValue",
            "IsValueSet": false,
            "ObjectType": "workflow.DefaultValue",
            "Override": false,
            "Value": null
          },
          "Description": "Specify a port for the filter
(Example: 443)",
          "DisplayMeta": {
            "ClassId": "workflow.DisplayMeta",
            "InventorySelector": true,
            "ObjectType": "workflow.DisplayMeta",
            "WidgetType": "Numberne"
          },
          "InputParameters": null,
          "Label": "Port",
          "Max": 99,
          "Min": 1,
          "Name": "PORT",
          "ObjectType": "workflow.ArrayDataType",
          "Required": true.
        },
        {
```

```
          "ClassId": "workflow.PrimitiveDataType",
          "Default": {
            "ClassId": "workflow.DefaultValue",
            "IsValueSet": false,
            "ObjectType": "workflow.DefaultValue",
            "Override": false,
            "Value": null
          },
          "Description": "adress/mask (Example:
zzzz.zz.zz.zz.1/24)",
          "DisplayMeta": {
            "ClassId": "workflow.DisplayMeta",
            "InventorySelector": true,
            "ObjectType": "workflow.DisplayMeta",
            "WidgetType": "Numberne"
          },
          "InputParameters": null,
          "Label": "Gateway IP",
          "Name": "SUBNET",
          "ObjectType": "workflow.PrimitiveDataType",
          "Properties": {
            "ClassId": "workflow.PrimitiveDataProperty",
            "Constraints": {
              "ClassId": "workflow.Constraints",
              "EnumList": [],
              "Max": 0,
              "Min": 0,
              "ObjectType": "workflow.Constraints",
              "Regex": "^(25[0-5]|2[0-4][0-9]|[01]?[0-
9][0-9]?).(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?).(25[0-
5]|2[0-4][0-9]|[01]?[0-9][0-9]?).(25[0-5]|2[0-4][0-
9]|[01]?[0-9][0-9]?)/\\d+$"
            },
            "InventorySelector": [],
            "ObjectType":
"workflow.PrimitiveDataProperty",
            "Secure": false,
            "Type": "string"
          },
```

```
          "Required": true.
        },
        {
          "ClassId": "workflow.TargetDataType",
          "CustomDataTypeProperties": {
            "CatalogMoid": "5c81e342696f6e2d309e5ddd",
            "ClassId": "workflow.CustomDataProperty",
            "CustomDataTypeId": "",
            "CustomDataTypeName": "",
            "ObjectType": "workflow.CustomDataProperty"
          },
          "Default": {
            "ClassId": "workflow.DefaultValue",
            "IsValueSet": false,
            "ObjectType": "workflow.DefaultValue",
            "Override": true,
            "Value": null
          },
          "Description": "The API call can be made to
Intersight or an external endpoint added as Target.
Target should be in claimed or connected state. Please
refer Supported Endpoints section in the Web API request
end user documentation for the list of Intersight Targets
on which Web API task can be invoked. An empty value for
this input indicates that the API call is made to
Intersight.\n",
          "DisplayMeta": {
            "ClassId": "workflow.DisplayMeta",
            "InventorySelector": true,
            "ObjectType": "workflow.DisplayMeta",
            "WidgetType": "Numberne"
          },
          "InputParameters": null,
          "IsArray": false,
          "Label": "External Target",
          "Max": 0,
          "Min": 0,
          "Name": "Target",
          "ObjectType": "workflow.TargetDataType",
```

```
          "Properties": [
            {
              "ClassId": "workflow.TargetProperty",
              "ConnectorAttribute": "",
              "ConstraintAttributes": [],
              "DisplayAttributes": [
                "Name",
                "TargetType"
              ],
              "ObjectType": "workflow.TargetProperty",
              "Selector":
"/api/v1/asset/Targets?$filter=((TargetType eq
HTTPEndpoint and Status eq Claimed) or ((TargetType eq
PureStorageFlashArray or TargetType eq
HitachiVirtualStoragePlatform or TargetType eq
NetAppActiveIqUnifiedManager or TargetType eq
TerraformCloud or TargetType eq VmwareVcenter or
TargetType eq APIC or TargetType eq MDSDevice or
TargetType eq NexusDevice) and Status eq Connected))",
              "SelectorProperty": {
                "Body": null,
                "ClassId": "workflow.SelectorProperty",
                "Method": "GET",
                "ObjectType": "workflow.SelectorProperty"
              },
              "SupportedObjects": [
                "asset. Target"
              ]
            }
          ],
          "Required": true.
        }
      ],
      "inputParameterSet": "",
      "label": "HCL BigFix CLM_ACI_TanentConfiguration",
      "licenseEntitlement": "Premier",
      "maxTaskCount": 12,
      "maxWorkerTaskCount": 11,
      "outputDefinition": "",
```

```
      "outputParameters": "",
      "properties": {
        "ClassId": "workflow.WorkflowProperties",
        "Cloneable": true,
        "EnableDebug": true,
        "ExternalMeta": true,
        "ObjectType": "workflow.WorkflowProperties",
        "Retryable": false,
        "RollbackOnCancel": false,
        "RollbackOnFailure": false,
        "SupportStatus": "Supported"
      },
      "cloneable": 1,
      "enableDebug": 1,
      "externalMeta": 1,
      "retryable": 0,
      "rollbackOnCancel": 0,
      "rollbackOnFailure": 0,
      "supportStatus": "Supported",
      "sharedScope": "",
      "tasks": [
        {
          "ClassId": "workflow.StartTask",
          "Description": "",
          "Label": "",
          "Name": "StartTask",
          "NextTask": "CreateTenant1",
          "ObjectType": "workflow.StartTask"
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Creates a tenant in ACI",
          "InputParameters": {
            "NAME": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Create Tenant",
          "Name": "CreateTenant1",
```

```
      "ObjectType": "workflow.WorkerTask",
      "OnFailure": "",
      "OnSuccess": "CreateVRF1",
      "RollbackDisabled": false,
      "TaskDefinitionId": "62ab2a93696f6e2d3368618f",
      "TaskDefinitionName": "CreateTenant",
      "UseDefault": false,
      "VariableParameters": null,
      "Version": 1
    },
    {
      "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
      "ClassId": "workflow.WorkerTask",
      "Description": "Creates a VRF in ACI",
      "InputParameters": {
        "TENANT": "${workflow.input.NAME}",
        "Target": "${workflow.input.Target}",
        "VRF": "${workflow.input.NAME}"
      },
      "Label": "Create VRF",
      "Name": "CreateVRF1",
      "ObjectType": "workflow.WorkerTask",
      "OnFailure": "",
      "OnSuccess": "CreateBD1",
      "RollbackDisabled": false,
      "TaskDefinitionId": "62ab2a94696f6e2d336861a2",
      "TaskDefinitionName": "CreateVRF",
      "UseDefault": false,
      "VariableParameters": null,
      "Version": 1
    },
    {
      "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
      "ClassId": "workflow.WorkerTask",
      "Description": "Creates a BD in ACI",
      "InputParameters": {
        "BD": "${workflow.input.NAME}",
        "SUBNET": "${workflow.input.SUBNET}",
        "TENANT": "${workflow.input.NAME}",
```

```
            "Target": "${workflow.input.Target}",
            "VRF": "${workflow.input.NAME}"
          },
          "Label": "Create BD",
          "Name": "CreateBD1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "AP1",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a94696f6e2d336861ad",
          "TaskDefinitionName": "CreateBD",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Creates an Application Profile
with 2 EPGs",
          "InputParameters": {
            "NAME": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Create Application Profile in ACI",
          "Name": "AP1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "CreateEPG1",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a94696f6e2d336861b8",
          "TaskDefinitionName": "AP",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
```

```
          "Description": "Create an EPG",
          "InputParameters": {
            "AP": "${workflow.input.NAME}",
            "EPG": "Public-EPG",
            "TENANT": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Create Public-EPG",
          "Name": "CreateEPG1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "CreateEPG2",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a95696f6e2d336861c3",
          "TaskDefinitionName": "CreateEPG",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Create an EPG",
          "InputParameters": {
            "AP": "${workflow.input.NAME}",
            "EPG": "Private-EPG",
            "TENANT": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Create Private-EPG",
          "Name": "CreateEPG2",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "CreateContract1",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a95696f6e2d336861c3",
          "TaskDefinitionName": "CreateEPG",
          "UseDefault": false,
          "VariableParameters": null,
```

```
          "Version": 1
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Creates a contract between
EPGs",
          "InputParameters": {
            "CONTRACT": "Public-to-Private",
            "NAME": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Create Contract",
          "Name": "CreateContract1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "parallelLoop1",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a95696f6e2d336861ce",
          "TaskDefinitionName": "CreateContract",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "ClassId": "workflow.LoopTask",
          "Count":
"{{ len .global.workflow.input.PORT }}",
          "Description": "A Parallel Loop is a control
task that runs one task or one sub-workflow multiple
times based on a specified count.  The count can be a
static value that is specified during design time or a
dynamic value that is derived from workflow inputs or
task outputs.  When the loop is executed, the count 'N'
is determined, N tasks or sub-workflows are scheduled for
execution in parallel.  When all N instances of the task
or sub-workflow reach a final state the parallel loop
will complete and workflow execution will move on to the
next task.  If any one of the tasks or sub-workflows
```

```
fails, then the entire loop will fail.  Dynamic values
for count must be specified as a template.  For example,
if a loop must run for a count which matches the length
of a workflow input called StringArray, then the count
must be specified using a template
'{{ len .global.workflow.input.StringArray }}'.  The
iteration of the loop is available using the keyword
'.iteration' and it can be used to control inputs that
feed into the task.  For example, the task inside the
loop needs to take one value from the workflow input
StringArray, then the task string input can be mapped to
the template
'{{ index .global.workflow.input.StringArray .iteration}}
' during design.",
          "Label": "For each Filter",
          "LoopStartTask": "CreateaFilter2",
          "Name": "parallelLoop1",
          "NumberOfBatches": 1,
          "ObjectType": "workflow.LoopTask",
          "OnSuccess": "parallelLoop2",
          "Parallel": true
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Creates a filter",
          "InputParameters": {
            "NAME": "${workflow.input.NAME}",
            "PORT":
"{{ index .global.workflow.input.PORT .iteration}}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Create a Filter",
          "Name": "CreateaFilter2",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a95696f6e2d336861d9",
```

```
          "TaskDefinitionName": "CreateaFilter",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "ClassId": "workflow.LoopTask",
          "Count":
"{{ len .global.workflow.input.PORT }}",
          "Description": "A Parallel Loop is a control
task that runs one task or one sub-workflow multiple
times based on a specified count.  The count can be a
static value that is specified during design time or a
dynamic value that is derived from workflow inputs or
task outputs.  When the loop is executed, the count 'N'
is determined, N tasks or sub-workflows are scheduled for
execution in parallel.  When all N instances of the task
or sub-workflow reach a final state the parallel loop
will complete and workflow execution will move on to the
next task.  If any one of the tasks or sub-workflows
fails, then the entire loop will fail.  Dynamic values
for count must be specified as a template.  For example,
if a loop must run for a count which matches the length
of a workflow input called StringArray, then the count
must be specified using a template
'{{ len .global.workflow.input.StringArray }}'.  The
iteration of the loop is available using the keyword
'.iteration' and it can be used to control inputs that
feed into the task.  For example, the task inside the
loop needs to take one value from the workflow input
StringArray, then the task string input can be mapped to
the template
'{{ index .global.workflow.input.StringArray .iteration}}
' during design.",
          "Label": "For each Filter assignment",
          "LoopStartTask": "AssignFiltertoContract1",
          "Name": "parallelLoop2",
          "NumberOfBatches": 1,
          "ObjectType": "workflow.LoopTask",
```

```
          "OnSuccess": "AssignConsumerContract1",
          "Parallel": true
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Creates a contract between
EPGs",
          "InputParameters": {
            "AP": "${workflow.input.NAME}",
            "EPG": "Private-EPG",
            "NAME": "Public-to-Private",
            "TENANT": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Assign Provider Contract",
          "Name": "AssignProviderContract1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "SuccessEndTask",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a96696f6e2d336861ec",
          "TaskDefinitionName": "AssignProviderContract",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "ClassId": "workflow.SuccessEndTask",
          "Description": "",
          "Label": "",
          "Name": "SuccessEndTask",
          "ObjectType": "workflow.SuccessEndTask"
        },
        {
          "ClassId": "workflow.FailureEndTask",
          "Description": "",
          "Label": "",
          "Name": "FailureEndTask",
```

```
          "ObjectType": "workflow.FailureEndTask"
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Assign Consumer EPG to
Contract",
          "InputParameters": {
            "AP": "${workflow.input.NAME}",
            "EPG": "Public-EPG",
            "NAME": "Public-to-Private",
            "TENANT": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Assign Consumer Contract",
          "Name": "AssignConsumerContract1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "AssignProviderContract1",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a96696f6e2d336861f8",
          "TaskDefinitionName": "AssignConsumerContract",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "",
          "InputParameters": {
            "FILTER": "Allow-
{{ index .global.workflow.input.PORT .iteration}}",
            "NAME": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Assign Filter to Contract",
          "Name": "AssignFiltertoContract1",
          "ObjectType": "workflow.WorkerTask",
```

```
          "OnFailure": "",
          "OnSuccess": "",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a97696f6e2d33686203",
          "TaskDefinitionName": "AssignFiltertoContract",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        }
      ],
      "uiInputFilters": "",
      "uiRenderingData": {
        "Positions": [
          {
            "Name": "StartTask",
            "X": 193.37934772363099,
            "Y": 77.9168159110187
          },
          {
            "Name": "SuccessEndTask",
            "X": 193.37934772363099,
            "Y": 1356.4168159110188
          },
          {
            "Name": "FailureEndTask",
            "X": 335.3793477236313,
            "Y": 1356.4168159110188
          },
          {
            "Name": "CreateTenant1",
            "X": 108.37934772363076,
            "Y": 149.41681591101863
          },
          {
            "Name": "AP1",
            "X": 108.37934772363076,
            "Y": 413.416815911019
          },
          {
```

```
            "Name": "parallelLoop1",
            "X": 98.37934772363077,
            "Y": 765.416815911019
          },
          {
            "Name": "CreateaFilter2",
            "X": 108.87934772363073,
            "Y": 856.4168159110192
          },
          {
            "Name": "CreateContract1",
            "X": 108.37934772363076,
            "Y": 677.4168159110191
          },
          {
            "Name": "parallelLoop2",
            "X": 98.37934772363077,
            "Y": 972.4168159110191
          },
          {
            "Name": "CreateEPG1",
            "X": 108.37934772363076,
            "Y": 501.4168159110192
          },
          {
            "Name": "CreateEPG2",
            "X": 108.37934772363076,
            "Y": 589.4168159110195
          },
          {
            "Name": "CreateVRF1",
            "X": 108.37934772363076,
            "Y": 237.41681591101855
          },
          {
            "Name": "CreateBD1",
            "X": 108.37934772363076,
            "Y": 325.4168159110186
          },
```

```
          {
            "Name": "AssignProviderContract1",
            "X": 108.37934772363076,
            "Y": 1268.4168159110195
          },
          {
            "Name": "AssignConsumerContract1",
            "X": 108.37934772363076,
            "Y": 1180.4168159110197
          },
          {
            "Name": "AssignFiltertoContract1",
            "X": 108.37934772363073,
            "Y": 1063.4168159110193
          }
        ]
      },
      "variableDefinition": "",
      "version": 1,
      "workflowMetadata": "",
      "tags": [
        {
          "Key": "category",
          "Value": "ACI"
        }
      ],
      "organizations": [
        {
          "name": "default",
          "moid": "5ffd837f6972652d31262cf1"
        }
      ]
    }
  ]
}
```


Response Parameters	• Result:
	  ○ moid
	  ○ name

	○ entityId ○ objectType ○ classId ○ description ○ catalogDetail ○ associatedServer ○ clonedFrom ○ defaultVersion ○ inputDefinition ○ inputParameterSet ○ label ○ licenseEntitlement ○ maxTaskCount ○ maxWorkerTaskCount ○ outputDefinition ○ outputParameters ○ cloneable ○ enableDebug ○ externalMeta ○ retryable ○ rollbackOnCancel ○ rollbackOnFailure ○ supportStatus ○ sharedScope ○ tasks ○ uiInputFilters ○ uiRenderingData ○ variableDefinition ○ version ○ workflowMetadata ○ tags ○ organizations

3.4.19.4.2 GET Workflow Details Based on Organization Moid/Name

Table 258 - API: Get Workflow Details Based on Organization Moid/Name

Element	Description

API	GetCiscoIntersightworkflows
Description	API Returns Cisco Intersight Workflow details based on Organization Moid/Name
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/provisioningEndPoints/{endpointId}/workflows/organizations/{organizationMoid}*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **organizationMoId (Mandatory)**: Organization Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 72, "records": [{ "moid": "62ab2a97696f6e2d33686208", "name": "ACIBasicTenantConfig", "entityId": "CICOWF-312988FD-948F-451A-9C9C-B6626A9E113D", "objectType": "workflow.WorkflowDefinition", "classId": "workflow.WorkflowDefinition",

```
      "description": "Creates a Tenant, VRF, BD, AP, 2
EPGs, Contract, Filters",
      "catalogDetail": {
        "ClassId": "mo.MoRef",
        "Moid": "5ffd8383696f6e2d319f2dcb",
        "ObjectType": "workflow.Catalog",
        "link": ""
      },
      "clonedFrom": "",
      "defaultVersion": "true",
      "inputDefinition": [
        {
          "ClassId": "workflow.PrimitiveDataType",
          "Default": {
            "ClassId": "workflow.DefaultValue",
            "IsValueSet": false,
            "ObjectType": "workflow.DefaultValue",
            "Override": false,
            "Value": null
          },
          "Description": "Name of the Tenant",
          "DisplayMeta": {
            "ClassId": "workflow.DisplayMeta",
            "InventorySelector": true,
            "ObjectType": "workflow.DisplayMeta",
            "WidgetType": "Numberne"
          },
          "InputParameters": null,
          "Label": "Name",
          "Name": "NAME",
          "ObjectType": "workflow.PrimitiveDataType",
          "Properties": {
            "ClassId": "workflow.PrimitiveDataProperty",
            "Constraints": {
              "ClassId": "workflow.Constraints",
              "EnumList": [],
              "Max": 0,
              "Min": 0,
              "ObjectType": "workflow.Constraints",
```

```
              "Regex": "^([A-Za-z0-9_-])+$"
            },
            "InventorySelector": [],
            "ObjectType":
"workflow.PrimitiveDataProperty",
            "Secure": false,
            "Type": "string"
          },
          "Required": true
        },
        {
          "ArrayItemType": {
            "ClassId": "workflow.PrimitiveArrayItem",
            "ObjectType": "workflow.PrimitiveArrayItem",
            "Properties": {
              "ClassId":
"workflow.PrimitiveDataProperty",
              "Constraints": {
                "ClassId": "workflow.Constraints",
                "EnumList": [],
                "Max": 0,
                "Min": 0,
                "ObjectType": "workflow.Constraints",
                "Regex": ""
              },
              "InventorySelector": [],
              "ObjectType":
"workflow.PrimitiveDataProperty",
              "Secure": false,
              "Type": "string"
            }
          },
          "ClassId": "workflow.ArrayDataType",
          "Default": {
            "ClassId": "workflow.DefaultValue",
            "IsValueSet": false,
            "ObjectType": "workflow.DefaultValue",
            "Override": false,
            "Value": null
```

```
          },
          "Description": "Specify a port for the filter
(Example: 443)",
          "DisplayMeta": {
            "ClassId": "workflow.DisplayMeta",
            "InventorySelector": true,
            "ObjectType": "workflow.DisplayMeta",
            "WidgetType": "Numberne"
          },
          "InputParameters": null,
          "Label": "Port",
          "Max": 99,
          "Min": 1,
          "Name": "PORT",
          "ObjectType": "workflow.ArrayDataType",
          "Required": true
        },
        {
          "ClassId": "workflow.PrimitiveDataType",
          "Default": {
            "ClassId": "workflow.DefaultValue",
            "IsValueSet": false,
            "ObjectType": "workflow.DefaultValue",
            "Override": false,
            "Value": null
          },
          "Description": "adress/mask (Example:
10.10.10.1/24)",
          "DisplayMeta": {
            "ClassId": "workflow.DisplayMeta",
            "InventorySelector": true,
            "ObjectType": "workflow.DisplayMeta",
            "WidgetType": "Numberne"
          },
          "InputParameters": null,
          "Label": "Gateway IP",
          "Name": "SUBNET",
          "ObjectType": "workflow.PrimitiveDataType",
          "Properties": {
```

```
            "ClassId": "workflow.PrimitiveDataProperty",
            "Constraints": {
              "ClassId": "workflow.Constraints",
              "EnumList": [],
              "Max": 0,
              "Min": 0,
              "ObjectType": "workflow.Constraints",
              "Regex": "^(25[0-5]|2[0-4][0-9]|[01]?[0-
9][0-9]?).(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?).(25[0-
5]|2[0-4][0-9]|[01]?[0-9][0-9]?).(25[0-5]|2[0-4][0-
9]|[01]?[0-9][0-9]?)/\\d+$"
            },
            "InventorySelector": [],
            "ObjectType":
"workflow.PrimitiveDataProperty",
            "Secure": false,
            "Type": "string"
          },
          "Required": true
        },
        {
          "ClassId": "workflow.TargetDataType",
          "CustomDataTypeProperties": {
            "CatalogMoid": "5c81e342696f6e2d309e5ddd",
            "ClassId": "workflow.CustomDataProperty",
            "CustomDataTypeId": "",
            "CustomDataTypeName": "",
            "ObjectType": "workflow.CustomDataProperty"
          },
          "Default": {
            "ClassId": "workflow.DefaultValue",
            "IsValueSet": false,
            "ObjectType": "workflow.DefaultValue",
            "Override": true,
            "Value": null
          },
          "Description": "The API call can be made to
Intersight or an external endpoint added as Target.
Target should be in claimed or connected state. Please
```

```
refer Supported Endpoints section in the Web API request
end user documentation for the list of Intersight Targets
on which Web API task can be invoked. An empty value for
this input indicates that the API call is made to
Intersight.\n",
          "DisplayMeta": {
            "ClassId": "workflow.DisplayMeta",
            "InventorySelector": true,
            "ObjectType": "workflow.DisplayMeta",
            "WidgetType": "Numberne"
          },
          "InputParameters": null,
          "IsArray": false,
          "Label": "External Target",
          "Max": 0,
          "Min": 0,
          "Name": "Target",
          "ObjectType": "workflow.TargetDataType",
          "Properties": [
            {
              "ClassId": "workflow.TargetProperty",
              "ConnectorAttribute": "",
              "ConstraintAttributes": [],
              "DisplayAttributes": [
                "Name",
                "TargetType"
              ],
              "ObjectType": "workflow.TargetProperty",
              "Selector":
"/api/v1/asset/Targets?$filter=((TargetType eq
HTTPEndpoint and Status eq Claimed) or ((TargetType eq
PureStorageFlashArray or TargetType eq
HitachiVirtualStoragePlatform or TargetType eq
NetAppActiveIqUnifiedManager or TargetType eq
TerraformCloud or TargetType eq VmwareVcenter or
TargetType eq APIC or TargetType eq MDSDevice or
TargetType eq NexusDevice) and Status eq Connected))",
              "SelectorProperty": {
                "Body": null,
```

```
              "ClassId": "workflow.SelectorProperty",
              "Method": "GET",
              "ObjectType": "workflow.SelectorProperty"
            },
            "SupportedObjects": [
              "asset.Target"
            ]
          }
        ],
        "Required": true
      }
    ],
    "inputParameterSet": "",
    "label": "_ACI_TanentConfiguration",
    "licenseEntitlement": "Premier",
    "maxTaskCount": 12,
    "maxWorkerTaskCount": 11,
    "outputDefinition": "",
    "outputParameters": "",
    "properties": {
      "ClassId": "workflow.WorkflowProperties",
      "Cloneable": true,
      "EnableDebug": true,
      "ExternalMeta": true,
      "ObjectType": "workflow.WorkflowProperties",
      "Retryable": false,
      "RollbackOnCancel": false,
      "RollbackOnFailure": false,
      "SupportStatus": "Supported"
    },
    "cloneable": 1,
    "enableDebug": 1,
    "externalMeta": 1,
    "retryable": 0,
    "rollbackOnCancel": 0,
    "rollbackOnFailure": 0,
    "supportStatus": "Supported",
    "sharedScope": "",
    "tasks": [
```

```
        {
          "ClassId": "workflow.StartTask",
          "Description": "",
          "Label": "",
          "Name": "StartTask",
          "NextTask": "CreateTenant1",
          "ObjectType": "workflow.StartTask"
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Creates a tenant in ACI",
          "InputParameters": {
            "NAME": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Create Tenant",
          "Name": "CreateTenant1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "CreateVRF1",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a93696f6e2d3368618f",
          "TaskDefinitionName": "CreateTenant",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Creates a VRF in ACI",
          "InputParameters": {
            "TENANT": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}",
            "VRF": "${workflow.input.NAME}"
          },
          "Label": "Create VRF",
          "Name": "CreateVRF1",
```

```
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "CreateBD1",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a94696f6e2d336861a2",
          "TaskDefinitionName": "CreateVRF",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Creates a BD in ACI",
          "InputParameters": {
            "BD": "${workflow.input.NAME}",
            "SUBNET": "${workflow.input.SUBNET}",
            "TENANT": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}",
            "VRF": "${workflow.input.NAME}"
          },
          "Label": "Create BD",
          "Name": "CreateBD1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "AP1",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a94696f6e2d336861ad",
          "TaskDefinitionName": "CreateBD",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Creates an Application Profile
with 2 EPGs",
          "InputParameters": {
```

```
            "NAME": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Create Application Profile in ACI",
          "Name": "AP1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "CreateEPG1",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a94696f6e2d336861b8",
          "TaskDefinitionName": "AP",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Create an EPG",
          "InputParameters": {
            "AP": "${workflow.input.NAME}",
            "EPG": "Public-EPG",
            "TENANT": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Create Public-EPG",
          "Name": "CreateEPG1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "CreateEPG2",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a95696f6e2d336861c3",
          "TaskDefinitionName": "CreateEPG",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
```

```
          "ClassId": "workflow.WorkerTask",
          "Description": "Create an EPG",
          "InputParameters": {
            "AP": "${workflow.input.NAME}",
            "EPG": "Private-EPG",
            "TENANT": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Create Private-EPG",
          "Name": "CreateEPG2",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "CreateContract1",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a95696f6e2d336861c3",
          "TaskDefinitionName": "CreateEPG",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Creates a contract between
EPGs",
          "InputParameters": {
            "CONTRACT": "Public-to-Private",
            "NAME": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Create Contract",
          "Name": "CreateContract1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "parallelLoop1",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a95696f6e2d336861ce",
          "TaskDefinitionName": "CreateContract",
          "UseDefault": false,
```

```
          "VariableParameters": null,
          "Version": 1
        },
        {
          "ClassId": "workflow.LoopTask",
          "Count":
"{{len .global.workflow.input.PORT }}",
          "Description": "A Parallel Loop is a control
task that runs one task, or one sub-workflow multiple
times based on a specified count.  The count can be a
static value that is specified during design time or a
dynamic value that is derived from workflow inputs or
task outputs.  When the loop is executed, the count 'N'
is determined, N tasks or sub-workflows are scheduled for
execution in parallel.  When all N instances of the task
or sub-workflow reach a final state, the parallel loop
will complete and workflow execution will move on to the
next task.  If any one of the tasks or sub-workflows
fails, then the entire loop will fail.  Dynamic values
for count must be specified as a template.  For example,
if a loop must run for a count which matches the length
of a workflow input called StringArray, then the count
must be specified using a template
'{{len .global.workflow.input.StringArray }}'.  The
iteration of the loop is available using the keyword '.
iteration' and it can be used to control inputs that feed
into the task.  For example, the task inside the loop
needs to take one value from the workflow input
StringArray, then the task string input can be mapped to
the template
'{{index .global.workflow.input.StringArray .iteration}}'
during design.",
          "Label": "For each Filter",
          "LoopStartTask": "CreateaFilter2",
          "Name": "parallelLoop1",
          "NumberOfBatches": 1,
          "ObjectType": "workflow.LoopTask",
          "OnSuccess": "parallelLoop2",
          "Parallel": true
```

```
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Creates a filter",
          "InputParameters": {
            "NAME": "${workflow.input.NAME}",
            "PORT":
"{{index .global.workflow.input.PORT .iteration}}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Create a Filter",
          "Name": "CreateaFilter2",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a95696f6e2d336861d9",
          "TaskDefinitionName": "CreateaFilter",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "ClassId": "workflow.LoopTask",
          "Count":
"{{len .global.workflow.input.PORT }}",
          "Description": "A Parallel Loop is a control
task that runs one task, or one sub-workflow multiple
times based on a specified count.  The count can be a
static value that is specified during design time or a
dynamic value that is derived from workflow inputs or
task outputs.  When the loop is executed, the count 'N'
is determined, N tasks or sub-workflows are scheduled for
execution in parallel.  When all N instances of the task
or sub-workflow reach a final state, the parallel loop
will complete and workflow execution will move on to the
next task.  If any one of the tasks or sub-workflows
fails, then the entire loop will fail.  Dynamic values
```

```
for count must be specified as a template.  For example,
if a loop must run for a count which matches the length
of a workflow input called StringArray, then the count
must be specified using a template
'{{len .global.workflow.input.StringArray }}'.  The
iteration of the loop is available using the keyword '.
iteration' and it can be used to control inputs that feed
into the task.  For example, the task inside the loop
needs to take one value from the workflow input
StringArray, then the task string input can be mapped to
the template
'{{index .global.workflow.input.StringArray .iteration}}'
during design.",
          "Label": "For each Filter assignment",
          "LoopStartTask": "AssignFiltertoContract1",
          "Name": "parallelLoop2",
          "NumberOfBatches": 1,
          "ObjectType": "workflow.LoopTask",
          "OnSuccess": "AssignConsumerContract1",
          "Parallel": true
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Creates a contract between
EPGs",
          "InputParameters": {
            "AP": "${workflow.input.NAME}",
            "EPG": "Private-EPG",
            "NAME": "Public-to-Private",
            "TENANT": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Assign Provider Contract",
          "Name": "AssignProviderContract1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "SuccessEndTask",
          "RollbackDisabled": false,
```

```
          "TaskDefinitionId": "62ab2a96696f6e2d336861ec",
          "TaskDefinitionName": "AssignProviderContract",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "ClassId": "workflow.SuccessEndTask",
          "Description": "",
          "Label": "",
          "Name": "SuccessEndTask",
          "ObjectType": "workflow.SuccessEndTask"
        },
        {
          "ClassId": "workflow.FailureEndTask",
          "Description": "",
          "Label": "",
          "Name": "FailureEndTask",
          "ObjectType": "workflow.FailureEndTask"
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "Assign Consumer EPG to
Contract",
          "InputParameters": {
            "AP": "${workflow.input.NAME}",
            "EPG": "Public-EPG",
            "NAME": "Public-to-Private",
            "TENANT": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Assign Consumer Contract",
          "Name": "AssignConsumerContract1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "AssignProviderContract1",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a96696f6e2d336861f8",
```

```
          "TaskDefinitionName": "AssignConsumerContract",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        },
        {
          "CatalogMoid": "5ffd8383696f6e2d319f2dcb",
          "ClassId": "workflow.WorkerTask",
          "Description": "",
          "InputParameters": {
            "FILTER": "Allow-
{{ index .global.workflow.input.PORT .iteration}}",
            "NAME": "${workflow.input.NAME}",
            "Target": "${workflow.input.Target}"
          },
          "Label": "Assign Filter to Contract",
          "Name": "AssignFiltertoContract1",
          "ObjectType": "workflow.WorkerTask",
          "OnFailure": "",
          "OnSuccess": "",
          "RollbackDisabled": false,
          "TaskDefinitionId": "62ab2a97696f6e2d33686203",
          "TaskDefinitionName": "AssignFiltertoContract",
          "UseDefault": false,
          "VariableParameters": null,
          "Version": 1
        }
      ],
      "uiInputFilters": "",
      "uiRenderingData": {
        "Positions": [
          {
            "Name": "StartTask",
            "X": 193.37934772363099,
            "Y": 77.9168159110187
          },
          {
            "Name": "SuccessEndTask",
            "X": 193.37934772363099,
```

```
            "Y": 1356.4168159110188
          },
          {
            "Name": "FailureEndTask",
            "X": 335.3793477236313,
            "Y": 1356.4168159110188
          },
          {
            "Name": "CreateTenant1",
            "X": 108.37934772363076,
            "Y": 149.41681591101863
          },
          {
            "Name": "AP1",
            "X": 108.37934772363076,
            "Y": 413.416815911019
          },
          {
            "Name": "parallelLoop1",
            "X": 98.37934772363077,
            "Y": 765.416815911019
          },
          {
            "Name": "CreateaFilter2",
            "X": 108.87934772363073,
            "Y": 856.4168159110192
          },
          {
            "Name": "CreateContract1",
            "X": 108.37934772363076,
            "Y": 677.4168159110191
          },
          {
            "Name": "parallelLoop2",
            "X": 98.37934772363077,
            "Y": 972.4168159110191
          },
          {
            "Name": "CreateEPG1",
```

```
            "X": 108.37934772363076,
            "Y": 501.4168159110192
          },
          {
            "Name": "CreateEPG2",
            "X": 108.37934772363076,
            "Y": 589.4168159110195
          },
          {
            "Name": "CreateVRF1",
            "X": 108.37934772363076,
            "Y": 237.41681591101855
          },
          {
            "Name": "CreateBD1",
            "X": 108.37934772363076,
            "Y": 325.4168159110186
          },
          {
            "Name": "AssignProviderContract1",
            "X": 108.37934772363076,
            "Y": 1268.4168159110195
          },
          {
            "Name": "AssignConsumerContract1",
            "X": 108.37934772363076,
            "Y": 1180.4168159110197
          },
          {
            "Name": "AssignFiltertoContract1",
            "X": 108.37934772363073,
            "Y": 1063.4168159110193
          }
        ]
      },
      "variableDefinition": "",
      "version": 1,
      "workflowMetadata": "",
      "tags": [
```

```
        {
          "Key": "category",
          "Value": "ACI"
        }
      ],
      "organizations": [
        {
          "name": "default",
          "moid": "5ffd837f6972652d31262cf1"
        }
      ]
    }
  ]
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - description
  - catalogDetail
  - associatedServer
  - clonedFrom
  - defaultVersion
  - inputDefinition
  - inputParameterSet
  - label
  - licenseEntitlement
  - maxTaskCount
  - maxWorkerTaskCount
  - outputDefinition
  - outputParameters
  - cloneable
  - enableDebug
  - externalMeta
  - retryable
  - rollbackOnCancel

	○ rollbackOnFailure ○ supportStatus ○ sharedScope ○ tasks ○ uiInputFilters ○ uiRenderingData ○ variableDefinition ○ version ○ workflowMetadata ○ tags ○ organizations

3.4.19.4.3 GET Device Registration Details

Table 259 - API: Get Device Registration Details

Element	Description
API	GetCiscoIntersightDeviceRegistration
Description	API Returns Cisco Intersight Device Registration details
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/provisioningEndPoints/{endpointId}/deviceRegistrations*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "moid=' 62cbcfe76f72612d30b8839b'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a

Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description.

- **Content-type**: application/json

Response

A Sample Response:


```
{
  "totalRecords": 12,
  "records": [
    {
      "moid": "605035bc6f72612d33537a7b",
      "entityId": "CICODR-A036C2C8-2CCB-4FD9-BB11-
37F55E80A37B",
      "objectType": "asset.DeviceRegistration",
      "classId": "asset.DeviceRegistration",
      "claimedByUser": {
        "ClassId": "mo.MoRef",
        "Moid": "5ffd837d7564612d33a921ad",
        "ObjectType": "iam.User",
        "link":
"https://www.intersight.com/api/v1/iam/Users/xxxxxx "
      },
      "claimedByUserName": "sharma_viveks@hcl.com",
      "clusterMembers": [
        {
          "ClassId": "mo.MoRef",
          "Moid": "605035bc6f72612d33537a81",
          "ObjectType": "asset.ClusterMember",
          "link":
"https://www.intersight.com/api/v1/asset/ClusterMembers/x
xxxxx "
        },
        {
          "ClassId": "mo.MoRef",
          "Moid": "605035bc6f72612d33537a82",
          "ObjectType": "asset.ClusterMember",
          "link": ""
        },
        {
```

```
        "ClassId": "mo.MoRef",
        "Moid": "605035bc6f72612d33537a83",
        "ObjectType": "asset.ClusterMember",
        "link": ""
      },
      {
        "ClassId": "mo.MoRef",
        "Moid": "605035bc6f72612d33537a84",
        "ObjectType": "asset.ClusterMember",
        "link": ""
      }
    ],
    "connectionReason": "",
    "connectionStatus": "Connected",
    "deviceClaim": {
      "ClassId": "mo.MoRef",
      "Moid": "605035bc6f72612d33537a69",
      "ObjectType": "asset.DeviceClaim",
      "link": ""
    },
    "deviceConfiguration": {
      "ClassId": "mo.MoRef",
      "Moid": "605035bc6f72612d33537a7c",
      "ObjectType": "asset.DeviceConfiguration",
      "link": ""
    },
    "deviceHostname": [
      "NUMBERICLD-HX"
    ],
    "deviceExternalIpAddress": [
      "xx.xx.xx.xx "
    ],
    "deviceIpAddress": [
      "xx.xx.xx.xx "
    ],
    "pid": [
      ""
    ],
    "platformType": "HX",
```

```
      "vendor": " HyperFlex StorageController 3.0.1i",
      "device": "",
      "tags": "",
      "organizations": [
        {
          "name": "default",
          "moid": "5ffd837f6972652d31262cf1"
        }
      ]
    }
  ]
}
```


Response Parameters

- Result:
  - moid
  - name
  - entityId
  - objectType
  - classId
  - claimedByUser
  - claimedByUserName
  - clusterMembers
  - connectionReason
  - connectionStatus
  - deviceClaim
  - deviceConfiguration
  - deviceHostname
  - deviceExternalIpAddress
  - deviceIpAddress
  - pid
  - platformType
  - vendor
  - device
  - externalMeta
  - tags
  - organizations

3.4.19.5.1 GET Cisco Intersight ACI Tenants Based on Targetmoid

Table 247 - API: Get Cisco Intersight ACI Tenants based on Targetmoid

Element	Description
API	GetCiscoIntersightAciTenants
Description	API Returns Cisco Intersight ACI Tenants based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/tenants*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='common'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 15,`
	`"records": [`
	`{`

```
      "entityId": "ACITEN-C07BBAE4-505E-4FB6-A3A7-
D0B4ABFD8357",
      "name": "common",
      "description": "",
      "nameAlias": "",
      "dn": "uni/tn-common",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACITEN-59407808-2AAF-4BEA-B4E3-
7EE448D7032A",
      "name": "TN01",
      "description": "",
      "nameAlias": "",
      "dn": "uni/tn-TN01",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACITEN-5D1FD86F-3512-47EB-92D6-
2DE85FE65233",
      "name": "VEL_STG",
      "description": "Created by UCSD",
      "nameAlias": "",
      "dn": "uni/tn-VEL_STG",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
```

```
      "entityId": "ACITEN-0389EC03-01A6-41A4-AA04-
199CC420511C",
      "name": "DC-1",
      "description": "",
      "nameAlias": "",
      "dn": "uni/tn-DC-1",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACITEN-CEA9FBD1-F60B-49E7-BAA5-
CDA73D34F227",
      "name": "mgmt",
      "description": "",
      "nameAlias": "",
      "dn": "uni/tn-mgmt",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACITEN-7D09F82C-D9FD-4AC3-9102-
0721C2B39C73",
      "name": "SD_Access",
      "description": "",
      "nameAlias": "",
      "dn": "uni/tn-SD_Access",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
```

```
      "entityId": "ACITEN-860598F0-BC82-4A08-AB0F-
58BB123DAB11",
      "name": "infra",
      "description": "",
      "nameAlias": "",
      "dn": "uni/tn-infra",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACITEN-539B0AFD-88E4-4833-B5DB-
338C292636F3",
      "name": "Tenant-01",
      "description": "Tenant used for testing ",
      "nameAlias": "Tenant-01",
      "dn": "uni/tn-Tenant-01",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACITEN-39B08428-9DDC-49EE-99FA-
D3722F6511BC",
      "name": "TN-02",
      "description": "",
      "nameAlias": "",
      "dn": "uni/tn-TN-02",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
```

```
      "entityId": "ACITEN-E48D38E4-82B3-4A93-8131-
468701A6FC78",
      "name": "VEL_PRD",
      "description": "Created by UCSD",
      "nameAlias": "",
      "dn": "uni/tn-VEL_PRD",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACITEN-0C73934E-A6C8-45BE-B1AC-
3DC892A37728",
      "name": "velocitykube",
      "description": "",
      "nameAlias": "",
      "dn": "uni/tn-velocitykube",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACITEN-9211D3D6-1FD5-4C66-97F9-
37CA787043F6",
      "name": "ACIOBJECTS",
      "description": "",
      "nameAlias": "",
      "dn": "uni/tn-ACIOBJECTS",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
```

```
      "entityId": "ACITEN-B02C237B-2F69-4BA7-9245-
80D09D7AFF04",
      "name": "Test-Tenant",
      "description": "",
      "nameAlias": "",
      "dn": "uni/tn-Test-Tenant",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACITEN-FC3F11A3-CFEB-46A1-A830-
2D80709B917C",
      "name": "TN-03",
      "description": "",
      "nameAlias": "",
      "dn": "uni/tn-TN-03",
      "monPolicy": "uni/tn-common/monepg-Monitoring-
Policy-1",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACITEN-01FF9318-0905-44D2-AE54-
52E269C3DDD9",
      "name": "VEL_DEV",
      "description": "Created by UCSD",
      "nameAlias": "",
      "dn": "uni/tn-VEL_DEV",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    }
```

	<pre>]
	}</pre>

Response Parameters	• Result: ○ entityId ○ name ○ description ○ nameAlias ○ dn ○ monPolicy ○ target ○ name ○ moid

3.4.19.5.2 GET Cisco Intersight ACI Vrfs Based on Targetmoid

Table 260 – API: Get Cisco Intersight ACI Vrfs based on targetMoid

Element	Description
API	GetCiscoIntersightAciVrfs
Description	API Returns Cisco Intersight ACI Vrfs based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/vrfs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "pcTag='32770'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response:


```
{
  "totalRecords": 20,
  "records": [
    {
      "entityId": "ACIVRF-CA89B650-EA8A-4D4A-8646-
A3CCD652E3A9",
      "name": "test",
      "description": "",
      "tenantName": "ACIOBJECTS",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2392065",
      "seg": "2392065",
      "pcTag": "32770",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-3F1E2C23-E927-4B7C-8227-
25338A0103EE",
      "name": "copy",
      "description": "",
      "tenantName": "common",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
```

```
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2621440",
      "seg": "2621440",
      "pcTag": "49153",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-464B3270-733D-403F-B3CE-
78751001F1A2",
      "name": "core-sdwan-vrf",
      "description": "",
      "tenantName": "common",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2293762",
      "seg": "2293762",
      "pcTag": "16386",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-ACF383B3-18A9-4406-8151-
E0A645BE7F33",
      "name": "default",
      "description": "",
      "tenantName": "common",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
```

```
      "pcEnfPref": "enforced",
      "scope": "2555904",
      "seg": "2555904",
      "pcTag": "32770",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-DB3AFAC4-6CCB-4288-8D9F-
BCF61CB7F115",
      "name": "test-shared-vrf",
      "description": "",
      "tenantName": "common",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2916355",
      "seg": "2916355",
      "pcTag": "49153",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-A4071091-BD4A-4743-BF22-
24098008B265",
      "name": "Vsphere-Beta-Test",
      "description": "",
      "tenantName": "common",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
```

```
      "scope": "2457601",
      "seg": "2457601",
      "pcTag": "16386",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-192388B0-D5C5-46AA-852B-
1AE68E38B898",
      "name": "VRF-DC",
      "description": "",
      "tenantName": "DC-1",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2916352",
      "seg": "2916352",
      "pcTag": "32770",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-8707A3B4-FAED-486B-B3A1-
4A6D0096188A",
      "name": "ave-ctrl",
      "description": "",
      "tenantName": "infra",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2785281",
```

```
      "seg": "2785281",
      "pcTag": "32770",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-F54C22F8-E4CC-4F2F-BE15-
E52CD964F57A",
      "name": "overlay-1",
      "description": "",
      "tenantName": "infra",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "16777199",
      "seg": "16777199",
      "pcTag": "49153",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-8BAA7A04-1CFB-47E8-BF56-
30EF97AD20C3",
      "name": "inb",
      "description": "",
      "tenantName": "mgmt",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2555905",
      "seg": "2555905",
```

```
      "pcTag": "32770",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-8132E093-1724-4D0F-8B8C-
1B4B862CE029",
      "name": "oob",
      "description": "",
      "tenantName": "mgmt",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2359296",
      "seg": "2359296",
      "pcTag": "49153",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-4C284643-8443-45CE-873F-
67958241DA02",
      "name": "gstest",
      "description": "",
      "tenantName": "SD_Access",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "3080192",
      "seg": "3080192",
      "pcTag": "49153",
```

```
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-90435989-47C0-4A04-86F2-
644B437F476B",
      "name": "myshared",
      "description": "",
      "tenantName": "SD_Access",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2752512",
      "seg": "2752512",
      "pcTag": "32770",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-257EEC37-D7B0-42CB-805F-
8EED53FE60F1",
      "name": "SDA",
      "description": "",
      "tenantName": "SD_Access",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "unenforced",
      "scope": "2785282",
      "seg": "2785282",
      "pcTag": "49153",
      "target": {
```

```
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-0D2E8170-5984-409A-B46C-
15D0CE00095F",
      "name": "Test-VRF",
      "description": "",
      "tenantName": "Test-Tenant",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "unenforced",
      "scope": "3014657",
      "seg": "3014657",
      "pcTag": "32770",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-6FEEA01B-8FDD-40CE-8BA9-
982A31928FCF",
      "name": "VEL_DEV",
      "description": "",
      "tenantName": "VEL_DEV",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2588672",
      "seg": "2588672",
      "pcTag": "49153",
      "target": {
        "name": "NUMBERICLDAPIC01",
```

```
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-32EF6139-2858-4789-B779-
38F2910365FE",
      "name": "test",
      "description": "",
      "tenantName": "VEL_PRD",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2392064",
      "seg": "2392064",
      "pcTag": "32770",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-1C0BB148-069A-4DDA-A832-
69D062EAF3A8",
      "name": "VEL_PRD",
      "description": "",
      "tenantName": "VEL_PRD",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2916353",
      "seg": "2916353",
      "pcTag": "49153",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
```

```
      }
    },
    {
      "entityId": "ACIVRF-B149B8A9-39C7-4E1D-A5AC-
2FBB6765E7C9",
      "name": "VRF_Test",
      "description": "",
      "tenantName": "VEL_PRD",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2883585",
      "seg": "2883585",
      "pcTag": "16386",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-AAF9D7D3-6D8A-4801-9CCB-
BF67C8AC1D16",
      "name": "VEL_STG",
      "description": "",
      "tenantName": "VEL_STG",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2490368",
      "seg": "2490368",
      "pcTag": "32770",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
```

	<pre>}
	]
	}</pre>

Response Parameters	• Result: ○ entityId ○ name ○ description ○ tenantName ○ nameAlias ○ ipDataPlaneLearning ○ bdEnforcedEnable ○ pcEnPref ○ scope ○ seg ○ pcTag ○ target ○ name ○ moid

3.4.19.5.3 GET Cisco Intersight ACI Vrfs Based on Targetmoid And Tenantname

Table 261 - API: Get Cisco Intersight ACI Vrfs based on targetMoid and tenantName

Element	Description
API	GetCiscoIntersightAciVrfs
Description	API Returns Cisco Intersight ACI Vrfs based on targetMoid and tenantName
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/tenants/{tenantName}/vrfs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **tenantName (Mandatory):** Tenant Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:

	○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "pcEnfPref='enforced'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 3,
	"records": [
	{
	"entityId": "ACIVRF-4C284643-8443-45CE-873F-67958241DA02",
	"name": "gstest",
	"description": "",
	"tenantName": "SD_Access",
	"nameAlias": "",
	"ipDataPlaneLearning": "enabled",
	"bdEnforcedEnable": "number",
	"pcEnfDir": "ingress",
	"pcEnfPref": "enforced",
	"scope": "3080192",
	"seg": "3080192",
	"pcTag": "49153",
	"target": {
	"name": "NUMBERICLDAPIC01",
	"moid": "636bee1b6f72612d38cc6086"
	}
	},
	{

```
      "entityId": "ACIVRF-90435989-47C0-4A04-86F2-
644B437F476B",
      "name": "myshared",
      "description": "",
      "tenantName": "SD_Access",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "enforced",
      "scope": "2752512",
      "seg": "2752512",
      "pcTag": "32770",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVRF-257EEC37-D7B0-42CB-805F-
8EED53FE60F1",
      "name": "SDA",
      "description": "",
      "tenantName": "SD_Access",
      "nameAlias": "",
      "ipDataPlaneLearning": "enabled",
      "bdEnforcedEnable": "number",
      "pcEnfDir": "ingress",
      "pcEnfPref": "unenforced",
      "scope": "2785282",
      "seg": "2785282",
      "pcTag": "49153",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    }
  ]
}
```

Response Parameters	• Result:
	  ○ entityId
	  ○ name
	  ○ description
	  ○ tenantName
	  ○ nameAlias
	  ○ ipDataPlaneLearning
	  ○ bdEnforcedEnable
	  ○ pcEnPref
	  ○ scope
	  ○ seg
	  ○ pcTag
	  ○ target
	  ○ name
	  ○ moid

3.4.19.5.4 GET Cisco Intersight ACI BridgeDomains Based on Targetmoid

Table 262 - API: Get Cisco Intersight ACI BridgeDomains based on targetMoid

Element	Description
API	GetCiscoIntersightAciBridgeDomains
Description	API Returns Cisco Intersight ACI BridgeDomains based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/bds*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.
	• **targetMoid (Mandatory):** Targets Moid/Name.
	  • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:
	  ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"
	  ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".

	○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "tenantName ='common'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 65,
	"records": [
	{
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      "unkMcastAct": "flood",
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      "mac": "mac id xx",
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      "seg": "15925207",
      "pcTag": "32775",
      "ipLearning": "yes",
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      "pcTag": "16396",
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      "alias": "",
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      "unicastRoute": "yes",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
      "mac": "mac id xx",
      "scope": "2555904",
      "seg": "16547722",
      "pcTag": "32771",
      "ipLearning": "yes",
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      "pcTag": "32774",
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      "v6unkMcastAct": "flood",
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      "scope": "2555904",
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      "pcTag": "16402",
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      "v6unkMcastAct": "flood",
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      "pcTag": "32819",
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      "v6unkMcastAct": "flood",
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      "pcTag": "49185",
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      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
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      "scope": "2555904",
      "seg": "15466407",
      "pcTag": "49187",
      "ipLearning": "yes",
      "limitIpLearnToSubnets": "yes",
      "target": {
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      "unicastRoute": "yes",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
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      "pcTag": "16411",
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      "description": "",
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      "alias": "",
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      "unkMacUcastAct": "proxy",
      "unicastRoute": "yes",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
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      "seg": "16580493",
      "pcTag": "16395",
      "ipLearning": "yes",
      "limitIpLearnToSubnets": "yes",
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      "alias": "",
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      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
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      "mac": "mac id xx",
      "scope": "2555904",
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      "pcTag": "49153",
      "ipLearning": "yes",
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      "seg": "16547729",
      "pcTag": "32770",
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      "limitIpLearnToSubnets": "yes",
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      "name": "test-shared-bd2",
      "description": "",
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      "alias": "",
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      "unicastRoute": "yes",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
      "mac": "mac id xx",
      "scope": "2916355",
      "seg": "16056268",
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      "limitIpLearnToSubnets": "yes",
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      "name": "velocitykube_bd_kubernetes-service",
      "description": "",
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      "alias": "",
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      "unicastRoute": "yes",
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      "v6unkMcastAct": "flood",
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      "mac": "00:22:BD: F8:19:FF",
      "scope": "2555904",
      "seg": "15269819",
      "pcTag": "32797",
      "ipLearning": "number",
      "limitIpLearnToSubnets": "yes",
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      "pcTag": "16406",
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      "alias": "",
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      "unicastRoute": "number",
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      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
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      "v6unkMcastAct": "flood",
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      "pcTag": "32784",
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      "v6unkMcastAct": "flood",
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      "multiDstPktAct": "bd-flood",
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      "pcTag": "32771",
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      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIBD-2AB3C9A5-154B-450B-B53B-
903F87182518",
      "name": "BD-TEST-UCSD-SS",
      "description": "",
      "tenantName": "VEL_PRD",
      "alias": "",
      "type": "regular",
      "unkMacUcastAct": "proxy",
      "unicastRoute": "yes",
```

```
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
      "mac": "mac id xx",
      "scope": "2916353",
      "seg": "16514963",
      "pcTag": "32774",
      "ipLearning": "yes",
      "limitIpLearnToSubnets": "yes",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIBD-7F9195A1-1AEA-461C-A56D-
D827C6CCADCA",
      "name": "BD-TEST-UCSD-SS-02",
      "description": "",
      "tenantName": "VEL_PRD",
      "alias": "",
      "type": "regular",
      "unkMacUcastAct": "proxy",
      "unicastRoute": "yes",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
      "mac": "mac id xx",
      "scope": "2916353",
      "seg": "16514964",
      "pcTag": "32775",
      "ipLearning": "yes",
      "limitIpLearnToSubnets": "yes",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
```

```
    },
    {
      "entityId": "ACIBD-A05C2E94-8548-488B-B608-
A7C44AB9E1AA",
      "name": "service-bd-avi-prd",
      "description": "",
      "tenantName": "VEL_PRD",
      "alias": "",
      "type": "regular",
      "unkMacUcastAct": "proxy",
      "unicastRoute": "yes",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
      "mac": "mac id xx",
      "scope": "2916353",
      "seg": "15794152",
      "pcTag": "49154",
      "ipLearning": "number",
      "limitIpLearnToSubnets": "yes",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIBD-F624FB93-02E2-4693-B1D2-
8E0590D94CF3",
      "name": "Test",
      "description": "",
      "tenantName": "VEL_PRD",
      "alias": "",
      "type": "regular",
      "unkMacUcastAct": "proxy",
      "unicastRoute": "yes",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
```

```
      "mcastAllow": "number",
      "mac": "mac id xx",
      "scope": "2392064",
      "seg": "16121800",
      "pcTag": "49153",
      "ipLearning": "yes",
      "limitIpLearnToSubnets": "yes",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIBD-B427928F-4273-4DE7-9AEE-
01B1986F52D6",
      "name": "bd1",
      "description": "",
      "tenantName": "VEL_STG",
      "alias": "",
      "type": "regular",
      "unkMacUcastAct": "proxy",
      "unicastRoute": "number",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
      "mac": "mac id xx",
      "scope": "2490368",
      "seg": "16744320",
      "pcTag": "32771",
      "ipLearning": "yes",
      "limitIpLearnToSubnets": "yes",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
```

```
      "entityId": "ACIBD-AE6D2CF6-D8E9-4C8B-A5EC-
D3711D27A959",
      "name": "bd2",
      "description": "",
      "tenantName": "VEL_STG",
      "alias": "",
      "type": "regular",
      "unkMacUcastAct": "proxy",
      "unicastRoute": "number",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
      "mac": "mac id xx",
      "scope": "2490368",
      "seg": "16383911",
      "pcTag": "32772",
      "ipLearning": "yes",
      "limitIpLearnToSubnets": "yes",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIBD-0C698435-14EC-41A1-AD04-
D7EBB5B3FE42",
      "name": "bd3",
      "description": "",
      "tenantName": "VEL_STG",
      "alias": "",
      "type": "regular",
      "unkMacUcastAct": "proxy",
      "unicastRoute": "number",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
      "mac": "mac id xx",
```

```
      "scope": "2490368",
      "seg": "16449433",
      "pcTag": "49153",
      "ipLearning": "yes",
      "limitIpLearnToSubnets": "yes",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIBD-F0EB495E-E10A-474C-ADF7-
EFE1FCAED314",
      "name": "bd4",
      "description": "",
      "tenantName": "VEL_STG",
      "alias": "",
      "type": "regular",
      "unkMacUcastAct": "proxy",
      "unicastRoute": "number",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
      "mac": "mac id xx",
      "scope": "2490368",
      "seg": "16646022",
      "pcTag": "49154",
      "ipLearning": "yes",
      "limitIpLearnToSubnets": "yes",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIBD-59958F09-BE9F-4B82-A281-
9CBD0E5D3DD8",
      "name": "kube-numberde-bd",
```

```
      "description": "",
      "tenantName": "velocitykube",
      "alias": "",
      "type": "regular",
      "unkMacUcastAct": "proxy",
      "unicastRoute": "yes",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
      "mac": "mac id xx",
      "scope": "2555904",
      "seg": "16711549",
      "pcTag": "49162",
      "ipLearning": "yes",
      "limitIpLearnToSubnets": "yes",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIBD-18636060-4B6E-440E-A378-
5A611B3DE7AB",
      "name": "kube-pod-bd",
      "description": "",
      "tenantName": "velocitykube",
      "alias": "",
      "type": "regular",
      "unkMacUcastAct": "proxy",
      "unicastRoute": "yes",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
      "mac": "mac id xx",
      "scope": "2555904",
      "seg": "16318376",
      "pcTag": "32796",
```

```
      "ipLearning": "yes",
      "limitIpLearnToSubnets": "yes",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    }
  ]
}
```


Response Parameters	• Result: ○ entityId ○ name ○ description ○ tenantName ○ alias ○ type ○ unkMacUcastAct ○ unicastRoute ○ unkMcastAct ○ v6unkMcastAct ○ multiDstPkAct ○ mcastAllow ○ mac ○ scope ○ seg ○ pcTag ○ ipLearning ○ limitIpLearnToSubnets ○ target ○ name ○ moid

3.4.19.5.5 GET Cisco Intersight ACI BridgeDomains Details Based on Targetmoid and Tenantname

Table 263 - API: Get Cisco Intersight ACI BridgeDomains details based on targetMoid and tenantName

Element	Description

API	GetCiscoIntersightAciBridgeDomains
Description	API Returns Cisco Intersight ACI BridgeDomains details based on targetMoid and tenantName
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/tenants/{tenantName}/bds*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **tenantName (Mandatory):** Tenant Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "pcTag='32770'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 4, "records": [{ "entityId": "ACIBD-672D279B-5F64-4ED2-B2D2-F80438187F14", "name": "bd-voice", "description": "voice team", "tenantName": "SD_Access",

```
      "alias": "",
      "type": "regular",
      "unkMacUcastAct": "flood",
      "unicastRoute": "yes",
      "unkMcastAct": "flood",
      "v6unkMcastAct": "flood",
      "multiDstPktAct": "bd-flood",
      "mcastAllow": "number",
      "mac": "mac id xx",
      "scope": "2785282",
      "seg": "14745601",
      "pcTag": "49159",
      "ipLearning": "yes",
      "limitIpLearnToSubnets": "yes",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }

  ]
}
```


Response Parameters

- Result:
  - entityId
  - name
  - description
  - tenantName
  - alias
  - type
  - unkMacUcastAct
  - unicastRoute
  - unkMcastAct
  - v6unkMcastAct
  - multiDstPkAct
  - mcastAllow
  - mac
  - scope
  - seg
  - pcTag

	○ ipLearning ○ limitIpLearnToSubnets ○ target ○ name ○ moid

3.4.19.5.6 GET Cisco Intersight ACI Application Profiles Based on Targetmoid

Table 264 - API: Get Cisco Intersight ACI Application Profiles based on targetMoid

Element	Description
API	GetCiscoIntersightAciApplicationProfiles
Description	API Returns Cisco Intersight ACI Application Profiles based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/aps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "tenantName='common'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response

A Sample Response:


```
{
  "totalRecords": 59,
  "records": [
    {
      "entityId": "ACIAP-19E987E8-AB54-4F69-B9F4-
99346EB6B315",
      "name": "access",
      "description": "",
      "tenantName": "infra",
      "nameAlias": "",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIAP-AEB37186-9FB3-4018-B081-
06F9B32C617F",
      "name": "anp-voice",
      "description": "",
      "tenantName": "SD_Access",
      "nameAlias": "",
      "monPolicy": "uni/tn-common/monepg-default",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIAP-7E5D432D-5F15-430E-ADC5-
79A48920AD6E",
      "name": "AP01",
      "description": "",
      "tenantName": "TN01",
      "nameAlias": "",
      "monPolicy": "uni/tn-common/monepg-default",
```

	"target": {
	"name": "NUMBERICLDAPIC01",
	"moid": "636bee1b6f72612d38cc6086"
	}
	]
	}

Response Parameters	• Result: ○ entityId ○ name ○ description ○ tenantName ○ nameAlias ○ monPolicy ○ target ○ name ○ moid

3.4.19.5.7 GET Cisco Intersight ACI Application Profiles Based on Targetmoid and Tenantname

Table 265 - API: Get Cisco Intersight ACI Application Profiles based on targetMoid and tenantName

Element	Description
API	GetCiscoIntersightAciApplicationProfiles
Description	API Returns Cisco Intersight ACI Application Profiles based on targetMoid and tenantName
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/tenants/{tenantName}/aps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **tenantName (Mandatory):** Tenant Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:

	○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='anp-voice'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 5,
	"records": [
	{
	"entityId": "ACIAP-AEB37186-9FB3-4018-B081-06F9B32C617F",
	"name": "anp-voice",
	"description": "",
	"tenantName": "SD_Access",
	"nameAlias": "",
	"monPolicy": "uni/tn-common/monepg-default",
	"target": {
	"name": "NUMBERICLDAPIC01",
	"moid": "636bee1b6f72612d38cc6086"
	}
	},
	{
	"entityId": "ACIAP-C0D82339-5AED-478E-880C-E19AD343A730",
	"name": "DNAC",
	"description": "",
	"tenantName": "SD_Access",
	"nameAlias": "",

	<pre>"monPolicy": "uni/tn-common/monepg-default",
	"target": {
	"name": "NUMBERICLDAPIC01",
	"moid": "636bee1b6f72612d38cc6086"
	}
	]
	}</pre>

Response Parameters	• Result: ○ entityId ○ name ○ description ○ tenantName ○ nameAlias ○ monPolicy ○ target ○ name ○ moid

3.4.19.5.8 GET Cisco Intersight ACI Endpoint Groups Based on Targetmoid

Table 254 - API: Get Cisco Intersight ACI Endpoint Groups based on targetMoid

Element	Description
API	GetCiscoIntersightAciEndPointGroups
Description	API Returns Cisco Intersight ACI Endpoint Groups based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/epgs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:

	○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='visitservice_1'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 2,
	"records": [
	{
	"entityId": "ACIEPG-97BA5303-F77F-4AEC-8037-8070572595E8",
	"name": "adminservice_1",
	"description": "",
	"tenantName": "VEL_DEV",
	"nameAlias": "",
	"applicationProfileName": "app-demo_978",
	"intraEPGIsolation": "uni/tn-common/monepg-default",
	"prefGrMemb": "unenforced",
	"floodOnEncap": "exclude",
	"qosClass": "unspecified",
	"target": {
	"name": "NUMBERICLDAPIC01",
	"moid": "636bee1b6f72612d38cc6086"
	}
	},
	{

```
      "entityId": "ACIEPG-549F406D-7C72-4799-9D54-
6C01DD13238A",
      "name": "adminservice_1",
      "description": "",
      "tenantName": "VEL_DEV",
      "nameAlias": "",
      "applicationProfileName": "Test-Demo_1079",
      "intraEPGIsolation": "uni/tn-common/monepg-
default",
      "prefGrMemb": "unenforced",
      "floodOnEncap": "exclude",
      "qosClass": "unspecified",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }

  ]
}
```


Response Parameters

- Result:
  - entityId
  - name
  - description
  - tenantName
  - nameAlias
  - applicationProfileName
  - intraEPGIsolation
  - prefGrMemb
  - floodOnEncap
  - qosClass
  - target
  - name
  - moid

3.4.19.5.9 GET Cisco Intersight ACI Endpoint Groups Based on Targetmoid And Tenantname

Table 266 - API: Get Cisco Intersight ACI Endpoint Groups based on targetMoid and tenantName

Element	Description
API	GetCiscoIntersightAciEndPointGroups
Description	API Returns Cisco Intersight ACI Endpoint Groups based on targetMoid and tenantName
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/tenants/{tenantName}/epgs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **tenantName (Mandatory):** Tenant Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='test'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 2, "records": [{ "entityId": "ACIEPG-33B8C636-A873-40DE-AB7A-79CDCBE8A670", "name": "epg2", "description": "",

```
      "tenantName": "SD_Access",
      "nameAlias": "",
      "applicationProfileName": "shared",
      "intraEPGIsolation": "uni/tn-common/monepg-
default",
      "prefGrMemb": "unenforced",
      "floodOnEncap": "exclude",
      "qosClass": "unspecified",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIEPG-0E76BE88-3DF9-429C-9B80-
F98A3A00F193",
      "name": "ISE",
      "description": "",
      "tenantName": "SD_Access",
      "nameAlias": "",
      "applicationProfileName": "DNAC",
      "intraEPGIsolation": "uni/tn-common/monepg-
default",
      "prefGrMemb": "unenforced",
      "floodOnEncap": "exclude",
      "qosClass": "unspecified",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }

  ]
}
```


Response Parameters

- Result:
  - entityId
  - name
  - description
  - tenantName

	○ nameAlias ○ applicationProfileName ○ intraEPGIsolation ○ prefGrMemb ○ floodOnEncap ○ qosClass ○ target ○ name ○ moid

3.4.19.5.10 GET Cisco Intersight ACI Contracts Based on Targetmoid

Table 256 - API: Get Cisco Intersight ACI Contracts based on targetMoid

Element	Description
API	GetCiscoIntersightAciContracts
Description	API Returns Cisco Intersight ACI Contracts based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/contracts*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='test'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description.

	• **Content-type**: application/json
Response	A Sample Response:

```
{
  "totalRecords": 2,
  "records": [
    {
      "entityId": "ACICON-FB66B2E4-B76E-487E-A51C-
E4965045FB44",
      "name": "ALLOW_ICMP",
      "description": "",
      "tenantName": "ACIOBJECTS",
      "alias": "",
      "scopeOfContract": "tenant",
      "qosClass": "unspecified",
      "targetDscp": "unspecified",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACICON-49F76D7D-862D-4DE5-9D2C-
AAF943B86E8B",
      "name": "cluster2_svc_ccp_ccp-efk-kibana",
      "description": "",
      "tenantName": "common",
      "alias": "",
      "scopeOfContract": "context",
      "qosClass": "unspecified",
      "targetDscp": "unspecified",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }

  ]
}
```

Response Parameters	• Result:
	  ○ entityId
	  ○ name
	  ○ description
	  ○ tenantName
	  ○ alias
	  ○ scopeOfContract
	  ○ qosClass
	  ○ targetDscp
	  ○ target
	  ○ name
	  ○ moid

3.4.19.5.11 GET Cisco Intersight ACI Contracts Based on Targetmoid and Tenantname

Table 267 - API: Get Cisco Intersight ACI Contracts Based on Targetmoid and Tenantname

Element	Description
API	GetCiscoIntersightAciContracts
Description	API Returns Cisco Intersight ACI Contracts based on targetMoid and tenantName
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/tenants/{tenantName}/contracts*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.
	• **targetMoid (Mandatory):** Targets Moid/Name.
	• **tenantName (Mandatory):** Tenant Name.
	  • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:
	  ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"
	  ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".
	  ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1"
	  ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "name='test'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 2, "records": [{ "entityId": "ACICON-49F76D7D-862D-4DE5-9D2C-AAF943B86E8B", "name": "cluster2_svc_ccp_ccp-efk-kibana", "description": "", "tenantName": "common", "alias": "", "scopeOfContract": "context", "qosClass": "unspecified", "targetDscp": "unspecified", "target": { "name": "NUMBERICLDAPIC01", "moid": "636bee1b6f72612d38cc6086" } },] }`
Response Parameters	• Result: ○ entityId ○ name ○ description ○ tenantName ○ alias ○ scopeOfContract ○ qosClass

	○ targetDscp ○ target ○ name ○ moid

3.4.19.5.12 GET Cisco Intersight ACI l3 Outs based on Targetmoid

Table 268 - API: Get Cisco Intersight ACI l3 Outs Based on Targetmoid

Element	Description
API	GetCiscoIntersightAciL3Outs
Description	API Returns Cisco Intersight ACI l3 Outs based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/l3Outs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='default'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: {

```
  "totalRecords": 2,
  "records": [
    {
      "entityId": "ACILOUT-EC4AD64C-2AC4-44CD-A89A-
1582E7B16B24",
      "name": "default",
      "tenantName": "common",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACILOUT-44D515F6-C096-494A-B3A7-
6ECD619802C7",
      "name": "towards-core-ospf",
      "tenantName": "common",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }

  ]
}
```


Response Parameters	• Result: ○ entityId ○ name ○ tenantName ○ target ○ name ○ moid

3.4.19.5.13 GET Cisco Intersight ACI l3Outs Based on Targetmoid and Tenantname

Table 269 - API: Get Cisco Intersight ACI l3Outs Based on Targetmoid and Tenantname

Element	Description

API	GetCiscoIntersightAciL3Outs
Description	API Returns Cisco Intersight ACI l3Outs based on targetMoid and tenantName
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/tenants/{tenantName}/l3Outs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **tenantName (Mandatory):** Tenant Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='default'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 2,`
	`"records": [`
	`{`
	`"entityId": "ACILOUT-EC4AD64C-2AC4-44CD-A89A-1582E7B16B24",`
	`"name": "default",`
	`"tenantName": "common",`
	`"target": {`
	`"name": "NUMBERICLDAPIC01",`

```
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACILOUT-44D515F6-C096-494A-B3A7-
6ECD619802C7",
      "name": "towards-core-ospf",
      "tenantName": "common",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }

  ]
}
```


Response Parameters	• Result:
	  ○ entityId
	  ○ name
	  ○ tenantName
	  ○ target
	  ○ name
	  ○ moid

3.4.19.5.14 GET Cisco Intersight ACI Filters Based on Targetmoid

Table 270 - API: Get Cisco Intersight ACI Filters Based on Targetmoid

Element	Description
API	GetCiscoIntersightAciFilters
Description	API Returns Cisco Intersight ACI Filters based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/filters*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **targetMoid (Mandatory):** Targets Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='default'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 2,
	"records": [
	{
	"entityId": "ACIFILT-B43359A3-4B96-4E4D-B144-B45A7DF0363E",
	"name": "cluster2_svc_ccp_ccp-efk-kibana",
	"description": "",
	"tenantName": "common",
	"alias": "",
	"subjectName": "loadbalancedservice",
	"target": {
	"name": "NUMBERICLDAPIC01",
	"moid": "636bee1b6f72612d38cc6086"
	}
	},
	{
	"entityId": "ACIFILT-3DF510BD-2629-4EE9-9783-727255CCF768",

```
      "name": "cluster2_svc_ccp_nginx-ingress-
controller",
      "description": "",
      "tenantName": "common",
      "alias": "",
      "subjectName": "loadbalancedservice",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }

  ]
}
```


Response Parameters	• Result:
	  ○ entityId
	  ○ name
	  ○ description
	  ○ tenantName
	  ○ alias
	  ○ subjectName
	  ○ target
	  ○ name
	  ○ moid

3.4.19.5.15 GET Cisco Intersight ACI Filter Based on Targetmoid and Tenantname

Table 271 - API: Get Cisco Intersight ACI Filters based on targetMoid and tenantName

Element	Description
API	GetCiscoIntersightAciFilters
Description	API Returns Cisco Intersight ACI Filters based on targetMoid and tenantName
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/tenants/{tenantName}/filters*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **targetMoid (Mandatory):** Targets Moid/Name. • **tenantName (Mandatory):** Tenant Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='default'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 2,`
	`"records": [`
	`{`
	`"entityId": "ACIFILT-B43359A3-4B96-4E4D-B144-B45A7DF0363E",`
	`"name": "cluster2_svc_ccp_ccp-efk-kibana",`
	`"description": "",`
	`"tenantName": "common",`
	`"alias": "",`
	`"subjectName": "loadbalancedservice",`
	`"target": {`
	`"name": "NUMBERICLDAPIC01",`
	`"moid": "636bee1b6f72612d38cc6086"`
	`}`
	`},`
	`{`
	`"entityId": "ACIFILT-3DF510BD-2629-4EE9-9783-727255CCF768",`

```
      "name": "cluster2_svc_ccp_nginx-ingress-
controller",
      "description": "",
      "tenantName": "common",
      "alias": "",
      "subjectName": "loadbalancedservice",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }

  ]
}
```


Response Parameters	• Result: ○ entityId ○ name ○ description ○ tenantName ○ alias ○ subjectName ○ target ○ name ○ moid

3.4.19.5.16 GET Cisco Intersight ACI Subjects Based on Targetmoid

Table 272 - API: Get Cisco Intersight ACI Subjects based on targetMoid

Element	**Description**
API	GetCiscoIntersightAciSubjects
Description	API Returns Cisco Intersight ACI Subjects based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/subjects*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.
	• **targetMoid (Mandatory):** Targets Moid/Name.
	  • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:
	  ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"
	  ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".
	  ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1"
	  ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"
	For e.g. {"filter": "name='default'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`  "totalRecords": 2,`
	`  "records": [`
	`  {`
	`  "entityId": "ACISUB-CC86CF89-9244-4A25-AB61-44CF66AAB4CA",`
	`  "name": "allow-all-subj",`
	`  "description": "",`
	`  "tenantName": "common",`
	`  "alias": "",`
	`  "qosClass": "unspecified",`
	`  "targetDscp": "unspecified",`
	`  "target": {`
	`  "name": "NUMBERICLDAPIC01",`
	`  "moid": "636bee1b6f72612d38cc6086"`
	`  }`
	`  },`

```
    {
      "entityId": "ACISUB-983A4AC2-8873-4B2C-BCDA-
A250DDD397DA",
      "name": "any",
      "description": "",
      "tenantName": "common",
      "alias": "",
      "qosClass": "unspecified",
      "targetDscp": "unspecified",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }

  ]
}
```


Response Parameters

- Result:
  - entityId
  - name
  - description
  - tenantName
  - alias
  - qosClass
  - targetDscp
  - target
  - name
  - moid

3.4.19.5.17 GET Cisco Intersight ACI Subjects Based on Targetmoid and Tenantname

Table 273 - API: Get Cisco Intersight ACI Subjects based on Targetmoid and Tenantname

Element	Description
API	GetCiscoIntersightAciSubjects
Description	API Returns Cisco Intersight ACI Subjects based on targetMoid and tenantName
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/tenants/{tenantName}/subjects*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **tenantName (Mandatory):** Tenant Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='default'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 2,
	"records": [
	{
	"entityId": "ACISUB-CC86CF89-9244-4A25-AB61-44CF66AAB4CA",
	"name": "allow-all-subj",
	"description": "",
	"tenantName": "common",
	"alias": "",
	"qosClass": "unspecified",
	"targetDscp": "unspecified",
	"target": {

```
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACISUB-983A4AC2-8873-4B2C-BCDA-
A250DDD397DA",
      "name": "any",
      "description": "",
      "tenantName": "common",
      "alias": "",
      "qosClass": "unspecified",
      "targetDscp": "unspecified",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    }
  ]
}
```


Response Parameters	• Result: ○ entityId ○ name ○ description ○ tenantName ○ alias ○ qosClass ○ targetDscp ○ target ○ name ○ moid

3.4.19.5.18 GET Cisco Intersight ACI Monitoring Policy Based on Targetmoid

Table 274 - API: Get Cisco Intersight ACI Monitoring Policy Based On Targetmoid

Element	Description
API	GetCiscoIntersightAciMonitoringPolicy

Description	API Returns Cisco Intersight ACI Monitoring Policy based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/monitoringPolicy*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "name='default'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 6,
	"records": [
	{
	"entityId": "ACIMP-F4D0CB8B-3AAB-4C1C-98C3-57BE6D7B04FF",
	"name": "default",
	"description": "",
	"tenantName": "common",
	"target": {
	"name": "NUMBERICLDAPIC01",
	"moid": "636bee1b6f72612d38cc6086"

```
      }
    },
    {
      "entityId": "ACIMP-58FFA186-98B3-4873-AC3E-
653B2376B49A",
      "name": "Monitoring-Policy-1",
      "description": "",
      "tenantName": "common",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIMP-0C42CFD3-6345-4D7F-BDEE-
D368C9BC8FC7",
      "name": "Sceincelogic",
      "description": "",
      "tenantName": "DC-1",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIMP-0DCF5174-C13B-40F4-97C3-
AA93DADD0F53",
      "name": "fg",
      "description": "",
      "tenantName": "SD_Access",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIMP-B546A220-78BC-4CC5-B078-
F83ABDE4DB52",
      "name": "tenant-mon-pol",
```

```
      "description": "",
      "tenantName": "TN-03",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIMP-030CF64B-9134-4A43-83FC-
15939E855476",
      "name": "snmp-test",
      "description": "",
      "tenantName": "VEL_PRD",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    }
  ]
}
```


Response Parameters	• Result: ○ entityId ○ name ○ description ○ tenantName ○ target ○ name ○ moid

3.4.19.5.19 GET Cisco Intersight ACI Monitoring Policy Based on Targetmoid and Tenantname

Table 275 - API: Get Cisco Intersight ACI Monitoring Ploicy Based on Targetmoid and Tenantname

Element	Description
API	GetCiscoIntersightAciMonitoringPolicy
Description	API Returns Cisco Intersight ACI Monitoring Policy based on targetMoid and tenantName
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/tenants/{tenantName}/monitoringPolicy*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **tenantName (Mandatory):** Tenant Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "name='default'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 2,`
	`"records": [`
	`{`
	`"entityId": "ACIMP-F4D0CB8B-3AAB-4C1C-98C3-57BE6D7B04FF",`
	`"name": "default",`
	`"description": "",`
	`"tenantName": "common",`
	`"target": {`
	`"name": "NUMBERICLDAPIC01",`
	`"moid": "636bee1b6f72612d38cc6086"`
	`}`

```
    },
    {
      "entityId": "ACIMP-58FFA186-98B3-4873-AC3E-
653B2376B49A",
      "name": "Monitoring-Policy-1",
      "description": "",
      "tenantName": "common",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    }
  ]
}
```


Response Parameters	• Result:
	  ○ entityId
	  ○ name
	  ○ description
	  ○ tenantName
	  ○ target
	  ○ name
	  ○ moid

3.4.19.5.20 GET Cisco Intersight ACI Inventory Based on Targetmoid

Table 276 - API: Get Cisco Intersight ACI Inventory Based on Targetmoid

Element	Description
API	GetCiscoIntersightAciInventory
Description	API Returns Cisco Intersight ACI Inventory based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/inventory*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **targetMoid (Mandatory):** Targets Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "role='spine'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 7, "records": [{ "entityId": "ACIINV-EFF4F690-381C-48DA-9CF9-154E78CE588B", "name": "NUMBERICLDAPIC01", "adSt": "on", "address": "xx.xx.x.x", "annumbertation": "", "apicType": "apic", "dn": "topology/pod-1/numberde-1", "fabricSt": "unknumberwn", "model": "APIC-SERVER-M2", "role": "controller", "serial": "FCH2315V0DM", "id": "1", "version": "4.2(7s)", "nameAlias": "", "podId": "1",

```
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIINV-42703B54-C53C-41CF-8178-
B9640E912B9F",
      "name": "NUMBERICLDAPIC02",
      "adSt": "on",
      "address": "xx.x.x.x",
      "annumbertation": "",
      "apicType": "apic",
      "dn": "topology/pod-1/numberde-2",
      "fabricSt": "unknumberwn",
      "model": "APIC-SERVER-M2",
      "role": "controller",
      "serial": "FCH2323V07F",
      "id": "2",
      "version": "4.2(7s)",
      "nameAlias": "",
      "podId": "1",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIINV-A78564F3-2614-4D1F-8576-
0F9D7922C9DF",
      "name": "NUMBERICLDAPIC03",
      "adSt": "on",
      "address": "xx.x.x.x",
      "annumbertation": "",
      "apicType": "apic",
      "dn": "topology/pod-1/numberde-3",
      "fabricSt": "unknumberwn",
      "model": "APIC-SERVER-M2",
      "role": "controller",
```

```
      "serial": "FCH2322V0RB",
      "id": "3",
      "version": "4.2(7s)",
      "nameAlias": "",
      "podId": "1",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIINV-B43E5239-DD6F-40BB-AD42-
36EEB67ECF48",
      "name": "NUMBERICLDSPIN02",
      "adSt": "on",
      "address": "xxxxxxx",
      "annumbertation": "",
      "apicType": "apic",
      "dn": "topology/pod-1/numberde-202",
      "fabricSt": "active",
      "model": "N9K-C9336PQ",
      "role": "spine",
      "serial": "FDO230308FT",
      "id": "202",
      "version": "n9000-14.2(7s)",
      "nameAlias": "",
      "podId": "1",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIINV-EFC186F2-7AF2-448A-AC95-
B26E35599A0B",
      "name": "NUMBERICLDSPIN01",
      "adSt": "on",
      "address": "xx.x.x.x",
      "annumbertation": "",
```

```
      "apicType": "apic",
      "dn": "topology/pod-1/numberde-201",
      "fabricSt": "active",
      "model": "N9K-C9336PQ",
      "role": "spine",
      "serial": "FDO230308EM",
      "id": "201",
      "version": "n9000-14.2(7s)",
      "nameAlias": "",
      "podId": "1",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIINV-DD7DFA15-5FA9-488B-9063-
FF9DD27FBF3B",
      "name": "NUMBERICLDLEAF01",
      "adSt": "on",
      "address": "10.30.88.64",
      "annumbertation": "",
      "apicType": "apic",
      "dn": "topology/pod-1/numberde-101",
      "fabricSt": "active",
      "model": "N9K-C93180YC-FX",
      "role": "leaf",
      "serial": "FDO2530172P",
      "id": "101",
      "version": "n9000-14.2(7s)",
      "nameAlias": "",
      "podId": "1",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
```

```
      "entityId": "ACIINV-42DB9589-0926-497A-89E3-
1D5B683AB995",
      "name": "NUMBERICLDLEAF02",
      "adSt": "on",
      "address": "xx.x.x.x",
      "annumbertation": "",
      "apicType": "apic",
      "dn": "topology/pod-1/numberde-102",
      "fabricSt": "active",
      "model": "N9K-C93180YC-FX",
      "role": "leaf",
      "serial": "FDO252210DT",
      "id": "102",
      "version": "n9000-14.2(7s)",
      "nameAlias": "",
      "podId": "1",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    }
  ]
}
```


Response Parameters

- Result:
  - entityId
  - name
  - adst
  - address
  - annumbertation
  - apicType
  - dn
  - fabricSt
  - model
  - role
  - serial
  - id
  - version
  - nameAlias

	○ podId ○ target ○ name ○ moid

3.4.19.5.21 GET Cisco Intersight ACI L3 Domains Based on Targetmoid

Table 277 - API: Get Cisco Intersight ACI L3 Domains based on targetMoid

Element	Description
API	GetCiscoIntersightAciL3Domains
Description	API Returns Cisco Intersight ACI L3 Domains based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/l3Domains*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "name='NGN-L3out'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response

A Sample Response:


```
{
  "totalRecords": 3,
  "records": [
    {
      "entityId": "ACIL3DOM-6BEFD63E-774E-47C3-B141-
DDA396BB11E9",
      "name": "NGN-L3out",
      "associatedVLANPool": {
        "name": "[NGN_L3out]-static"
      },
      "associatedAAEP": [
        {
          "name": "NGN-l3out"
        },
        {
          "name": "NGN-VMM-2ndinterface"
        }
      ],
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIL3DOM-05EA4A3F-A570-4E5D-95C6-
0EBC4D7BBFAC",
      "name": "vel-auto-routed-dom",
      "associatedVLANPool": {
        "name": "[vel-auto-routed-vlans]-dynamic"
      },
      "associatedAAEP": [
        {
          "name": "vel-aep-l3o"
        }
      ],
      "target": {
        "name": "NUMBERICLDAPIC01",
```

```
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIL3DOM-D3082908-2557-4886-983A-
3205DB0D66A3",
      "name": "vel-static-routed-dom",
      "associatedVLANPool": {
        "name": "[vel-static-routed-vlans]-static"
      },
      "associatedAAEP": [
        {
          "name": "vel-aep-l3o"
        },
        {
          "name": "vel-aep-phy"
        }
      ],
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    }
  ]
}
```


Response Parameters	• Result: ○ entityId ○ name ○ associatedVLANPool ○ associatedAAEP ○ target ○ name ○ moid

3.4.19.5.22 GET Cisco Intersight ACI VPC Policy Groups based on Targetmoid

Table 278 - API: Get Cisco Intersight ACI VPC Policy Groups based on targetMoid

Element	Description
API	GetCiscoIntersightAciVPCPolicyGroups
Description	API Returns Cisco Intersight ACI VPC Policy Groups based on targetMoid
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ciscoIntersight/aci/provisioningEndPoints/{endpointId}/targets/{targetMoid}/vpcpolgrps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **targetMoid (Mandatory):** Targets Moid/Name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "name='NGN_test'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 9, "records": [{ "entityId": "ACIVPCPG-B92CDC42-C6D7-4A24-9808-E360B94E9AC0", "name": "ipg-vpc-server1-data", "description": "", "annumbertation": "",

```
      "nameAlias": "",
      "dn": "uni/infra/funcprof/accbundle-ipg-vpc-
server1-data",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVPCPG-C9B812E2-272B-42F2-A8FE-
2AB96A5F713A",
      "name": "NGN_test",
      "description": "",
      "annumbertation": "",
      "nameAlias": "",
      "dn": "uni/infra/funcprof/accbundle-NGN_test",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVPCPG-DCDEFA44-BA4D-49EE-8EAC-
A4C045172EB8",
      "name": "ngn-test2",
      "description": "",
      "annumbertation": "",
      "nameAlias": "",
      "dn": "uni/infra/funcprof/accbundle-ngn-test2",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVPCPG-E90F6682-DC46-4CA3-9305-
C8620AB0AFF4",
      "name": "Test-PC-Grp",
      "description": "",
```

```
      "annumbertation": "",
      "nameAlias": "",
      "dn": "uni/infra/funcprof/accbundle-Test-PC-Grp",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVPCPG-94B8C891-63E4-4AF1-ADA8-
EE0BF4AE8FE9",
      "name": "VPC_MGMT_COMP1",
      "description": "",
      "annumbertation": "",
      "nameAlias": "",
      "dn": "uni/infra/funcprof/accbundle-
VPC_MGMT_COMP1",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVPCPG-F2E6D613-D81D-49A0-851B-
9CE57955A8EB",
      "name": "VPC_MGMT_COMP2",
      "description": "",
      "annumbertation": "",
      "nameAlias": "",
      "dn": "uni/infra/funcprof/accbundle-
VPC_MGMT_COMP2",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVPCPG-48DAA164-D419-464F-B9B7-
2FA5FB207585",
```

```
      "name": "VPC_MGMT_COMP3",
      "description": "",
      "annumbertation": "",
      "nameAlias": "",
      "dn": "uni/infra/funcprof/accbundle-
VPC_MGMT_COMP3",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVPCPG-489816D1-9A3E-45C9-852A-
F2F324AB2BCF",
      "name": "VPC-VEL-FIA",
      "description": "",
      "annumbertation": "",
      "nameAlias": "",
      "dn": "uni/infra/funcprof/accbundle-VPC-VEL-FIA",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    },
    {
      "entityId": "ACIVPCPG-582D800C-19C4-40AC-A197-
E042D1BD98F7",
      "name": "VPC-VEL-FIB",
      "description": "",
      "annumbertation": "",
      "nameAlias": "",
      "dn": "uni/infra/funcprof/accbundle-VPC-VEL-FIB",
      "target": {
        "name": "NUMBERICLDAPIC01",
        "moid": "636bee1b6f72612d38cc6086"
      }
    }
  ]
}
```

Response Parameters	• Result: ○ entityId ○ name ○ description ○ annumbertation ○ nameAlias ○ dn ○ target ○ name ○ moid

3.4.20 Provider

3.4.20.1 Create New Provider

Table 279 - API: Create New Provider

Element	Description
API	CreateProvider
Description	API Creates new Provider. API is accessable to cloud admin and elevated provider service account users
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/providers*

Body Parameters	{
	"name": "providerTest",
	"description": "Creating new Provider",
	"platforms": [
	"AMAZN","ARM","VMWAR"
	],
	"supportEmail": "providertest@hcl.com",
	"authenticationType": "Form",
	"ldapAuth": {
	"name": "providertest1",
	"username": "providertest1",
	"password":" xxxxxxx ",
	"url":"http://abc.com"
	},
	"samlAuth": {
	"id":"12",

```
    "url":"http://abc.com",
    "nameId":"testProvider",
    "toolCode":"IDM",
    "logoutUrl":"http://xyz.com"
  }
}
```

- **providerInfo (Mandatory):** Sample Input Json: {"name": "providerName", "description": "describeProvider", "platforms": ["AMAZN", "ARM", "CICO", "GCP", "LDZ","MHV","SCVM2","VMWAR"],"supportEmail":support1@HCL BigFix CLM.com,support2@.com, "authenticationType":"Form" or "LDAP" or "SAML 20"}.
- Sample Platform Codes supported by BigFix CLM are: AMAZN for Amazon Web Services, ARM for Microsoft Azure, CICO for Cisco Intersight, GCP for Google Cloud Platform, LDZ for Generic Endpoint, MHV for Multi-HyperVisor, SCVM2 for Compute on Demand-Hyper V 2012, VMWAR for Compute on Demand-Vcenter.
- Please enter comma (,) seperated value in "supportEmail".
- Valid Authenticate Types are Form or LDAP or SAML 20

```
For e.g. If authenticationType is LDAP then only
ldapAuth json details require to create provider with
"ldapAuth": {
    "name": "providertest1",
    "username": "providertest1",
    "password":" xxxxxxx ",
    "url":"http://abc.com"
  }
For e.g. If authenticationType is SAML 20 then only
samlAuth json details require to create provider with
"samlAuth": {
    "id":"12",
    "url":"http://abc.com",
    "nameId":"testProvider",
    "toolCode":"IDM",
    "logoutUrl":"http://xyz.com"
  }
```

Header	• **Authorization Key**: The initial step that needs to be performed before consuming BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description.

	• **Content-type**: application/json

Response	{
	"providerEntityId": "PVD-2998CF39-6E80-4799-93F1-2B09300143AE",
	"providerName": "providerTest"
	}

Response Parameters	• Result: ○ providerEntityId ○ providerName

3.4.20.2 Create New Provider User

Table 280 - API: Create new Provider User

Element	Description
API	CreateProviderUser
Description	API Creates new Provider User. API is accessable to cloud admin and elevated provider service account users
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/providers /{providerId}/users*

Body Parameters	{
	"name": "Sample Provider User",
	"email": "newprovideruser@hcl.com",
	"username": "new user",
	"password": " xxxxxxx "
	}
	• **providerId (Mandatory):** Unique Identifier of Provider. It can be any value either ProviderEntityId or Name of the Provider available on Manage Provider screen.
	• **providerUserInfo (Mandatory):** Sample Input Json: {"name": "First Name and Last Name", "email": provider@.com, "username": "userName", "password": "userpassword"}.

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description.

	• **Content-type**: application/json

Response	{
	"userEntityId": "USER-1C7820BD-9A2F-4B19-837A-B3C38F5F773F",
	"email": "newprovideruser@hcl.com"
	}

Response Parameters	• Result: ○ userEntityId ○ email

3.4.20.3 Delete Provider

Table 281 - API: Delete Provider

Element	Description
API	DeleteProvider
Description	This API Deletes Provider. API is accessable to cloud admin and elevated provider service account users.
Method	DELETE
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/providers/{providerId}*
Body Parameters	• **providerId (Mandatory):** Unique Identifier of Provider. It can be any value either ProviderEntityId or Name of the Provider available on Manage Provider screen.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: "Provider is deleted."
Response Parameters	

3.4.21 Ad

3.4.21.1 Authenticates User Email/Username from Ldap

Table 282 - API: Authenticate User Email/Username from Ldap

Element	Description
API	ValidateUser
Description	API Authenticates the User Email/Username from Ldap .
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ad/validateUser*

Body Parameters	{
	"ldapUrl": "LDAP://inprmpdc01xxxxxx",
	"domain": "kk",
	"userName": "pattedicharan.teja",
	"password": "*******",
	"searchIdentity": "Abhinav.verma"
	}

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"displayName": "",
	"samAccountName": "",
	"emailAddress": "",
	"givenName": "",
	"surname": ""
	}

Response Parameters	• Result:
	  ○ displayName
	  ○ samAccountName
	  ○ emailAddress
	  ○ givenName
	  ○ surname

3.4.22 Blueprint

3.4.22.1 Deploy The Blueprint for Given Inputs

Table 283 - API: Deploy the blueprint for given Inputs

Element	Description
API	DeployBluprint
Description	API is for deploying the blueprint for given inputs.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/blueprint/execution*

URL Parameters (fields in curly {} braces)	{
	"organizationCode": "HCLOrg",
	"endpointId": "ARMprovisioningProvider",
	"deploymentName": "Deploy27",
	"blueprintId": "29",
	"variableJson": [
	{
	"key":"vpcvar",
	"value":"vpcabhishek"
	},
	{
	"key":"subnetvar",
	"value":"subnetabhishek"
	},
	{
	"key":"rgvar",
	"value":"resourcegroupabhishek"
	},
	{
	"key":"tagtest",
	"value":"{\"owner\":\"abhishek\",\"purpose\":\"testing\",\"expiry\":\"june23\"}"
	},
	"ansibleInfo": {
	"configurationName": "Ansible Test Server"
	}
	],

	<pre>"action": "DEPLOY"
	}</pre>

Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	<pre>{
	"requestId": "044A1157-2E0D-43A9-A55C-2D971F40F4DC",
	"executionId": "170",
	"executionMessage": "Deploy292: Execution Initiated."
	}</pre>

Response Parameters	• Result: ○ requestId ○ executionId ○ executionMessage

3.4.22.2 GET the Current/Recent Deployment Status of The Blueprint.

Table 284 - API: Get the Current/Recent Deployment Status of The Blueprint.

Element	Description
API	DeployStatus
Description	API Returns the current/recent deployment status of the blueprint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/blueprint/deployments/{deployName}*
URL Parameters (fields in curly {} braces)	• **deployName (Mandatory):** deployment Name to find the status.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response: `{ "status": "InProgress", "tasks": [ { "name": "Execute Blueprint Terraform", "sequence": 1, "status": "InProgress", "errorMessage": "" } ] }`

Response Parameters	• Result:
	  ○ status
	  ○ tasks
	  ○ name
	  ○ sequence
	  ○ status
	  ○ errorMessage

3.4.23 Itsm

3.4.23.1 GET ITSM Configuration Details

Table 285 - API: GET ITSM Configuration Details

Element	Description
API	GetItsmConfiguration
Description	API Returns ITSM configuration details.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/itsm/organizationCode/{organizationCode}*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory)**: Unique Identifier of Organization. Organization Code is available on Manage Organization screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:

	○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number:** To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "toolConfigurationId=43","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"totalRecords": 1,
	"records": [
	{
	"toolConfigurationId": "43",
	"toolConfigurationName": "BhaskarTestPlainText",
	"toolTypeCode": "SNUMBERW",
	"toolTypeDescription": "SNUMBERW",
	"authenticationId": "4",
	"authenticationType": "BasicAuth",
	"authDescription": "BasicAuth",
	"authUrl": "",
	"authContentType": "text/plain"
	}
	]
	}

Response Parameters	• Result: ○ toolConfigurationId ○ toolConfigurationName ○ toolTypeCode ○ toolTypeDescription ○ authenticationId

	○ authenticationType ○ authDescription ○ authUrl ○ authContentType

3.4.24 Multi Hypervisor

3.4.24.1 GET All Endpoints Associated to Multihypervisor Endpoint to User.

Table 286 - API: GET All Endpoints Associated to Multihypervisor Endpoint to User.

Element	Description
API	GetMultiHypervisorDetails
Description	API Returns all endpoints associated to multihypervisor endpoint to user.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/multiHypervisor/provisioningEndpoints/{endpointId}/mappedEndpoints*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "userName=' kk\\mycl'","sortorder": "desc", "pagenumber": "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response:

```
{
  "totalRecords": 1,
  "records": [
    {
      "name": "VcenterDev",
      "entityId": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "configurations": {
        "userName": "kk\\mycl",
        "password": " xxxxxxx ",
        "url": "https:// xxxxxxx xxxxxx/sdk",
        "version": "5.1"
      }
    }
  ]
}
```


Response Parameters	• Result: ○ name ○ entityId ○ configurations ○ username ○ password ○ url ○ version

3.4.25 Report

3.4.25.1 GET the Billing Information of Organization

Table 287 - API:Get the Billing Information of Organization.

Element	Description
API	GetBillingReportInfo
Description	API Returns the billing information of Organization.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/reports/billing/organizations/{organizationCode }/platforms/{platformCode}/reportType/{reportType}/billingPeriod/{billingPeriod}*

URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory):** Unique Identifier of Organization. Organization Code is available on Manage Organization screen. • **platformCode (Mandatory):** PlatformCode from Platformmaster .eg:'ARM','AMAZN','VMWAR','SCVM2','GCP','CICO', etc. • **reportType (Mandatory):** It can be – 1.PWB for Platform Wise Billing 2.EWB for Endpoint Wise Billing 3.CWB for Catalog Wise Billing 4.CIWB fro CI Wise Billing 5.CIIWB for CI Item Wise Billing • **billingPeriod (Mandatory):** Month Year for billing report in mm-yyyy – Example – (01-2023) • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "cild='717","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 6,`
	`"records": [`
	`{`
	`"orgName": "hclorg",`
	`"orgEntityID": "ORG-1F7557F7-F150-44E0-824F-91B7B90788B9",`
	`"platformName": "Compute on Demand-Vcenter",`
	`"platformCode": "VMWAR",`
	`"totalCost": 396.18,`
	`"onetimeCost": 0,`
	`"dailyCost": 310,`

```
      "recurringCost": 86.18,
      "currency": "INR",
      "endpointName": "VcenterDev",
      "endpointEntityID": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "serviceCatalogName": "ServicePiyushNewTest",
      "catalogEntityId": "CAT-4222D4B9-4DCC-4328-B609-
252FB3B4FDF2",
      "ciId": 717,
      "objectType": "VM",
      "serviceplan": "platinum",
      "resourceName": "0231",
      "numberOfDayBilled": "31",
      "requestNumber": "Imported",
      "os": "Windows",
      "itemName": "ServicePiyushNewTest",
      "itemQuantity": "1",
      "itemUnit": "Catalog",
      "perUnitPrice": "1110.00 Per Catalog"
    }
  ]
}
```


Response Parameters

- Result:
  - orgName
  - orgEntityId
  - platformName
  - platformCode
  - totalCost
  - onetimeCost
  - dailyCost
  - recurringCost
  - currency
  - endpointName
  - endpointEntityID
  - serviceCatalogName
  - catalogEntityId
  - ciId
  - objectType

	○ servicePlan ○ resourceName ○ numberOfDayBilled ○ requestNumber ○ os ○ itemNam ○ itemQuantity ○ itemUnit ○ preUnitPrice

3.4.25.2 GET the Billing Information of Organization and Endpointid

Table 288 - API:Get the Billing Information of Organization And Endpointid.

Element	Description
API	GetEndpointWiseBillingReportInfo
Description	API Returns the billing information of Organization and endpointid.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/reports/billing/organizations/{organizationCode }/platforms/{platformCode}/provisioningEndpoints/{endpointId}/reportType/{reportType}/billingPeriod/{billingPeriod}*
URL Parameters (fields in curly {} braces)	• **organizationCode (Mandatory):** Unique Identifier of Organization. Organization Code is available on Manage Organization screen. • **platformCode (Mandatory):** PlatformCode from Platformmaster .eg:'ARM','AMAZN','VMWAR','SCVM2','GCP','CICO', etc. • **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **reportType (Mandatory):** It can be – 1.PWB for Platform Wise Billing 2.EWB for Endpoint Wise Billing 3.CWB for Catalog Wise Billing 4.CIWB fro CI Wise Billing 5.CIIWB for CI Item Wise Billing • **billingPeriod (Mandatory):** Month Year for billing report in mm-yyyy – Example – (01-2023)

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "ciId='717","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 6, "records": [{ "orgName": "hclorg", "orgEntityID": "ORG-1F7557F7-F150-44E0-824F-91B7B90788B9", "platformName": "Compute on Demand-Vcenter", "platformCode": "VMWAR", "totalCost": 396.18, "onetimeCost": 0, "dailyCost": 310, "recurringCost": 86.18, "currency": "INR", "endpointName": "VcenterDev", "endpointEntityID": "VMWAR-4ECB9769-DE5A-4047-A7AD-840088EA264A", "serviceCatalogName": "ServicePiyushNewTest", "catalogEntityId": "CAT-4222D4B9-4DCC-4328-B609-252FB3B4FDF2", "ciId": 717,

```
      "objectType": "VM",
      "serviceplan": "platinum",
      "resourceName": "0231",
      "numberOfDayBilled": "31",
      "requestNumber": "Imported",
      "os": "Windows",
      "itemName": "ServicePiyushNewTest",
      "itemQuantity": "1",
      "itemUnit": "Catalog",
      "perUnitPrice": "1110.00 Per Catalog"
    }
  ]
}
```


Response Parameters

- Result:
  - orgName
  - orgEntityId
  - platformName
  - platformCode
  - totalCost
  - onetimeCost
  - dailyCost
  - recurringCost
  - currency
  - endpointName
  - endpointEntityID
  - serviceCatalogName
  - catalogEntityId
  - cild
  - objectType
  - servicePlan
  - resourceName
  - numberOfDayBilled
  - requestNumber
  - os
  - itemNam
  - itemQuantity
  - itemUnit
  - preUnitPrice

3.4.25.3 GET the Billing Information of Organization User

Table 289 - API: Get the Billing Information of Organization User.

Element	Description
API	GetOrgBillingReportInfo
Description	API Returns the billing information of Organization user.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/reports/billing/platforms/{platformCode}/reportType/{reportType}/billingPeriod/{billingPeriod}*
URL Parameters (fields in curly {} braces)	• **platformCode (Mandatory):** PlatformCode from Platformmaster .eg:'ARM','AMAZN','VMWAR','SCVM2','GCP','CICO', etc. • **reportType (Mandatory):** It can be – 1.PWB for Platform Wise Billing 2.EWB for Endpoint Wise Billing 3.CWB for Catalog Wise Billing 4.CIWB fro CI Wise Billing 5.CIIWB for CI Item Wise Billing • **billingPeriod (Mandatory):** Month Year for billing report in mm-yyyy – Example – (01-2023) • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "cild='717","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: {

```
  "totalRecords": 6,
  "records": [
    {
      "orgName": "hclorg",
      "orgEntityID": "ORG-1F7557F7-F150-44E0-824F-
91B7B90788B9",
      "platformName": "Compute on Demand-Vcenter",
      "platformCode": "VMWAR",
      "totalCost": 396.18,
      "onetimeCost": 0,
      "dailyCost": 310,
      "recurringCost": 86.18,
      "currency": "INR",
      "endpointName": "VcenterDev",
      "c": "VMWAR-4ECB9769-DE5A-4047-A7AD-840088EA264A",
      "serviceCatalogName": "ServicePiyushNewTest",
      "catalog ": "CAT-4222D4B9-4DCC-4328-B609-
252FB3B4FDF2",
      "ciId": 717,
      "objectType": "VM",
      "serviceplan": "platinum",
      "resourceName": "0231",
      "numberOfDayBilled": "31",
      "requestNumber": "Imported",
      "os": "Windows",
      "itemName": "ServicePiyushNewTest",
      "itemQuantity": "1",
      "itemUnit": "Catalog",
      "perUnitPrice": "1110.00 Per Catalog"
    }
  ]
}
```


Response Parameters

- Result:
  - orgName
  - orgEntityId
  - platformName
  - platformCode
  - totalCost

	○ onetimeCost ○ dailyCost ○ recurringCost ○ currency ○ endpointName ○ endpointEntityID ○ serviceCatalogName ○ catalogEntityId ○ cild ○ objectType ○ servicePlan ○ resourceName ○ numberOfDayBilled ○ requestNumber ○ os ○ itemNam ○ itemQuantity ○ itemUnit ○ preUnitPrice

3.4.25.4 GET the Billing Information of Organization User And Endpointid

Table 290 – API:Get the Billing Information of Organization User And Endpointid.

Element	Description
API	GetOrgEndpointBillingReportInfo
Description	API Returns the billing information of Organization user and endpointid.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/reports/billing/platforms/{platformCode}/provisioningEndpoints/{endpointId}/reportType/{reportType}/billingPeriod/{billingPeriod}*
URL Parameters (fields in curly {} braces)	• **platformCode (Mandatory):** PlatformCode from Platformmaster .eg:'ARM','AMAZN','VMWAR','SCVM2','GCP','CICO', etc. • **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **reportType (Mandatory):** It can be – 1.PWB for Platform Wise Billing 2.EWB for Endpoint Wise Billing 3.CWB for Catalog Wise Billing 4.CIWB fro CI Wise Billing 5.CIIWB for CI Item Wise Billing • **billingPeriod (Mandatory):** Month Year for billing report in mm-yyyy – Example – (01-2023) • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "cild='717","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`"totalRecords": 6,`
	`"records": [`
	`{`
	`"orgName": "hclorg",`
	`"orgEntityID": "ORG-1F7557F7-F150-44E0-824F-91B7B90788B9",`
	`"platformName": "Compute on Demand-Vcenter",`
	`"platformCode": "VMWAR",`
	`"totalCost": 396.18,`
	`"onetimeCost": 0,`
	`"dailyCost": 310,`
	`"recurringCost": 86.18,`
	`"currency": "INR",`
	`"endpointName": "VcenterDev",`

```
      "endpointEntityID": "VMWAR-4ECB9769-DE5A-4047-A7AD-
840088EA264A",
      "serviceCatalogName": "ServicePiyushNewTest",
      "catalogEntityId": "CAT-4222D4B9-4DCC-4328-B609-
252FB3B4FDF2",
      "ciId": 717,
      "objectType": "VM",
      "serviceplan": "platinum",
      "resourceName": "0231",
      "numberOfDayBilled": "31",
      "requestNumber": "Imported",
      "os": "Windows",
      "itemName": "ServicePiyushNewTest",
      "itemQuantity": "1",
      "itemUnit": "Catalog",
      "perUnitPrice": "1110.00 Per Catalog"
    }
  ]
}
```


Response Parameters

- Result:
  - orgName
  - orgEntityId
  - platformName
  - platformCode
  - totalCost
  - onetimeCost
  - dailyCost
  - recurringCost
  - currency
  - endpointName
  - endpointEntityID
  - serviceCatalogName
  - catalogEntityId
  - ciId
  - objectType
  - servicePlan
  - resourceName
  - numberOfDayBilled

	○ requestNumber ○ os ○ itemNam ○ itemQuantity ○ itemUnit ○ preUnitPrice

3.4.26 Software Configuration

3.4.26.1 GET Software Configuration Details for Specific Configuration Type and Configuration Endpoint Name

Table 291 - API: Get Software Configuration Details for Specific Configuration Type and Configuration Endpoint Name.

Element	Description
API	GetConfigurations
Description	API Returns Software configuration details for specific configuration type and Configuration endpoint name.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/softwareConfiguration/configurationType/{configurationType}/configurationEndpointName/{configurationEndpointName}*
URL Parameters (fields in curly {} braces)	• **configurationType (Mandatory)**: Configuration type like: GIT, ANSIBLE etc. • **Configuration endpoint name (Mandatory)** • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a

	Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "totalRecords": 1, "records": [{ "configurationName": "test123", "url": "https://github.com/ xxxxxxx ", "configurationDetails": { "userName": "Number Need Username", "location": "", "authenticationProfile": "", "serverAddress": "", "provisioningEndpoint": "", "organizationMoid": "", "apiKey": "", "repositoryType": "Private", "description": "", "bladeLogicProfile": "" } }] }`

Response Parameters	• Result:
	  ○ configurationName
	  ○ url
	  ○ username
	  ○ location
	  ○ authenticationProfile
	  ○ serverAddress
	  ○ provisioningEndpoint
	  ○ organizationMoid
	  ○ apiKey
	  ○ repositoryType
	  ○ description

	○ bladeLogicProfile

3.4.26.2 GET All Software Configuration Details for Specific Configuration Type

Table 292 - API: Get Software Configuration Details for Specific Configuration Type.

Element	Description
API	GetConfigurations
Description	API Returns Software configuration details for specific configuration type.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/softwareConfiguration/configurationType/{configurationType}/configurationEndpointName/{configurationEndpointName}*
URL Parameters (fields in curly {} braces)	• **configurationType (Mandatory)**: Configuration type like: GIT, ANSIBLE etc. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "configurationName='abcd'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "totalRecords": 1, "records": [{ "configurationName": "abcd", "url": "ggyhgvhgvk",

<table>
<tr><td></td><td>

```
      "configurationDetails": {
        "userName": "",
        "location": "",
        "authenticationProfile": "",
        "serverAddress": "",
        "provisioningEndpoint": "",
        "organizationMoid": "",
        "apiKey": "",
        "repositoryType": "Public",
        "description": "",
        "bladeLogicProfile": ""
      }
    }
  ]
}
```

</td></tr>
<tr><td>Response Parameters</td><td>

- Result:
  - configurationName
  - url
  - username
  - location
  - authenticationProfile
  - serverAddress
  - provisioningEndpoint
  - organizationMoid
  - apiKey
  - repositoryType
  - description
  - bladeLogicProfile

</td></tr>
</table>

3.4.27 User

3.4.27.1 Get User Details Including Rbac and AD Groups

Table 293 - API: Get User Details Including Rbac and AD Groups.

Element	Description
API	GetLoggedinUserDetails
Description	API Returns user details including Rbac and AD Groups.

Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/user/details*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "entityId": "USER-38014F75-3B21-4211-896C-6C94F441754D", "userId": "hclprovider", "userName": "HCL Provider", "userType": "ProviderUser", "organizationName": "", "email": "hclprovider@hcl.com", "rbacGroups": [], "adGroups": [], "roles": [{ "roleId": "3", "roleName": "Provider Admin", "roleCode": "PVDA", "parentRoleCode": "", "parentRoleName": "", "isSystemRole": true }] }`

Response Parameters	• Result:
	  ○ entityId
	  ○ userId
	  ○ username
	  ○ userType
	  ○ organizationName
	  ○ email

	○ rbacGroups ○ adGroups ○ roles ○ roleId ○ roleName ○ roleCode ○ parentRoleCode ○ parentRoleName ○ isSystemRole

3.4.28 Red Hat Open Shift

3.4.28.1 Get Red Hat OpenShift Virtualization Namespace which are allocated

Table 294 – API: Get Red Hat OpenShift Virtualization Namespace which are allocated.

Element	Description
API	GetNamespace
Description	API Returns Red Hat OpenShift Virtualization Namespace which are allocated.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/namespaces*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a

	Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"platformEntityID": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D",
	"uid": "76482d20-9760-4efe-977a-bd4269b1fccb",
	"name": "test",
	"labels": {
	"kubernetes.io/metadata.name": "test",
	"pod-security.kubernetes.io/audit": "restricted",
	"pod-security.kubernetes.io/audit-version": "v1.24",
	"pod-security.kubernetes.io/warn": "restricted",
	"pod-security.kubernetes.io/warn-version": "v1.24"
	},
	"annotations": {
	"openshift.io/description": "",
	"openshift.io/display-name": "",
	"openshift.io/requester": "test",
	"openshift.io/sa.scc.mcs": "s0:c27,c24",
	"openshift.io/sa.scc.supplemental-groups": "1000750000/10000",
	"openshift.io/sa.scc.uid-range": "1000750000/10000"
	},
	"status": "Active",
	"resourceVersion": "339897",
	"createdBy": "USER-703291E7-54BE-410A-B604-3C692CD36268",
	"createdDate": "2024-08-22T07:02:14.927",
	"modifiedBy": "USER-703291E7-54BE-410A-B604-3C692CD36268"
	}

Response Parameters	• Result: ○ platformEntityID ○ uid ○ name

	○ labels ○ kubernetes.io/metadata.name ○ pod-security.kubernetes.io/audit ○ pod-security.kubernetes.io/audit-version ○ pod-security.kubernetes.io/warn ○ pod-security.kubernetes.io/warn-version ○ annotations ○ openshift.io/description ○ openshift.io/display-name ○ openshift.io/requester ○ openshift.io/sa.scc.mcs ○ openshift.io/sa.scc.supplemental-groups ○ openshift.io/sa.scc.uid-range ○ status ○ resourceVersion ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.2 Get Red Hat OpenShift Virtualization Projects which are allocated

Table 295 - API: Get Red Hat OpenShift Virtualization Projects which are allocated.

Element	Description
API	GetProjects
Description	API Returns Red Hat OpenShift Virtualization Projects which are allocated.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/projects*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"

	○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"platformEntityID": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D",
	"uid": "758436ab-3f46-4529-9eb8-036d5c993458",
	"name": "assisted-installer",
	"labels": {
	"kubernetes.io/metadata.name": "assisted-installer",
	"pod-security.kubernetes.io/audit": "privileged",
	"pod-security.kubernetes.io/enforce": "privileged",
	"pod-security.kubernetes.io/warn": "privileged",
	"security.openshift.io/scc.podSecurityLabelSync": "false"
	},
	"annotations": {
	"openshift.io/sa.scc.mcs": "s0:c1,c0",
	"openshift.io/sa.scc.supplemental-groups": "1000000000/10000",
	"openshift.io/sa.scc.uid-range": "1000000000/10000"
	},
	"status": "Active",
	"resourceVersion": "956",
	"createdBy": "USER-703291E7-54BE-410A-B604-3C692CD36268",
	"createdDate": "2024-08-22T07:02:15.473",

	"modifiedBy": "USER-703291E7-54BE-410A-B604-3C692CD36268" }
Response Parameters	• Result: ○ platformEntityID ○ uid ○ name ○ labels ○ kubernetes.io/metadata.name ○ pod-security.kubernetes.io/audit ○ pod-security.kubernetes.io/enforce ○ pod-security.kubernetes.io/warn ○ security.openshift.io/scc.podSecurityLabelSync ○ annotations ○ openshift.io/sa.scc.mcs ○ openshift.io/sa.scc.supplemental-groups ○ openshift.io/sa.scc.uid-range ○ status ○ resourceVersion ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.3 Get Red Hat OpenShift Virtualization Nodes which are allocated

Table 296 - API: Get Red Hat OpenShift Virtualization Nodes which are allocated.

Element	Description
API	GetNodes
Description	API Returns Red Hat OpenShift Virtualization Nodes which are allocated.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/nodes*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen.

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"entityID": "NODES-09DE5D11-76B1-444C-B87B-6123ACDA3740",
	"platformEntityID": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D",
	"uid": "b774098d-c054-418d-9bad-d9c966e75d07",
	"name": "openshiftxxxxxx",
	"labels": {
	"beta.kubernetes.io/arch": "amd64",
	"beta.kubernetes.io/os": "linux",
	"cpu-feature.node.kubevirt.io/3dnowprefetch": "true",
	"cpu-feature.node.kubevirt.io/abm": "true",
	"cpu-feature.node.kubevirt.io/adx": "true",
	"cpu-feature.node.kubevirt.io/aes": "true",
	"cpu-feature.node.kubevirt.io/amd-ssbd": "true",
	"cpu-feature.node.kubevirt.io/amd-stibp": "true",
	"cpu-feature.node.kubevirt.io/apic": "true",
	"cpu-feature.node.kubevirt.io/arat": "true",
	"cpu-feature.node.kubevirt.io/arch-capabilities": "true",

```
    "cpu-feature.node.kubevirt.io/avx": "true",
    "cpu-feature.node.kubevirt.io/avx2": "true",
    "cpu-feature.node.kubevirt.io/avx512bw": "true",
    "cpu-feature.node.kubevirt.io/avx512cd": "true",
    "cpu-feature.node.kubevirt.io/avx512dq": "true",
    "cpu-feature.node.kubevirt.io/avx512f": "true",
    "cpu-feature.node.kubevirt.io/avx512vl": "true",
    "cpu-feature.node.kubevirt.io/bmi1": "true",
    "cpu-feature.node.kubevirt.io/bmi2": "true",
    "cpu-feature.node.kubevirt.io/clflush": "true",
    "cpu-feature.node.kubevirt.io/clflushopt": "true",
    "cpu-feature.node.kubevirt.io/clwb": "true",
    "cpu-feature.node.kubevirt.io/cmov": "true",
    "cpu-feature.node.kubevirt.io/cx16": "true",
    "cpu-feature.node.kubevirt.io/cx8": "true",
    "cpu-feature.node.kubevirt.io/de": "true",
    "cpu-feature.node.kubevirt.io/erms": "true",
    "cpu-feature.node.kubevirt.io/f16c": "true",
    "cpu-feature.node.kubevirt.io/fma": "true",
    "cpu-feature.node.kubevirt.io/fpu": "true",
    "cpu-feature.node.kubevirt.io/fsgsbase": "true",
    "cpu-feature.node.kubevirt.io/fxsr": "true",
    "cpu-feature.node.kubevirt.io/hle": "true",
    "cpu-feature.node.kubevirt.io/hypervisor": "true",
    "cpu-feature.node.kubevirt.io/ibpb": "true",
    "cpu-feature.node.kubevirt.io/ibrs": "true",
    "cpu-feature.node.kubevirt.io/invpcid": "true",
    "cpu-feature.node.kubevirt.io/invtsc": "true",
    "cpu-feature.node.kubevirt.io/lahf_lm": "true",
    "cpu-feature.node.kubevirt.io/lm": "true",
    "cpu-feature.node.kubevirt.io/mca": "true",
    "cpu-feature.node.kubevirt.io/mce": "true",
    "cpu-feature.node.kubevirt.io/md-clear": "true",
    "cpu-feature.node.kubevirt.io/mmx": "true",
    "cpu-feature.node.kubevirt.io/movbe": "true",
    "cpu-feature.node.kubevirt.io/mpx": "true",
    "cpu-feature.node.kubevirt.io/msr": "true",
    "cpu-feature.node.kubevirt.io/mtrr": "true",
    "cpu-feature.node.kubevirt.io/nx": "true",
```

```
    "cpu-feature.node.kubevirt.io/pae": "true",
    "cpu-feature.node.kubevirt.io/pat": "true",
    "cpu-feature.node.kubevirt.io/pcid": "true",
    "cpu-feature.node.kubevirt.io/pclmuldq": "true",
    "cpu-feature.node.kubevirt.io/pdcm": "true",
    "cpu-feature.node.kubevirt.io/pdpe1gb": "true",
    "cpu-feature.node.kubevirt.io/pge": "true",
    "cpu-feature.node.kubevirt.io/pku": "true",
    "cpu-feature.node.kubevirt.io/pni": "true",
    "cpu-feature.node.kubevirt.io/popcnt": "true",
    "cpu-feature.node.kubevirt.io/pschange-mc-no":
"true",
    "cpu-feature.node.kubevirt.io/pse": "true",
    "cpu-feature.node.kubevirt.io/pse36": "true",
    "cpu-feature.node.kubevirt.io/rdrand": "true",
    "cpu-feature.node.kubevirt.io/rdseed": "true",
    "cpu-feature.node.kubevirt.io/rdtscp": "true",
    "cpu-feature.node.kubevirt.io/rsba": "true",
    "cpu-feature.node.kubevirt.io/rtm": "true",
    "cpu-feature.node.kubevirt.io/sep": "true",
    "cpu-feature.node.kubevirt.io/skip-l1dfl-vmentry":
"true",
    "cpu-feature.node.kubevirt.io/smap": "true",
    "cpu-feature.node.kubevirt.io/smep": "true",
    "cpu-feature.node.kubevirt.io/spec-ctrl": "true",
    "cpu-feature.node.kubevirt.io/ss": "true",
    "cpu-feature.node.kubevirt.io/ssbd": "true",
    "cpu-feature.node.kubevirt.io/sse": "true",
    "cpu-feature.node.kubevirt.io/sse2": "true",
    "cpu-feature.node.kubevirt.io/sse4.1": "true",
    "cpu-feature.node.kubevirt.io/sse4.2": "true",
    "cpu-feature.node.kubevirt.io/ssse3": "true",
    "cpu-feature.node.kubevirt.io/stibp": "true",
    "cpu-feature.node.kubevirt.io/syscall": "true",
    "cpu-feature.node.kubevirt.io/tsc": "true",
    "cpu-feature.node.kubevirt.io/tsc-deadline": "true",
    "cpu-feature.node.kubevirt.io/tsc_adjust": "true",
    "cpu-feature.node.kubevirt.io/umip": "true",
    "cpu-feature.node.kubevirt.io/vme": "true",
```

```
    "cpu-feature.node.kubevirt.io/vmx": "true",
    "cpu-feature.node.kubevirt.io/x2apic": "true",
    "cpu-feature.node.kubevirt.io/xgetbv1": "true",
    "cpu-feature.node.kubevirt.io/xsave": "true",
    "cpu-feature.node.kubevirt.io/xsavec": "true",
    "cpu-feature.node.kubevirt.io/xsaveopt": "true",
    "cpu-feature.node.kubevirt.io/xsaves": "true",
    "cpu-model-migration.node.kubevirt.io/Broadwell":
"true",
    "cpu-model-migration.node.kubevirt.io/Broadwell-
IBRS": "true",
    "cpu-model-migration.node.kubevirt.io/Broadwell-
noTSX": "true",
    "cpu-model-migration.node.kubevirt.io/Broadwell-
noTSX-IBRS": "true",
    "cpu-model-migration.node.kubevirt.io/Haswell":
"true",
    "cpu-model-migration.node.kubevirt.io/Haswell-IBRS":
"true",
    "cpu-model-migration.node.kubevirt.io/Haswell-noTSX":
"true",
    "cpu-model-migration.node.kubevirt.io/Haswell-noTSX-
IBRS": "true",
    "cpu-model-migration.node.kubevirt.io/IvyBridge":
"true",
    "cpu-model-migration.node.kubevirt.io/IvyBridge-
IBRS": "true",
    "cpu-model-migration.node.kubevirt.io/Nehalem":
"true",
    "cpu-model-migration.node.kubevirt.io/Nehalem-IBRS":
"true",
    "cpu-model-migration.node.kubevirt.io/Penryn":
"true",
    "cpu-model-migration.node.kubevirt.io/SandyBridge":
"true",
    "cpu-model-migration.node.kubevirt.io/SandyBridge-
IBRS": "true",
    "cpu-model-migration.node.kubevirt.io/Skylake-
Client": "true",
```

```
    "cpu-model-migration.node.kubevirt.io/Skylake-Client-
IBRS": "true",
    "cpu-model-migration.node.kubevirt.io/Skylake-Client-
noTSX-IBRS": "true",
    "cpu-model-migration.node.kubevirt.io/Skylake-
Server": "true",
    "cpu-model-migration.node.kubevirt.io/Skylake-Server-
IBRS": "true",
    "cpu-model-migration.node.kubevirt.io/Skylake-Server-
noTSX-IBRS": "true",
    "cpu-model-migration.node.kubevirt.io/Westmere":
"true",
    "cpu-model-migration.node.kubevirt.io/Westmere-IBRS":
"true",
    "cpu-model.node.kubevirt.io/Broadwell": "true",
    "cpu-model.node.kubevirt.io/Broadwell-IBRS": "true",
    "cpu-model.node.kubevirt.io/Broadwell-noTSX": "true",
    "cpu-model.node.kubevirt.io/Broadwell-noTSX-IBRS":
"true",
    "cpu-model.node.kubevirt.io/Haswell": "true",
    "cpu-model.node.kubevirt.io/Haswell-IBRS": "true",
    "cpu-model.node.kubevirt.io/Haswell-noTSX": "true",
    "cpu-model.node.kubevirt.io/Haswell-noTSX-IBRS":
"true",
    "cpu-model.node.kubevirt.io/IvyBridge": "true",
    "cpu-model.node.kubevirt.io/IvyBridge-IBRS": "true",
    "cpu-model.node.kubevirt.io/Nehalem": "true",
    "cpu-model.node.kubevirt.io/Nehalem-IBRS": "true",
    "cpu-model.node.kubevirt.io/Penryn": "true",
    "cpu-model.node.kubevirt.io/SandyBridge": "true",
    "cpu-model.node.kubevirt.io/SandyBridge-IBRS":
"true",
    "cpu-model.node.kubevirt.io/Skylake-Client": "true",
    "cpu-model.node.kubevirt.io/Skylake-Client-IBRS":
"true",
    "cpu-model.node.kubevirt.io/Skylake-Client-noTSX-
IBRS": "true",
    "cpu-model.node.kubevirt.io/Skylake-Server": "true",
```

```
    "cpu-model.node.kubevirt.io/Skylake-Server-IBRS":
"true",
    "cpu-model.node.kubevirt.io/Skylake-Server-noTSX-
IBRS": "true",
    "cpu-model.node.kubevirt.io/Westmere": "true",
    "cpu-model.node.kubevirt.io/Westmere-IBRS": "true",
    "node.kubevirt.io/assignable": "true",
    "node.kubevirt.io/numactrl": "true",
    "node.kubevirt.io/numactrls": "true",
    "node.kubevirt.io/ssd": "true",
    "node.kubevirt.io/virtio-scsi": "true",
    "node.kubevirt.io/vnc": "true",
    "node.kubevirt.io/virtio-blk": "true",
    "node.kubevirt.io/virtio-net": "true",
    "node.kubevirt.io/virtio-vsock": "true",
    "node.kubevirt.io/virtio-serial": "true"
  },
  "annotations": {
    "csi.volume.kubernetes.io/nodeid": {
      "infinibox-csi-driver":
"openshiftxxxxxx$$zzzz.zz.zzz."
    },
    "k8s.ovn.org/host-cidrs": [
      "zzzzz.zzz.zzz"
    ],
    "k8s.ovn.org/l3-gateway-config": {
      "default": {
        "mode": "shared",
        "Interface-id": "br-ex_openshiftxxxxxx",
        "mac-address": "00:25:b5:01:aa:40",
        "ip-addresses": [
          "xx.xx.xx.xx/xx"
        ],
        "ip-address": "xx.xx.xx.xx/xx ",
        "next-hops": [
          "xx.xx.xx.xx "
        ],
        "next-hop": "172.30.0.1",
        "node-port-enable": "true",
```

```
        "vlan-id": "0"
      }
    },
    "k8s.ovn.org/network-ids": {
      "default": "0"
    },
    "k8s.ovn.org/node-chassis-id": "308d3d66-8921-493c-
b10f-73696d28dd23",
    "k8s.ovn.org/node-gateway-router-lrp-ifaddr": {
      "ipv4": "100.64.0.2/16"
    },
    "k8s.ovn.org/node-id": "2",
    "k8s.ovn.org/node-mgmt-port-mac-address": "36:
d4:3c:4c:c9:33",
    "k8s.ovn.org/node-primary-ifaddr": {
      "ipv4": "xx.xx.xx.xx/xx "
    },
    "k8s.ovn.org/node-subnets": {
      "default": [
        "xx.xx.xx.xx/xx "
      ]
    },
    "k8s.ovn.org/node-transit-switch-port-ifaddr": {
      "ipv4": "xx.xx.xx.xx/xx "
    },
    "k8s.ovn.org/remote-zone-migrated": "xxxxxx",
    "k8s.ovn.org/zone-name": "xxxxxx",
    "kubevirt.io/heartbeat": "2024-08-26T08:30:33Z",
    "kubevirt.io/ksm-handler-managed": "false",

"machineconfiguration.openshift.io/controlPlaneTopology":
"SingleReplica",
    "machineconfiguration.openshift.io/currentConfig":
"rendered-master-82974972f03c601c665eec00ed468cf4",
    "machineconfiguration.openshift.io/desiredConfig":
"rendered-master-82974972f03c601c665eec00ed468cf4",
    "machineconfiguration.openshift.io/desiredDrain":
"uncordon-rendered-master-
82974972f03c601c665eec00ed468cf4",
```

```
    "machineconfiguration.openshift.io/lastAppliedDrain":
"uncordon-rendered-master-
82974972f03c601c665eec00ed468cf4",

"machineconfiguration.openshift.io/lastSyncedControllerCo
nfigResourceVersion": "132589414",
    "machineconfiguration.openshift.io/reason": "",
    "machineconfiguration.openshift.io/state": "Done",
    "volumes.kubernetes.io/controller-managed-attach-
detach": "true"
  },
  "resourceVersion": "140504638",
  "hostName": "openshiftxxxxxx",
  "internalIp": "172.30.0.11",
  "capacity": {
    "bridge.network.kubevirt.io/br1": "1k",
    "cpu": "72",
    "devices.kubevirt.io/kvm": "1k",
    "devices.kubevirt.io/tun": "1k",
    "devices.kubevirt.io/vhost-net": "1k",
    "ephemeral-storage": "291400684Ki",
    "hugepages-1Gi": "0",
    "hugepages-2Mi": "0",
    "memory": "527837460Ki",
    "pods": "250"
  },
  "allocatable": {
    "bridge.network.kubevirt.io/br1": "1k",
    "cpu": "71500m",
    "devices.kubevirt.io/kvm": "1k",
    "devices.kubevirt.io/tun": "1k",
    "devices.kubevirt.io/vhost-net": "1k",
    "ephemeral-storage": "267481128106",
    "hugepages-1Gi": "0",
    "hugepages-2Mi": "0",
    "memory": "526686484Ki",
    "pods": "250"
  },
  "nodeRule": null,
```

```
  "isActive": null,
  "createdBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268",
  "createdDate": "2024-08-22T07:02:18.223",
  "modifiedBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268"
}
```


Response Parameters

- Result:
  - entityID
  - platformEntityID
  - uid
  - name
  - labels
  - beta.kubernetes.io/arch
  - beta.kubernetes.io/os
  - cpu-feature.node.kubevirt.io/3dnowprefetch
  - cpu-feature.node.kubevirt.io/abm
  - cpu-feature.node.kubevirt.io/adx
  - cpu-feature.node.kubevirt.io/aes
  - cpu-feature.node.kubevirt.io/amd-ssbd
  - cpu-feature.node.kubevirt.io/amd-stibp
  - cpu-feature.node.kubevirt.io/apic
  - cpu-feature.node.kubevirt.io/arat
  - cpu-feature.node.kubevirt.io/arch-capabilities
  - cpu-feature.node.kubevirt.io/avx
  - cpu-feature.node.kubevirt.io/avx2
  - cpu-feature.node.kubevirt.io/avx512bw
  - cpu-feature.node.kubevirt.io/avx512cd
  - cpu-feature.node.kubevirt.io/avx512dq
  - cpu-feature.node.kubevirt.io/avx512f
  - cpu-feature.node.kubevirt.io/avx512vl
  - cpu-feature.node.kubevirt.io/bmi1
  - cpu-feature.node.kubevirt.io/bmi2
  - cpu-feature.node.kubevirt.io/clflush
  - cpu-feature.node.kubevirt.io/clflushopt
  - cpu-feature.node.kubevirt.io/clwb
  - cpu-feature.node.kubevirt.io/cmov
  - cpu-feature.node.kubevirt.io/cx16

- cpu-feature.node.kubevirt.io/cx8
- cpu-feature.node.kubevirt.io/de
- cpu-feature.node.kubevirt.io/erms
- cpu-feature.node.kubevirt.io/f16c
- cpu-feature.node.kubevirt.io/fma
- cpu-feature.node.kubevirt.io/fpu
- cpu-feature.node.kubevirt.io/fsgsbase
- cpu-feature.node.kubevirt.io/fxsr
- cpu-feature.node.kubevirt.io/hle
- cpu-feature.node.kubevirt.io/hypervisor
- cpu-feature.node.kubevirt.io/ibpb
- cpu-feature.node.kubevirt.io/ibrs
- cpu-feature.node.kubevirt.io/invpcid
- cpu-feature.node.kubevirt.io/invtsc
- cpu-feature.node.kubevirt.io/lahf_lm
- cpu-feature.node.kubevirt.io/lm
- cpu-feature.node.kubevirt.io/mca
- cpu-feature.node.kubevirt.io/mce
- cpu-feature.node.kubevirt.io/md-clear
- cpu-feature.node.kubevirt.io/mmx
- cpu-feature.node.kubevirt.io/movbe
- cpu-feature.node.kubevirt.io/mpx
- cpu-feature.node.kubevirt.io/msr
- cpu-feature.node.kubevirt.io/mtrr
- cpu-feature.node.kubevirt.io/nx
- cpu-feature.node.kubevirt.io/pae
- cpu-feature.node.kubevirt.io/pat
- cpu-feature.node.kubevirt.io/pcid
- cpu-feature.node.kubevirt.io/pclmuldq
- cpu-feature.node.kubevirt.io/pdcm
- cpu-feature.node.kubevirt.io/pdpe1gb
- cpu-feature.node.kubevirt.io/pge
- cpu-feature.node.kubevirt.io/pku
- cpu-feature.node.kubevirt.io/pni
- cpu-feature.node.kubevirt.io/popcnt
- cpu-feature.node.kubevirt.io/pschange-mc-no
- cpu-feature.node.kubevirt.io/pse
- cpu-feature.node.kubevirt.io/pse36

- cpu-feature.node.kubevirt.io/rdrand
- cpu-feature.node.kubevirt.io/rdseed
- cpu-feature.node.kubevirt.io/rdtscp
- cpu-feature.node.kubevirt.io/rsba
- cpu-feature.node.kubevirt.io/rtm
- cpu-feature.node.kubevirt.io/sep
- cpu-feature.node.kubevirt.io/skip-l1dfl-vmentry
- cpu-feature.node.kubevirt.io/smap
- cpu-feature.node.kubevirt.io/smep
- cpu-feature.node.kubevirt.io/spec-ctrl
- cpu-feature.node.kubevirt.io/ss
- cpu-feature.node.kubevirt.io/ssbd
- cpu-feature.node.kubevirt.io/sse
- cpu-feature.node.kubevirt.io/sse2
- cpu-feature.node.kubevirt.io/sse4.1
- cpu-feature.node.kubevirt.io/sse4.2
- cpu-feature.node.kubevirt.io/ssse3
- cpu-feature.node.kubevirt.io/stibp
- cpu-feature.node.kubevirt.io/syscall
- cpu-feature.node.kubevirt.io/tsc
- cpu-feature.node.kubevirt.io/tsc-deadline
- cpu-feature.node.kubevirt.io/tsc_adjust
- cpu-feature.node.kubevirt.io/umip
- cpu-feature.node.kubevirt.io/vme
- cpu-feature.node.kubevirt.io/vmx
- cpu-feature.node.kubevirt.io/x2apic
- cpu-feature.node.kubevirt.io/xgetbv1
- cpu-feature.node.kubevirt.io/xsave
- cpu-feature.node.kubevirt.io/xsavec
- cpu-feature.node.kubevirt.io/xsaveopt
- cpu-feature.node.kubevirt.io/xsaves
- cpu-model-migration.node.kubevirt.io/Broadwell
- cpu-model-migration.node.kubevirt.io/Broadwell-IBRS
- cpu-model-migration.node.kubevirt.io/Broadwell-noTSX
- cpu-model-migration.node.kubevirt.io/Broadwell-noTSX-IBRS
- cpu-model-migration.node.kubevirt.io/Haswell
- cpu-model-migration.node.kubevirt.io/Haswell-IBRS
- cpu-model-migration.node.kubevirt.io/Haswell-noTSX

- cpu-model-migration.node.kubevirt.io/Haswell-noTSX-IBRS
- cpu-model-migration.node.kubevirt.io/IvyBridge
- cpu-model-migration.node.kubevirt.io/IvyBridge-IBRS
- cpu-model-migration.node.kubevirt.io/Nehalem
- cpu-model-migration.node.kubevirt.io/Nehalem-IBRS
- cpu-model-migration.node.kubevirt.io/Penryn
- cpu-model-migration.node.kubevirt.io/SandyBridge
- cpu-model-migration.node.kubevirt.io/SandyBridge-IBRS
- cpu-model-migration.node.kubevirt.io/Skylake-Client
- cpu-model-migration.node.kubevirt.io/Skylake-Client-IBRS
- cpu-model-migration.node.kubevirt.io/Skylake-Client-noTSX-IBRS
- cpu-model-migration.node.kubevirt.io/Skylake-Server
- cpu-model-migration.node.kubevirt.io/Skylake-Server-IBRS
- cpu-model-migration.node.kubevirt.io/Skylake-Server-noTSX-IBRS
- cpu-model-migration.node.kubevirt.io/Westmere
- cpu-model-migration.node.kubevirt.io/Westmere-IBRS
- cpu-model.node.kubevirt.io/Broadwell
- cpu-model.node.kubevirt.io/Broadwell-IBRS
- cpu-model.node.kubevirt.io/Broadwell-noTSX
- cpu-model.node.kubevirt.io/Broadwell-noTSX-IBRS
- cpu-model.node.kubevirt.io/Haswell
- cpu-model.node.kubevirt.io/Haswell-IBRS
- cpu-model.node.kubevirt.io/Haswell-noTSX
- cpu-model.node.kubevirt.io/Haswell-noTSX-IBRS
- cpu-model.node.kubevirt.io/IvyBridge
- cpu-model.node.kubevirt.io/IvyBridge-IBRS
- cpu-model.node.kubevirt.io/Nehalem
- cpu-model.node.kubevirt.io/Nehalem-IBRS
- cpu-model.node.kubevirt.io/Penryn
- cpu-model.node.kubevirt.io/SandyBridge
- cpu-model.node.kubevirt.io/SandyBridge-IBRS
- cpu-model.node.kubevirt.io/Skylake-Client
- cpu-model.node.kubevirt.io/Skylake-Client-IBRS
- cpu-model.node.kubevirt.io/Skylake-Client-noTSX-IBRS
- cpu-model.node.kubevirt.io/Skylake-Server
- cpu-model.node.kubevirt.io/Skylake-Server-IBRS
- cpu-model.node.kubevirt.io/Skylake-Server-noTSX-IBRS
- cpu-model.node.kubevirt.io/Westmere

- cpu-model.node.kubevirt.io/Westmere-IBRS
- node.kubevirt.io/assignable
- node.kubevirt.io/numactrl
- node.kubevirt.io/numactrls
- node.kubevirt.io/ssd
- node.kubevirt.io/virtio-scsi
- node.kubevirt.io/vnc
- node.kubevirt.io/virtio-blk
- node.kubevirt.io/virtio-net
- node.kubevirt.io/virtio-vsock
- node.kubevirt.io/virtio-serial
- annotations
- csi.volume.kubernetes.io/nodeid
- k8s.ovn.org/host-cidrs
- k8s.ovn.org/l3-gateway-config
- k8s.ovn.org/network-ids
- k8s.ovn.org/node-chassis-id
- k8s.ovn.org/node-gateway-router-lrp-ifaddr
- k8s.ovn.org/node-id
- k8s.ovn.org/node-mgmt-port-mac-address
- k8s.ovn.org/node-primary-ifaddr
- k8s.ovn.org/node-subnets
- k8s.ovn.org/node-transit-switch-port-ifaddr
- k8s.ovn.org/remote-zone-migrated
- k8s.ovn.org/zone-name
- kubevirt.io/heartbeat
- kubevirt.io/ksm-handler-managed
- machineconfiguration.openshift.io/controlPlaneTopology
- machineconfiguration.openshift.io/currentConfig
- machineconfiguration.openshift.io/desiredConfig
- machineconfiguration.openshift.io/desiredDrain
- machineconfiguration.openshift.io/lastAppliedDrain
- machineconfiguration.openshift.io/lastSyncedControllerConfigResource
- machineconfiguration.openshift.io/reason
- machineconfiguration.openshift.io/state
- volumes.kubernetes.io/controller-managed-attach-detach
- resourceVersion
- hostName

	○ internalIp ○ capacity ○ bridge.network.kubevirt.io/br1 ○ cpu ○ devices.kubevirt.io/kvm ○ devices.kubevirt.io/tun ○ devices.kubevirt.io/vhost-net ○ ephemeral-storage ○ hugepages-1Gi ○ hugepages-2Mi ○ memory ○ pods ○ allocatable ○ bridge.network.kubevirt.io/br1 ○ cpu ○ devices.kubevirt.io/kvm ○ devices.kubevirt.io/tun ○ devices.kubevirt.io/vhost-net ○ ephemeral-storage ○ hugepages-1Gi ○ hugepages-2Mi ○ memory ○ pods ○ nodeRule ○ isActive ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.4 Get Red Hat OpenShift Virtualization Templates which are allocated

Table 297 - API: Get Red Hat OpenShift Virtualization Templates which are allocated.

Element	Description
API	GetTemplate
Description	API Returns Red Hat OpenShift Virtualization Templates which are allocated.
Method	GET

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/templates*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"entityID": "TEMP-AE57BE1D-40BA-492E-84DA-134310FF0D43",
	"platformEntityID": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D",
	"uid": "08556a9b-649f-4ebf-97ef-98be64abb170",
	"name": "example",
	"nameSpaceName": "default",
	"nameSpaceUid": "d26c681e-0d18-43fe-80bf-ec2ff1ca1d40",
	"labels": {
	"os.template.kubevirt.io/fedora": "true",
	"template.kubevirt.io/type": "vm",
	"workload.template.kubevirt.io/server": "true"
	},
	"annotations": {

```
    "description": "VM template example",
    "iconClass": "icon-fedora",
    "name.os.template.kubevirt.io/fedora": "Fedora",
    "openshift.io/display-name": "Fedora VM"
  },
  "flavour": "small",
  "os": "fedora",
  "workload": "server",
  "volumes": [
    {
      "name": "rootdisk",
      "containerDisk": {
        "image": "registry.redhat.io/container-native-
virtualization/virtio-win-
rhel9@sha256:077e155806a3541ef2d6c0ea3bf87bc7491a51cb1197
be4991cf0da13eadefab"
      }
    },
    {
      "cloudInitNoCloud": {
        "userData": "#cloud-config\nuser:
fedora\npassword: '${CLOUD_USER_PASSWORD}'\nchpasswd:
{ expire: False }"
      },
      "name": "cloudinitdisk"
    },
    {
      "name": "disk-tomato-chameleon-80",
      "persistentVolumeClaim": {
        "claimName": "win2k22-purple-boar-57"
      }
    }
  ],
  "machineType": "q35",
  "networkDetails": {
    "cloudInitNoCloud": {
      "userData": "#cloud-config\nuser: fedora\npassword:
'${CLOUD_USER_PASSWORD}'\nchpasswd: { expire: False }"
    },
```

```
    "name": "cloudinitdisk",
    "nicdetails": [
      {
        "name": "default",
        "pod": {},
        "model": "virtio",
        "masquerade": {}
      }
    ]
  },
  "dataVolumes": [],
  "isActive": "N",
  "createdBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268",
  "createdDate": "2024-08-22T07:02:18.24",
  "modifiedBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268"
}
```


Response Parameters

- Result:
  - entityID
  - platformEntityID
  - uid
  - name
  - nameSpaceName
  - nameSpaceUid
  - labels
  - os.template.kubevirt.io/fedora
  - template.kubevirt.io/type
  - workload.template.kubevirt.io/server
  - annotations
  - description
  - iconClass
  - name.os.template.kubevirt.io/fedora
  - openshift.io/display-name
  - flavour
  - os
  - workload
  - volumes

	○ name ○ containerDisk.image ○ cloudInitNoCloud.userData ○ persistentVolumeClaim.claimName ○ machineType ○ networkDetails ○ cloudInitNoCloud.userData ○ nicdetails ○ name ○ pod ○ model ○ masquerade ○ dataVolumes ○ isActive ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.5 Get Red Hat OpenShift Virtualization Persistent Volumes which are allocated

Table 298 - API: Get Red Hat OpenShift Virtualization Persistent Volumes which are allocated.

Element	Description
API	GetPersistentVolumes
Description	API Returns Red Hat OpenShift Virtualization Persistent Volumes which are allocated.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/persistentvolumes*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'"

	○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"entityId": "PERSVOL-04EC97E7-CD57-4EE7-AED7-0B7EA6189AC4",
	"platformEntityId": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D",
	"uid": "6c9fc09b-33c0-4a6f-971c-18b21367c04f",
	"name": "iscsi-pv",
	"labels": "",
	"annotations": {
	"pv.kubernetes.io/bound-by-controller": "yes"
	},
	"status": "Bound",
	"storage": "50",
	"storageType": "Gi",
	"storageClassName": "lvmocp05sc",
	"volumeNode": null,
	"accessMode": null,
	"persistentVolumeReclaimPolicy": null,
	"nfsServer": "",
	"nfsPath": "",
	"isActive": null,
	"createdBy": "USER-703291E7-54BE-410A-B604-3C692CD36268",
	"createdDate": "2024-08-22T07:02:16.693",

	"modifiedBy": "USER-703291E7-54BE-410A-B604-3C692CD36268" }
Response Parameters	• Result: ○ entityId ○ platformEntityId ○ uid ○ name ○ labels ○ annotations ○ pv.kubernetes.io/bound-by-controller ○ status ○ storage ○ storageType ○ storageClassName ○ volumeNode ○ accessMode ○ persistentVolumeReclaimPolicy ○ nfsServer ○ nfsPath ○ isActive ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.6 Get Red Hat OpenShift Virtualization Storage Class which are allocated

Table 299 - API: Get Red Hat OpenShift Virtualization Storage Class which are allocated.

Element	Description
API	GetStorageClass
Description	API Returns Red Hat OpenShift Virtualization Storage Class which are allocated.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/storageclasses*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"entityId": "STRCLASS-B483F88A-6881-4D3A-ACB6-4DEAE4B34D16",
	"platformEntityId": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D",
	"uid": "141b1f82-9bfa-4809-b728-b98e05068aca",
	"name": "lvmocp05sc",
	"annotations": {
	"description": "lvmocp05sc"
	},
	"provisioner": "infinibox-csi-driver",
	"reclaimPolicy": "Delete",
	"allowVolumeExpansion": "true",
	"volumeBindingMode": "Immediate",
	"fsType": "",
	"deviceClass": "",
	"isActive": null,

<table>
<tr><td></td><td><pre>
  "createdBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268",
  "createdDate": "2024-08-22T07:02:14.927",
  "modifiedBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268"
}
</pre></td></tr>
<tr><td>Response Parameters</td><td>

Result:

entityId
platformEntityId
uid
name
annotations
description
provisioner
reclaimPolicy
allowVolumeExpansion
volumeBindingMode
fsType
deviceClass
isActive
createdBy
createdDate
modifiedBy

</td></tr>
</table>

3.4.28.7 Get Red Hat OpenShift Virtualization Virtual Machines which are allocated

Table 300 - API: Get Red Hat OpenShift Virtualization Virtual Machines which are allocated.

Element	Description
API	GetVirtualMachine
Description	API Returns Red Hat OpenShift Virtualization Virtual Machines which are allocated.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/virtualmachines*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	`{`
	`  "entityId": "INST-C58915AA-C47E-4B1E-B2B3-1722F324474F",`
	`  "platformEntityId": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D",`
	`  "uid": "f0b015f3-3186-451d-92e5-7287d5a5d272",`
	`  "name": "centos7-coffee-grasshopper-10",`
	`  "nameSpaceName": "default",`
	`  "nameSpaceUid": "d26c681e-0d18-43fe-80bf-ec2ff1ca1d40",`
	`  "labels": {`
	`  "app": "centos7-coffee-grasshopper-10",`
	`  "vm.kubevirt.io/template": "centos7-server-small",`
	`  "vm.kubevirt.io/template.namespace": "openshift",`
	`  "vm.kubevirt.io/template.revision": "1",`
	`  "vm.kubevirt.io/template.version": "v0.27.0"`
	`  },`
	`  "annotations": {`

```
    "kubevirt.io/latest-observed-api-version": "v1",
    "kubevirt.io/storage-observed-api-version": "v1",
    "vm.kubevirt.io/validations": [
      {
        "name": "minimal-required-memory",
        "path": "jsonpath::.spec.domain.memory.guest",
        "rule": "integer",
        "message": "This VM requires more memory.",
        "min": 1073741824
      }
    ]
  },
  "status": "Running",
  "resourceVersion": "135549936",
  "dataVolumeTemplate": "",
  "templateAnnotations": {
    "vm.kubevirt.io/flavor": "small",
    "vm.kubevirt.io/os": "centos7",
    "vm.kubevirt.io/workload": "server"
  },
  "cpu": {
    "cores": 1,
    "sockets": 1,
    "threads": 1
  },
  "disks": [
    {
      "disk": {
        "bus": "virtio"
      },
      "name": "rootdisk"
    },
    {
      "disk": {
        "bus": "virtio"
      },
      "name": "cloudinitdisk"
    },
    {
```

```
      "disk": {
        "bus": "virtio"
      },
      "name": "disk-teal-fowl-40"
    }
  ],
  "interfaces": [
    {
      "macAddress": "",
      "masquerade": {},
      "model": "virtio",
      "name": "default"
    }
  ],
  "machineType": "pc-q35-rhel9.2.0",
  "hostName": "",
  "networks": [
    {
      "name": "default",
      "pod": {}
    }
  ],
  "memory": "2",
  "memoryType": "Gi",
  "volumes": [
    {
      "dataVolume": {
        "name": "centos7-coffee-grasshopper-10"
      },
      "name": "rootdisk"
    },
    {
      "cloudInitNoCloud": {
        "userData": "#cloud-config\nuser:
centos\npassword: qdmd-7utc-5wph\nchpasswd: { expire:
False }"
      },
      "name": "cloudinitdisk"
    },
```

```
    {
      "dataVolume": {
        "name": "centos7-coffee-grasshopper-10-disk-teal-
fowl-40"
      },
      "name": "disk-zzzz-fowl-40"
    }
  ],
  "volumeSnapshotStatus": [
    {
      "enabled": false,
      "name": "roozzzztdisk",
      "reason": "No VolumeSnapshotClass: Volume snapshots
are not configured for this StorageClass [nfs-client]
[rootdisk]"
    },
    {
      "enabled": false,
      "name": "cloudzzzinitdisk",
      "reason": "Snapshot is not supported for this
volumeSource type [cloudinitdisk]"
    },
    {
      "enabled": false,
      "name": "disk-teal-fowl-40",
      "reason": "No VolumeSnapshotClass: Volume snapshots
are not configured for this StorageClass [nfs-client]
[disk-teal-fowl-40]"
    }
  ],
  "isActive": null,
  "createdBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268",
  "createdDate": "2024-08-22T07:50:47.76",
  "modifiedBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268"
}
```

Response Parameters	• Result:
	  ○ entityId
	  ○ platformEntityId
	  ○ uid
	  ○ name
	  ○ nameSpaceName
	  ○ nameSpaceUid
	  ○ labels
	  ○ app
	  ○ vm.kubevirt.io/template
	  ○ vm.kubevirt.io/template.namespace
	  ○ vm.kubevirt.io/template.revision
	  ○ vm.kubevirt.io/template.version
	  ○ annotations
	  ○ kubevirt.io/latest-observed-api-version
	  ○ kubevirt.io/storage-observed-api-version
	  ○ vm.kubevirt.io/validations
	  ○ status
	  ○ resourceVersion
	  ○ dataVolumeTemplate
	  ○ templateAnnotations
	  ○ vm.kubevirt.io/flavor
	  ○ vm.kubevirt.io/os
	  ○ vm.kubevirt.io/workload
	  ○ cpu
	  ○ cores
	  ○ sockets
	  ○ threads
	  ○ disks
	  ○ disk
	  ○ name
	  ○ macAddress
	  ○ masquerade
	  ○ model
	  ○ name
	  ○ machineType
	  ○ hostName
	  ○ networks

	○ name ○ pod ○ memory ○ memoryType ○ volumes ○ dataVolume ○ name ○ cloudInitNoCloud ○ userData ○ volumeSnapshotStatus ○ enabled ○ name ○ reason ○ isActive ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.8 Get Red Hat OpenShift Virtualization Persistent Volume Claim which are allocated

Table 301 – API: Get Red Hat OpenShift Virtualization Persistent Volume Claim which are allocated.

Element	Description
API	GetPersistentVolumnsClaim
Description	API Returns Red Hat OpenShift Virtualization Persistent Volume Claim which are allocated.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/persistentvolumeclaims*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:

	○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"entityId": "PERSVOLCLM-F0A61E7E-A7BB-4062-BE9A-AC4AAD4CF742",
	"platformEntityId": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D",
	"uid": "6e5ea57e-366b-49ec-a8d9-befcd2cd91f6",
	"name": "centos7-coffee-grasshopper-10",
	"nameSpaceName": "default",
	"nameSpaceUid": "d26c681e-0d18-43fe-80bf-ec2ff1ca1d40",
	"labels": {
	"alerts.k8s.io/KubePersistentVolumeFillingUp": "disabled",
	"app": "containerized-data-importer",
	"app.kubernetes.io/component": "storage",
	"app.kubernetes.io/managed-by": "cdi-controller",
	"app.kubernetes.io/part-of": "hyperconverged-cluster",
	"app.kubernetes.io/version": "4.15.4",
	"instancetype.kubevirt.io/default-instancetype": "u1.medium",
	"instancetype.kubevirt.io/default-preference": "centos.7",

```
    "kubevirt.io/created-by": "f0b015f3-3186-451d-92e5-
7287d5a5d272"
  },
  "annotations": {
    "cdi.kubevirt.io/cloneFallbackReason": "In tree
storage class does not support snapshot/clone",
    "cdi.kubevirt.io/cloneType": "copy",
    "cdi.kubevirt.io/createdForDataVolume": "48691d38-
b4e6-40ca-afbe-0040f547f13a",
    "cdi.kubevirt.io/storage.clone.token":
"eyJhbGciOiJQUzI1NiJ9.eyJleHAiOjE3MjM0NzM2MTksImlhdCI6MTc
yMzQ3MzMxOSwiaXNzIjoiY2RpLWFwaXNlcnZlciIsIm5hbWUiOiJjZW50
b3M3LTAyYWE0NWZiY2JhZCIsIm5hbWVzcGFjZSI6Im9wZW5zaGlmdC12a
XJ0dWFsaXphdGlvbi1vcy1pbWFnZXMiLCJuYmYiOjE3MjM0NzMzMTksIm
9wZXJhdGlvbiI6IkNsb25lIiwicGFyYW1zIjp7InRhcmdldE5hbWUiOiJ
jZW50b3M3LWNvZmZlZS1ncmFzc2hvcHBlci0xMCIsInRhcmdldE5hbWVz
cGFjZSI6ImRlZmF1bHQifSwicmVzb3VyY2UiOnsiZ3JvdXAiOiIiLCJyZ
XNvdXJjZSI6InBlcnNpc3RlbnR2b2x1bWVjbGFpbXMiLCJ2ZXJzaW9uIj
oidjEifX0.l0deIzkpl65h_1iobQt1grNF-
GSuVrOZctzFx5SzvAtYbKWUkkYS2eT3G8yu2i8Il8f79N-
ODH9aX0X4xFVWzi6pdtyp_7YJx9DwVffuenWwlmmgggKbZgrlhwWqzRoo
AUtalgmxhS5G2ge6891Pw5DUijD4fveiEZi3Z1vk8Ou1NKI8Ut09uGesi
NwFqCOK79ELIrVNlar5ESZ7A9pHlTLNx7rDlGLjKsgK5RhrnFjgLpLosM
zvs8HBn0Qtu8B6IG0rHxNxZKSIDc7h0w290K4NlASk1pswvNI244lAaem
iltxsp_S5UTQfAs57N0IL-v6Rd8iFuk8KR1-h07OJtg",
    "cdi.kubevirt.io/storage.condition.running": "false",
    "cdi.kubevirt.io/storage.condition.running.message":
"Clone Complete",
    "cdi.kubevirt.io/storage.condition.running.reason":
"Completed",
    "cdi.kubevirt.io/storage.condition.source.running":
"true",

"cdi.kubevirt.io/storage.condition.source.running.message
": "Clone Complete",

"cdi.kubevirt.io/storage.condition.source.running.reason"
: "Completed",
    "cdi.kubevirt.io/storage.contentType": "kubevirt",
```

```
    "cdi.kubevirt.io/storage.extended.clone.token":
"eyJhbGciOiJQUzI1NiJ9.eyJleHAiOjIwMzg4MzMzMTksImlhdCI6MTc
yMzQ3MzMxOSwiaXNzIjoiY2RpLWRlcGxveW1lbnQiLCJuYW1lIjoiY2Vu
dG9zNy0wMmFhNDVmYmNiYWQiLCJuYW1lc3BhY2UiOiJvcGVuc2hpZnQtd
mlydHVhbGl6YXRpb24tb3MtaW1hZ2VzIiwibmJmIjoxNzIzNDczMzE5LC
JvcGVyYXRpb24iOiJDbG9uZSIsInBhcmFtcyI6eyJ0YXJnZXROYW1lIjo
iY2VudG9zNy1jb2ZmZWUtZ3Jhc3Nob3BwZXItMTAiLCJ0YXJnZXROYW1l
c3BhY2UiOiJkZWZhdWx0IiwidWlkIjoiNmU1ZWE1N2UtMzY2Yi00OWVjL
WE4ZDktYmVmY2QyY2Q5MWY2In0sInJlc291cmNlIjp7Imdyb3VwIjoiIi
wicmVzb3VyY2UiOiJwZXJzaXN0ZW50dm9sdW1lY2xhaW1zIiwidmVyc2l
vbiI6InYxIn19.veM1Jz-trzjINxv3uU_PlkFuJUHSj-
11aAkTmb5zx4YX5a9UOXM9iouai034ppGNUv8Smn6jokXDqJBnuRVmbuh
T6BanKiKWAoLIttNqkrfh33qEHf2hYdMptv_wyXI95BCrdXdP4LEZ5xBV
cirgZ8I3jazdl_ING4dT9cOfDN22nweh-
_12SjcnHME0cl1v0PH4aXCczCBv6n6tDFTFZmnIRRqZAt0IPYSyA9GA67
ohaXz-F8Nv_VOKb-
Zfwj0Kacq7mOqnFTrApWE70dMIMXk2_uwQRZ6gJ30PqgRAudrAWf3cs5f
XtHlMktIS11cyNIsXZaRVyDXOWs_ET6lbiQ",
    "cdi.kubevirt.io/storage.pod.phase": "Succeeded",
    "cdi.kubevirt.io/storage.pod.ready": "false",
    "cdi.kubevirt.io/storage.pod.restarts": "0",
    "cdi.kubevirt.io/storage.preallocation.requested":
"false",
    "cdi.kubevirt.io/storage.sourceClonePodName":
"6e5ea57e-366b-49ec-a8d9-befcd2cd91f6-source-pod",
    "cdi.kubevirt.io/storage.uploadPodName": "cdi-upload-
centos7-coffee-grasshopper-10",
    "cdi.kubevirt.io/storage.usePopulator": "false",
    "cdi.kubevirt.io/uploadClientName": "openshift-
virtualization-os-images/centos7-02aa45fbcbad-
default/centos7-coffee-grasshopper-10",
    "k8s.io/CloneOf": "true",
    "k8s.io/CloneRequest": "openshift-virtualization-os-
images/centos7-02aa45fbcbad",
    "pv.kubernetes.io/bind-completed": "yes",
    "pv.kubernetes.io/bound-by-controller": "yes",
    "volume.beta.kubernetes.io/storage-provisioner":
"cluster.local/nfs-subdir-external-provisioner",
```

```
    "volume.kubernetes.io/storage-provisioner":
"cluster.local/nfs-subdir-external-provisioner"
  },
  "status": "Bound",
  "storage": "34087042032",
  "storageType": "",
  "storageClassName": "nfs-client",
  "volumeNode": "Filesystem",
  "accessMode": null,
  "isActive": null,
  "createdBy": "USER-703291E7-54,
   "createdDate": "2024-08-22T07:50:47.777",
   "modifiedBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268"
    }
```


Response Parameters

- Result:
  - entityId
  - platformEntityId
  - uid
  - name
  - nameSpaceName
  - nameSpaceUid
  - labels
  - alerts.k8s.io/KubePersistentVolumeFillingUp
  - app
  - app.kubernetes.io/component
  - app.kubernetes.io/managed-by
  - app.kubernetes.io/part-of
  - app.kubernetes.io/version
  - instancetype.kubevirt.io/default-instancetype
  - instancetype.kubevirt.io/default-preference
  - kubevirt.io/created-by
  - annotations
  - cdi.kubevirt.io/cloneFallbackReason
  - cdi.kubevirt.io/cloneType
  - cdi.kubevirt.io/createdForDataVolume
  - cdi.kubevirt.io/storage.clone.token
  - cdi.kubevirt.io/storage.condition.running

- cdi.kubevirt.io/storage.condition.running.message
- cdi.kubevirt.io/storage.condition.running.reason
- cdi.kubevirt.io/storage.condition.source.running
- cdi.kubevirt.io/storage.condition.source.running.message
- cdi.kubevirt.io/storage.condition.source.running.reason
- cdi.kubevirt.io/storage.contentType
- cdi.kubevirt.io/storage.extended.clone.token
- cdi.kubevirt.io/storage.pod.phase
- cdi.kubevirt.io/storage.pod.ready
- cdi.kubevirt.io/storage.pod.restarts
- cdi.kubevirt.io/storage.preallocation.requested
- cdi.kubevirt.io/storage.sourceClonePodName
- cdi.kubevirt.io/storage.uploadPodName
- cdi.kubevirt.io/storage.usePopulator
- cdi.kubevirt.io/uploadClientName
- k8s.io/CloneOf
- k8s.io/CloneRequest
- pv.kubernetes.io/bind-completed
- pv.kubernetes.io/bound-by-controller
- volume.beta.kubernetes.io/storage-provisioner
- volume.kubernetes.io/storage-provisioner
- status
- storage
- storageType
- storageClassName
- volumeNode
- accessMode
- isActive
- createdBy
- createdDate
- modifiedBy

3.4.28.9 Get Red Hat OpenShift Virtualization Config Maps which are allocated

Table 302 - API: Get Red Hat OpenShift Virtualization Config Maps which are allocated.

Element	Description

API	GetConfigMaps
Description	API Returns Red Hat OpenShift Virtualization Config Maps which are allocated.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/configmaps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "entityId": "CONFIGMAPS-ECE98343-E66E-4875-A327-863A170FCD13", "platformEntityId": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D", "uid": "460b0602-acd3-401b-9867-00c985b7e550", "name": "cdi-apiserver-signer-bundle", "nameSpaceName": "openshift-cnv", "nameSpaceUid": "1e2ab2b4-8b3e-4e62-b4f4-f26d3733480e", "data": [{

```
      "KeyName": "ca-bundle.crt"
    }
  ],
  "isActive": null,
  "createdBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268",
  "createdDate": "2024-08-22T07:50:50.043",
  "modifiedBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268"
}
```


Response Parameters	• Result: ○ entityId ○ platformEntityId ○ uid ○ name ○ nameSpaceName ○ nameSpaceUid ○ data ○ KeyName ○ isActive ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.10 Get Red Hat OpenShift Virtualization Network Attachment in endpoint and mapped with filtered

Table 303 - API: Get Red Hat OpenShift Virtualization Network Attachment in endpoint and mapped with filtered.

Element	Description
API	GetNetworkAttachment
Description	API Returns Red Hat OpenShift Virtualization Network Attachment in endpoint and mapped with filtered.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/networkattachments*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: { "entityId": "NTWATTACH-31E09031-190A-4CB2-8207-DDD57674B684", "platformEntityId": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D", "uid": "c5c83ad0-2254-4a7a-a47d-7e859afbd6f7", "name": "net-80", "nameSpaceName": "default", "nameSpaceUid": "d26c681e-0d18-43fe-80bf-ec2ff1ca1d40", "config": "cnv-bridge", "cniVersion": "0.3.1", "bridge": "br1", "vlan": "80", "macspoofchk": "true", "ipam": "", "isActive": null,

	"createdBy": "USER-703291E7-54BE-410A-B604-3C692CD36268", "createdDate": "2024-08-22T07:51:22.49", "modifiedBy": "USER-703291E7-54BE-410A-B604-3C692CD36268" }
Response Parameters	• Result: ○ entityId ○ platformEntityId ○ uid ○ name ○ nameSpaceName ○ nameSpaceUid ○ config ○ cniVersion ○ bridge ○ vlan ○ macspoofchk ○ ipam ○ isActive ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.11 Get Red Hat OpenShift Virtualization Secrets which are allocated

Table 304 - API: Get Red Hat OpenShift Virtualization Secrets which are allocated.

Element	Description
API	GetSecrets
Description	API Returns Red Hat OpenShift Virtualization Secrets which are allocated.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/secrets*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"entityId": "SECRETS-D03808CA-0C94-4CAC-BCCD-FBEE101BBE7C",
	"platformEntityId": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D",
	"uid": "0bc74b26-7c80-4c40-8d05-ba9d6baffca8",
	"name": "aaq-operator-dockercfg-n7w4g",
	"nameSpaceName": "openshift-cnv",
	"nameSpaceUid": "1e2ab2b4-8b3e-4e62-b4f4-f26d3733480e",
	"data": {
	".dockercfg": "eyIxOTIuMTY4LjI0Ni4xMDY6NTAwMCI6eyJ1c2Vybm"
	},
	"type": "kubernetes.io/dockercfg",
	"isActive": null,
	"createdBy": "USER-703291E7-54BE-410A-B604-3C692CD36268",

	"createdDate": "2024-08-22T07:50:50.137", "modifiedBy": "USER-703291E7-54BE-410A-B604-3C692CD36268" }
Response Parameters	• Result: ○ entityId ○ platformEntityId ○ uid ○ name ○ nameSpaceName ○ nameSpaceUid ○ data ○ dockercfg ○ type ○ isActive ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.12 Get Red Hat OpenShift Virtualization Templates with Namespace which are allocated and filtered with Namespace

Table 305 - API: Get Red Hat OpenShift Virtualization Templates with Namespace which are allocated and filtered with Namespace.

Element	Description
API	GetTemplatewithNamespace
Description	API Returns Red Hat OpenShift Virtualization Templates with Namespace which are allocated and filtered with Namespace.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/namespace/{namespaceid}/templates*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **namespaceid (Mandatory):** Unique namespace id or Unique namespace name.

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"entityID": "TEMP-AE57BE1D-40BA-492E-84DA-134310FF0D43",
	"platformEntityID": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D",
	"uid": "08556a9b-649f-4ebf-97ef-98be64abb170",
	"name": "example",
	"nameSpaceName": "default",
	"nameSpaceUid": "d26c681e-0d18-43fe-80bf-ec2ff1ca1d40",
	"labels": {
	"os.template.kubevirt.io/fedora": "true",
	"template.kubevirt.io/type": "vm",
	"workload.template.kubevirt.io/server": "true"
	},
	"annotations": {
	"description": "VM template example",
	"iconClass": "icon-fedora",
	"name.os.template.kubevirt.io/fedora": "Fedora",
	"openshift.io/display-name": "Fedora VM"
	},

```
  "flavour": "small",
  "os": "fedora",
  "workload": "server",
  "volumes": [
    {
      "name": "rootdisk",
      "containerDisk": {
        "image": "registry.redhat.io/container-native-
virtualization/virtio-win-
rhel9@sha256:077e155806a3541ef2d6c0ea3bf87bc7491a51cb1197
be4991cf0da13eadefab"
      }
    },
    {
      "cloudInitNoCloud": {
        "userData": "#cloud-config\nuser:
fedora\npassword: '${CLOUD_USER_PASSWORD}'\nchpasswd:
{expire: False }"
      },
      "name": "cloudinitdisk"
    },
    {
      "name": "disk-tomato-chameleon-80",
      "persistentVolumeClaim": {
        "claimName": "win2k22-purple-boar-57"
      }
    }
  ],
  "machineType": "q35",
  "networkDetails": {
    "cloudInitNoCloud": {
      "userData": "#cloud-config\nuser: fedora\npassword:
'${CLOUD_USER_PASSWORD}'\nchpasswd: { expire: False }"
    },
    "name": "cloudinitdisk",
    "nicdetails": [
      {
        "name": "default",
        "pod": {},
```

```
        "model": "virtio",
        "masquerade": {}
      }
    ]
  },
  "dataVolumes": "[]",
  "isActive": "N",
  "createdBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268",
  "createdDate": "2024-08-22T07:02:18.24",
  "modifiedBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268"
}
```


Response Parameters

- Result:
  - entityID
  - platformEntityID
  - uid
  - name
  - nameSpaceName
  - nameSpaceUid
  - labels
  - os.template.kubevirt.io/fedora
  - template.kubevirt.io/type
  - workload.template.kubevirt.io/server
  - annotations
  - description
  - iconClass
  - name.os.template.kubevirt.io/fedora
  - openshift.io/display-name
  - flavour
  - os
  - workload
  - volumes
  - name
  - containerDisk
  - image
  - cloudInitNoCloud.
  - userData

	○ persistentVolumeClaim ○ claimName ○ machineType ○ networkDetails ○ cloudInitNoCloud ○ userData ○ name ○ nicdetails ○ name ○ pod ○ model ○ masquerade ○ dataVolumes ○ isActive ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.13 Get Red Hat OpenShift Virtualization Virtual Machine with Namespace which are allocated and filtered with Namespace

Table 306 - API: Get Red Hat OpenShift Virtualization Virtual Machine with Namespace which are allocated and filtered with Namespace.

Element	Description
API	GetVirtualMachinewithNamespace
Description	API Returns Red Hat OpenShift Virtualization Virtual Machine with Namespace which are allocated and filtered with Namespace.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/namespace/{namespaceid}/virtualmachines*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **namespaceid (Mandatory):** Unique namespace id or Unique namespace name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows:

	○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	{
	"entityId": "INST-C58915AA-C47E-4B1E-B2B3-1722F324474F",
	"platformEntityId": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D",
	"uid": "f0b015f3-3186-451d-92e5-7287d5a5d272",
	"name": "centos7-coffee-grasshopper-10",
	"nameSpaceName": "default",
	"nameSpaceUid": "d26c681e-0d18-43fe-80bf-ec2ff1ca1d40",
	"labels": {
	"app": "centos7-coffee-grasshopper-10",
	"vm.kubevirt.io/template": "centos7-server-small",
	"vm.kubevirt.io/template.namespace": "openshift",
	"vm.kubevirt.io/template.revision": "1",
	"vm.kubevirt.io/template.version": "v0.27.0"
	},
	"annotations": {
	"kubevirt.io/latest-observed-api-version": "v1",
	"kubevirt.io/storage-observed-api-version": "v1",
	"vm.kubevirt.io/validations": "[\n {\n \"name\": \"minimal-required-memory\",\n \"path\": \"jsonpath::.spec.domain.memory.guest\",\n \"rule\":

```
\"integer\",\n    \"message\": \"This VM requires more
memory.\",\n    \"min\": 1073741824\n  }\n]\n"
  },
  "status": "Running",
  "resourceVersion": "135549936",
  "dataVolumeTemplate": "",
  "templateAnnotations": {
    "vm.kubevirt.io/flavor": "small",
    "vm.kubevirt.io/os": "centos7",
    "vm.kubevirt.io/workload": "server"
  },
  "cpu": {
    "cores": 1,
    "sockets": 1,
    "threads": 1
  },
  "disks": [
    {
      "disk": {
        "bus": "virtio"
      },
      "name": "rootdisk"
    },
    {
      "disk": {
        "bus": "virtio"
      },
      "name": "cloudinitdisk"
    },
    {
      "disk": {
        "bus": "virtio"
      },
      "name": "disk-teal-fowl-40"
    }
  ],
  "interfaces": [
    {
      "macAddress": "",
```

```
      "masquerade": {},
      "model": "virtio",
      "name": "default"
    }
  ],
  "machineType": "pc-q35-rhel9.2.0",
  "hostName": "",
  "networks": [
    {
      "name": "default",
      "pod": {}
    }
  ],
  "memory": "2",
  "memoryType": "Gi",
  "volumes": [
    {
      "dataVolume": {
        "name": "centos7-coffee-grasshopper-10"
      },
      "name": "rootdisk"
    },
    {
      "cloudInitNoCloud": {
        "userData": "#cloud-config\nuser:
centos\npassword: zzzzz.zzzz.zz\nchpasswd: { expire:
False }"
      },
      "name": "cloudinitdisk"
    },
    {
      "dataVolume": {
        "name": "centos7-coffee-grasshopper-10-disk-teal-
fowl-40"
      },
      "name": "disk-teal-fowl-40"
    }
  ],
  "volumeSnapshotStatus": [
```

```
    {
      "enabled": false,
      "name": "rootdisk",
      "reason": "No VolumeSnapshotClass: Volume snapshots
are not configured for this StorageClass [nfs-client]
[rootdisk]"
    },
    {
      "enabled": false,
      "name": "cloudinitdisk",
      "reason": "Snapshot is not supported for this
volumeSource type [cloudinitdisk]"
    },
    {
      "enabled": false,
      "name": "disk-teal-fowl-40",
      "reason": "No VolumeSnapshotClass: Volume snapshots
are not configured for this StorageClass [nfs-client]
[disk-teal-fowl-40]"
    }
  ],
  "isActive": null,
  "createdBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268",
  "createdDate": "2024-08-22T07:50:47.76",
  "modifiedBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268"
}
```


Response Parameters

- Result:
  - entityId
  - platformEntityId
  - uid
  - name
  - nameSpaceName
  - nameSpaceUid
  - labels
  - app
  - vm.kubevirt.io/template

- vm.kubevirt.io/template.namespace
- vm.kubevirt.io/template.revision
- vm.kubevirt.io/template.version
- annotations.
- kubevirt.io/latest-observed-api-version
- kubevirt.io/storage-observed-api-version
- vm.kubevirt.io/validations
- status
- resourceVersion
- dataVolumeTemplate
- templateAnnotations
- vm.kubevirt.io/flavor
- vm.kubevirt.io/os
- vm.kubevirt.io/workload
- cpu
- cores
- sockets
- threads
- disks
- disk
- bus
- name
- interfaces
- macAddress
- masquerade
- model
- name
- machineType
- hostName
- networks
- name
- pod
- memory
- memoryType
- volumes
- dataVolume
- name
- cloudInitNoCloud

	○ userData ○ name ○ volumeSnapshotStatus ○ enabled ○ name ○ reason ○ isActive ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.14 Get Red Hat OpenShift Virtualization Persistent Volumes Claim with Namespace which are allocated and filtered with Namespace

Table 307 – API: Get Red Hat OpenShift Virtualization Persistent Volumes with Namespace which are allocated and filtered with Namespace.

Element	Description
API	GetPersistentVolumnsClaimwithNamespace
Description	API Returns Red Hat OpenShift Virtualization Persistent Volumes with Namespace which are allocated and filtered with Namespace.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/namespace/{namespaceid}/persistentvolumeclaims*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **namespaceid (Mandatory):** Unique namespace id or Unique namespace name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10"

	For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	A Sample Response:
	
	{
	"entityId": "PERSVOLCLM-D9D131E6-3BAD-4CF4-B33B-17213744B38F",
	"platformEntityId": "OCP-C5E26138-7E86-407C-8666-8909360ADB4D",
	"uid": "e6f406b8-ea1d-4df0-89e8-5d1b8abd170d",
	"name": "centos7-coffee-grasshopper-10-disk-teal-fowl-40",
	"nameSpaceName": "default",
	"nameSpaceUid": "d26c681e-0d18-43fe-80bf-ec2ff1ca1d40",
	"labels": {
	"alerts.k8s.io/KubePersistentVolumeFillingUp": "disabled",
	"app": "containerized-data-importer",
	"app.kubernetes.io/component": "storage",
	"app.kubernetes.io/managed-by": "cdi-controller",
	"app.kubernetes.io/part-of": "hyperconverged-cluster",
	"app.kubernetes.io/version": "4.15.4",
	"kubevirt.io/created-by": "f0b015f3-3186-451d-92e5-7287d5a5d272"
	},
	"annotations": {
	"cdi.kubevirt.io/createdForDataVolume": "810a403b-0efd-4f3b-a5f5-084f2232ee64",
	"cdi.kubevirt.io/storage.condition.running": "false",
	"cdi.kubevirt.io/storage.condition.running.message": "Import Complete",

```
    "cdi.kubevirt.io/storage.condition.running.reason":
"Completed",
    "cdi.kubevirt.io/storage.contentType": "kubevirt",
    "cdi.kubevirt.io/storage.import.importPodName":
"importer-centos7-coffee-grasshopper-10-disk-teal-fowl-
40",
    "cdi.kubevirt.io/storage.import.source": "none",
    "cdi.kubevirt.io/storage.pod.phase": "Succeeded",
    "cdi.kubevirt.io/storage.pod.restarts": "0",
    "cdi.kubevirt.io/storage.preallocation.requested":
"false",
    "cdi.kubevirt.io/storage.usePopulator": "false",
    "pv.kubernetes.io/bind-completed": "yes",
    "pv.kubernetes.io/bound-by-controller": "yes",
    "volume.beta.kubernetes.io/storage-provisioner":
"cluster.local/nfs-subdir-external-provisioner",
    "volume.kubernetes.io/storage-provisioner":
"cluster.local/nfs-subdir-external-provisioner"
  },
  "status": "Bound",
  "storage": "1136234735",
  "storageType": "",
  "storageClassName": "nfs-client",
  "volumeNode": "Filesystem",
  "accessMode": null,
  "isActive": null,
  "createdBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268",
  "createdDate": "2024-08-22T07:50:47.777",
  "modifiedBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268"
}
```


Response Parameters

- Result:
  - entityId
  - platformEntityId
  - uid
  - name
  - nameSpaceName

- nameSpaceUid
- labels
- alerts.k8s.io/KubePersistentVolumeFillingUp
- app
- app.kubernetes.io/component
- app.kubernetes.io/managed-by
- app.kubernetes.io/part-of
- app.kubernetes.io/version
- kubevirt.io/created-by
- annotations
- cdi.kubevirt.io/createdForDataVolume
- cdi.kubevirt.io/storage.condition.running
- cdi.kubevirt.io/storage.condition.running.message
- cdi.kubevirt.io/storage.condition.running.reason
- cdi.kubevirt.io/storage.contentType
- cdi.kubevirt.io/storage.import.importPodName
- cdi.kubevirt.io/storage.import.source
- cdi.kubevirt.io/storage.pod.phase
- cdi.kubevirt.io/storage.pod.restarts
- cdi.kubevirt.io/storage.preallocation.requested
- cdi.kubevirt.io/storage.usePopulator
- pv.kubernetes.io/bind-completed
- pv.kubernetes.io/bound-by-controller
- volume.beta.kubernetes.io/storage-provisioner
- volume.kubernetes.io/storage-provisioner
- status
- storage
- storageType
- storageClassName
- volumeNode
- accessMode
- isActive
- createdBy
- createdDate
- modifiedBy

3.4.28.15 Get Red Hat OpenShift Virtualization Config Maps with Namespace which are allocated and filtered with Namespace

Table 308 - API: Get Red Hat OpenShift Virtualization Config Maps with Namespace which are allocated and filtered with Namespace.

Element	Description
API	GetConfigMapswithNamespace
Description	API Returns Red Hat OpenShift Virtualization Config Maps with Namespace which are allocated and filtered with Namespace.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/ namespace/{namespaceid}/ configmaps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **namespaceid (Mandatory):** Unique namespace id or Unique namespace name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{ "entityId": "CONFIGMAPS-F566D22B-9913-483A-8D82-6E79B24E5CC6",`

```
  "platformEntityId": "OCP-C5E26138-7E86-407C-8666-
8909360ADB4D",
  "uid": "5ec5709d-04e0-470b-b2b6-ce4ecfde81ca",
  "name": "install-windows-configmap",
  "nameSpaceName": "default",
  "nameSpaceUid": "d26c681e-0d18-43fe-80bf-ec2ff1ca1d40",
  "data": [
    {
      "KeyName": "clone-dv.yaml"
    },
    {
      "KeyName": "clone-pvc.yaml"
    },
    {
      "KeyName": "windows-install.yaml"
    }
  ],
  "isActive": null,
  "createdBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268",
  "createdDate": "2024-08-22T07:50:50.043",
  "modifiedBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268"
}
```


Response Parameters

- Result:
  - entityId
  - platformEntityId
  - uid
  - name
  - nameSpaceName
  - nameSpaceUid
  - data
  - KeyName
  - isActive
  - createdBy
  - createdDate
  - modifiedBy

3.4.28.16 Get Red Hat OpenShift Virtualization Network Attachment with Namespace which are allocated and filtered with Namespace

Table 309 - API: Get Red Hat OpenShift Virtualization Network Attachment with Namespace which are allocated and filtered with Namespace.

Element	Description
API	GetNetworkAttachmentwithNamespace
Description	API Returns Red Hat OpenShift Virtualization Network Attachment with Namespace which are allocated and filtered with Namespace.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/namespace/{namespaceid}/networkattachments*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **namespaceid (Mandatory):** Unique namespace id or Unique namespace name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{`

```
  "entityId": "NTWATTACH-31E09031-190A-4CB2-8207-
DDD57674B684",
  "platformEntityId": "OCP-C5E26138-7E86-407C-8666-
8909360ADB4D",
  "uid": "c5c83ad0-2254-4a7a-a47d-7e859afbd6f7",
  "name": "net-80",
  "nameSpaceName": "default",
  "nameSpaceUid": "d26c681e-0d18-43fe-80bf-ec2ff1ca1d40",
  "config": "cnv-bridge",
  "cniVersion": "0.3.1",
  "bridge": "br1",
  "vlan": "80",
  "macspoofchk": "true",
  "ipam": "",
  "isActive": null,
  "createdBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268",
  "createdDate": "2024-08-22T07:51:22.49",
  "modifiedBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268"
}
```


Response Parameters

- Result:
  - entityId
  - platformEntityId
  - uid
  - name
  - nameSpaceName
  - nameSpaceUid
  - config
  - cniVersion
  - bridge
  - vlan
  - macspoofchk
  - ipam
  - isActive
  - createdBy
  - createdDate
  - modifiedBy

3.4.28.17 Get Red Hat OpenShift Virtualization Secrets with Namespace which are allocated and filtered with Namespace

Table 310 - API: Get Red Hat OpenShift Virtualization Secrets with Namespace which are allocated and filtered with Namespace.

Element	Description
API	GetSecretswithNamespace
Description	API Returns Red Hat OpenShift Virtualization Secrets with Namespace which are allocated and filtered with Namespace.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/namespace/{namespaceid}/secrets*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **namespaceid (Mandatory):** Unique namespace id or Unique namespace name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `{`

```
  "entityId": "SECRETS-0276F110-9911-4C32-96E6-
3374E28DF22C",
  "platformEntityId": "OCP-C5E26138-7E86-407C-8666-
8909360ADB4D",
  "uid": "8265d745-80df-4913-9a02-116671cc07c7",
  "name": "builder-dockercfg-g5fqx",
  "nameSpaceName": "default",
  "nameSpaceUid": "d26c681e-0d18-43fe-80bf-ec2ff1ca1d40",
  "data": "{\r\n        \".dockercfg\":
\"NWNIWTBVRlU9In19\"\r\n      }",
  "type": "kubernetes.io/dockercfg",
  "isActive": null,
  "createdBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268",
  "createdDate": "2024-08-22T07:50:50.137",
  "modifiedBy": "USER-703291E7-54BE-410A-B604-
3C692CD36268"
}
```


Response Parameters	• Result: ○ entityId ○ platformEntityId ○ uid ○ name ○ nameSpaceName ○ nameSpaceUid ○ data ○ type ○ isActive ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.18 Reserves and returns IPaddress for an object i.e. IP will be blocked in passed network

Table 311 - API: Release and returns IPaddress for an object i.e. IP will be blocked in passed network

Element	Description

API	ReserveAndGetOCPFreeIpDetails
Description	API Reserves and returns IPaddress for an object i.e. IP will be blocked in passed network.
Method	POST
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/networks/{networkEntityId}/freeIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **networkEntityId (Mandatory):** Unique Identifier of Network available on Resource Detail screen.
Body Parameters	`{ "objectId": "string", "nicPrefix": "string" }` • **Objectid (Mandatory):** This is a unique identifier of Resource like VM -Virtual Machine, LB-Load Balancer etc. • **Nicprefix**: Prefix of IP addresses such as NIC1, NIC2.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.28.19 Releases blocked/reserved IPaddress

Table 312 - API: Releases blocked/reserved IPaddress

Element	Description
API	ReleaseIP
Description	API Releases blocked/reserved IPaddress.
Method	POST

URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/networks/{networkEntityId}/releaseIps*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** This is a unique identifier of Cloud Endpoint created in HCL BigFix CLM. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **networkEntityId (Mandatory):** Unique Identifier of Network available on Resource Detail screen.
Body Parameters	`{ "ipAddress": "string", "comments": "string" }` • **ipAddress (Mandatory):** Ipaddress to release. • **comments**: Comments related to usage.
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM APIs is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	A Sample Response: `"Success"`
Response Parameters	

3.4.28.20 Get Red Hat OpenShift Container Platform Image Streams with Namespace

Table 313 - API: Get Image Streams with Namespace.

Element	Description
API	GetImageStreamsWithNamespace
Description	Returns Red Hat OpenShift Container Platform Image Stream with Namespace which are allocated Provisioning Endpoint and fileterd with Namespace.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/namespace/{namespaceid}/imageStreams*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **namespaceid (Mandatory):** Unique namespace id or Unique namespace name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 1, "records": [{ "resourceVersion": "string", "generation": "string", "labels": {}, "spec": {}, "dockerImageRepository": "string", "publicDockerImageRepository": "string",

```
  "tags": {},
  "entityId": "string",
  "platformEntityId": "string",
  "uid": "string",
  "name": "string",
  "nameSpaceName": "string",
  "nameSpaceUid": "string",
  "createdBy": "string",
  "createdDate": "2025-02-03T12:30:51.835Z",
  "modifiedBy": "string"
 }
]
}
```


Response Parameters

- Result:
  - resourceVersion
  - generation
  - labels,
  - spec,
  - dockerImageRepository,
  - publicDockerImageRepository,
  - tags,
  - entityId,
  - platformEntityId,
  - uid,
  - name,
  - nameSpaceName,
  - nameSpaceUid
  - createdBy
  - createdDate

	○ modifiedBy

3.4.28.21 Get Red Hat OpenShift Container Platform Pods

Table 314 - API: Get Pods.

Element	Description
API	GetPods
Description	Returns Red Hat OpenShift Container Platform Pods which are allocated Provisioning Endpoint
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/pods*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 0, "records": [{

```
      "generateName": "string",
      "resourceVersion": "string",
      "annotations": {},
      "ownerReferences": {},
      "volumes": {},
      "containers": {},
      "restartPolicy": "string",
      "dnsPolicy": "string",
      "serviceAccountName": "string",
      "serviceAccount": "string",
      "nodeName": "string",
      "securityContext": {},
      "imagePullSecrets": {},
      "statusPhase": "string",
      "statusConditions": {},
      "hostIP": "string",
      "podIP": "string",
      "podIPs": {},
      "entityId": "string",
      "platformEntityId": "string",
      "uid": "string",
      "name": "string",
      "nameSpaceName": "string",
      "nameSpaceUid": "string",
      "createdBy": "string",
      "createdDate": "2025-02-10T07:02:54.000Z",
      "modifiedBy": "string"
    }
  ]
}
```


Response Parameters

- Result:
  - generateName
  - resourceVersion
  - annotations
  - ownerReferences
  - volumes
  - containers
  - restartPolicy

	○ dnsPolicy ○ serviceAccountName ○ serviceAccount ○ nodeName ○ securityContext ○ imagePullSecrets ○ statusPhase ○ statusConditions ○ hostIP ○ podIP ○ podIPs ○ entityId, ○ platformEntityId ○ uid ○ name ○ nameSpaceName ○ nameSpaceUid ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.22 Get Red Hat OpenShift Container Platform Pods with Namespace

Table 315 - API: Get Pods with Namespace.

Element	Description
API	GetPodsWithNamespace
Description	Returns Red Hat OpenShift Container Platform Pods with Namespace which are allocated Provisioning Endpoint and fileterd with Namespace.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/namespace/{namespaceid}/pods*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **namespaceid (Mandatory):** Unique namespace id or Unique namespace name.

	• **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 0, "records": [{ "generateName": "string", "resourceVersion": "string", "annotations": {}, "ownerReferences": {}, "volumes": {}, "containers": {}, "restartPolicy": "string", "dnsPolicy": "string", "serviceAccountName": "string", "serviceAccount": "string", "nodeName": "string", "securityContext": {}, "imagePullSecrets": {}, "statusPhase": "string", "statusConditions": {}, "hostIP": "string", "podIP": "string", "podIPs": {},

```
      "entityId": "string",
      "platformEntityId": "string",
      "uid": "string",
      "name": "string",
      "nameSpaceName": "string",
      "nameSpaceUid": "string",
      "createdBy": "string",
      "createdDate": "2025-02-10T07:02:54.000Z",
      "modifiedBy": "string"
    }
  ]
}
```


Response Parameters

- Result:
  - generateName
  - resourceVersion
  - annotations
  - ownerReferences
  - volumes
  - containers
  - restartPolicy
  - dnsPolicy
  - serviceAccountName
  - serviceAccount
  - nodeName
  - securityContext
  - imagePullSecrets
  - statusPhase
  - statusConditions
  - hostIP
  - podIP
  - podIPs
  - entityId,
  - platformEntityId
  - uid
  - name
  - nameSpaceName
  - nameSpaceUid
  - createdBy

	○ createdDate ○ modifiedBy

3.4.28.23 Get Red Hat OpenShift Container Platform Deployments

Table 316 - API: Get Deployments.

Element	Description
API	GetDeployments
Description	Returns Red Hat OpenShift Container Platform Deployments which are allocated Provisioning Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/deployments*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 0, "records": [

```
    {
      "resourceVersion": "string",
      "generation": "string",
      "annotations": {},
      "replica": "string",
      "selector": {},
      "strategyType": "string",
      "maxUnavailable": "string",
      "maxSurge": "string",
      "observedGeneration": 0,
      "replicas": 0,
      "updatedReplicas": 0,
      "readyReplicas": 0,
      "availableReplicas": 0,
      "entityId": "string",
      "platformEntityId": "string",
      "uid": "string",
      "name": "string",
      "nameSpaceName": "string",
      "nameSpaceUid": "string",
      "createdBy": "string",
      "createdDate": "2025-02-10T07:02:54.019Z",
      "modifiedBy": "string"
    }
  ]
}
```


Response Parameters

- Result:
  - resourceVersion
  - generation
  - annotations
  - replica
  - selector
  - strategyType
  - maxUnavailable
  - maxSurge
  - observedGeneration
  - replicas
  - updatedReplicas

	○ readyReplicas ○ availableReplicas ○ entityId ○ platformEntityId ○ uid ○ name ○ nameSpaceName ○ nameSpaceUid ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.24 Get Red Hat OpenShift Container Platform Deployments with Namespace

Table 317 - API: Get Deployments with Namespace.

Element	Description
API	GetDeploymentsWithNamespace
Description	Returns Red Hat OpenShift Container Platform Deployments with Namespace which are allocated Provisioning Endpoint and fileterd with Namespace.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/namespace/{namespaceid}/deployments*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **namespaceid (Mandatory):** Unique namespace id or Unique namespace name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".

	○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": [
	{
	"resourceVersion": "string",
	"generation": "string",
	"annotations": {},
	"replica": "string",
	"selector": {},
	"strategyType": "string",
	"maxUnavailable": "string",
	"maxSurge": "string",
	"observedGeneration": 0,
	"replicas": 0,
	"updatedReplicas": 0,
	"readyReplicas": 0,
	"availableReplicas": 0,
	"entityId": "string",
	"platformEntityId": "string",
	"uid": "string",
	"name": "string",
	"nameSpaceName": "string",
	"nameSpaceUid": "string",
	"createdBy": "string",
	"createdDate": "2025-02-10T07:02:54.019Z",
	"modifiedBy": "string"
	}
	]
	}

Response Parameters	• Result: ○ resourceVersion ○ generation ○ annotations ○ replica ○ selector ○ strategyType ○ maxUnavailable ○ maxSurge ○ observedGeneration ○ replicas ○ updatedReplicas ○ readyReplicas ○ availableReplicas ○ entityId ○ platformEntityId ○ uid ○ name ○ nameSpaceName ○ nameSpaceUid ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.25 Get Red Hat OpenShift Container Platform Routes

Table 318 – API: Get Routes

Element	Description
API	GetRoutes
Description	Returns Red Hat OpenShift Container Platform Routes which are allocated Provisioning Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/routes*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 0, "records": [{ "resourceVersion": "string", "annotations": {}, "labels": {}, "specHost": "string", "specToName": "string", "specToKind": "string", "specToWeight": 0, "specPort": {}, "statusIngressHost": "string", "statusIngressRouterName": "string", "statusIngressContainers": {}, "entityId": "string", "platformEntityId": "string", "uid": "string", "name": "string",

```
      "nameSpaceName": "string",
      "nameSpaceUid": "string",
      "createdBy": "string",
      "createdDate": "2025-02-10T07:02:54.030Z",
      "modifiedBy": "string"
    }
  ]
}
```


Response Parameters	• Result: ○ resourceVersion ○ annotations ○ labels ○ specHost ○ specToName ○ specToKind ○ specToWeight ○ specPort ○ statusIngressHost ○ statusIngressRouterName ○ statusIngressContainers ○ entityId ○ platformEntityId ○ uid ○ name ○ nameSpaceName ○ nameSpaceUid ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.26 Get Red Hat OpenShift Container Platform Routes with Namespace

Table 319 - API: Get Routes with Namespace.

Element	Description
API	RoutesWithNamespace

Description	Returns Red Hat OpenShift Container Platform Routes with Namespace which are allocated Provisioning Endpoint and filtered with Namespace.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/namespace/{namespaceid}/routes*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **namespaceid (Mandatory):** Unique namespace id or Unique namespace name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 0, "records": [{ "resourceVersion": "string", "annotations": {}, "labels": {}, "specHost": "string", "specToName": "string", "specToKind": "string", "specToWeight": 0, "specPort": {},

```
      "statusIngressHost": "string",
      "statusIngressRouterName": "string",
      "statusIngressContainers": {},
      "entityId": "string",
      "platformEntityId": "string",
      "uid": "string",
      "name": "string",
      "nameSpaceName": "string",
      "nameSpaceUid": "string",
      "createdBy": "string",
      "createdDate": "2025-02-10T07:02:54.030Z",
      "modifiedBy": "string"
    }
  ]
}
```


Response Parameters

- Result:
  - resourceVersion
  - annotations
  - labels
  - specHost
  - specToName
  - specToKind
  - specToWeight
  - specPort
  - statusIngressHost
  - statusIngressRouterName
  - statusIngressContainers
  - entityId
  - platformEntityId
  - uid
  - name
  - nameSpaceName
  - nameSpaceUid
  - createdBy
  - createdDate
  - modifiedBy

Table 320 - API: Get Build Configs.

Element	Description
API	Get BuildConfigs
Description	Returns Red Hat OpenShift Container Platform Buildconfigs which are allocated Provisioning Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/buildconfigs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 0, "records": [{ "resourceVersion": "string",

```
      "labels": {},
      "triggers": {},
      "runPolicy": "string",
      "source": {},
      "strategy": {},
      "env": {},
      "output": {},
      "resources": {},
      "postCommit": {},
      "nodeSelector": "string",
      "status": {},
      "entityId": "string",
      "platformEntityId": "string",
      "uid": "string",
      "name": "string",
      "nameSpaceName": "string",
      "nameSpaceUid": "string",
      "createdBy": "string",
      "createdDate": "2025-02-10T07:02:54.064Z",
      "modifiedBy": "string"
    }
  ]
}
```


Response Parameters

- Result:
  - resourceVersion
  - labels
  - triggers
  - runPolicy
  - source
  - strategy
  - env
  - output
  - resources
  - postCommit
  - nodeSelector
  - status
  - entityId
  - platformEntityId

	○ uid ○ name ○ nameSpaceName ○ nameSpaceUid ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.28 Get Red Hat OpenShift Container Platform BuildConfigs with Namespace

Table 321 - API: Get BuildConfigs with Namespace.

Element	Description
API	Get BuildConfigsWithNamespace
Description	Returns Red Hat OpenShift Container Platform Buildconfigs with Namespace which are allocated Provisioning Endpoint and filtered with Namespace.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/namespace/{namespaceid}/buildconfigs*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **namespaceid (Mandatory):** Unique namespace id or Unique namespace name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a

	Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": [
	{
	"resourceVersion": "string",
	"labels": {},
	"triggers": {},
	"runPolicy": "string",
	"source": {},
	"strategy": {},
	"env": {},
	"output": {},
	"resources": {},
	"postCommit": {},
	"nodeSelector": "string",
	"status": {},
	"entityId": "string",
	"platformEntityId": "string",
	"uid": "string",
	"name": "string",
	"nameSpaceName": "string",
	"nameSpaceUid": "string",
	"createdBy": "string",
	"createdDate": "2025-02-10T07:02:54.064Z",
	"modifiedBy": "string"
	}
	]
	}

Response Parameters	• Result: ○ resourceVersion ○ labels ○ triggers ○ runPolicy ○ source

	○ strategy ○ env ○ output ○ resources ○ postCommit ○ nodeSelector ○ status ○ entityId ○ platformEntityId ○ uid ○ name ○ nameSpaceName ○ nameSpaceUid ○ createdBy ○ createdDate modifiedBy

3.4.28.29 Get Red Hat OpenShift Container Platform Services

Table 322 - API: Get Services.

Element	Description
API	GetServices
Description	Returns Red Hat OpenShift Container Platform Service which are allocated Provisioning Endpoint.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/services*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC".

	○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json

Response	{
	"totalRecords": 0,
	"records": [
	{
	"resourceVersion": "string",
	"annotations": {},
	"labels": {},
	"ports": {},
	"selector": {},
	"clusterIP": "string",
	"clusterIPs": {},
	"type": "string",
	"sessionAffinity": "string",
	"ipFamilies": {},
	"ipFamilyPolicy": "string",
	"internalTrafficPolicy": "string",
	"status": {},
	"entityId": "string",
	"platformEntityId": "string",
	"uid": "string",
	"name": "string",
	"nameSpaceName": "string",
	"nameSpaceUid": "string",
	"createdBy": "string",
	"createdDate": "2025-02-10T07:02:54.091Z",
	"modifiedBy": "string"
	}
	]
	}

Response Parameters	• Result: ○ resourceVersion ○ annotations ○ labels ○ ports ○ selector ○ clusterIP ○ clusterIPs ○ type ○ sessionAffinity ○ ipFamilies ○ ipFamilyPolicy ○ internalTrafficPolicy ○ status ○ entityId ○ platformEntityId ○ uid ○ name ○ nameSpaceName ○ nameSpaceUid ○ createdBy ○ createdDate ○ modifiedBy

3.4.28.30 Get Red Hat OpenShift Container Platform Services with Namespace

Table 323 – API: Get Image Stream with Namespace.

Element	Description
API	GetServices WithNamespace
Description	Returns Red Hat OpenShift Container Platform Service with Namespace which are allocated Provisioning Endpoint and fileterd with Namespace.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/namespace/{namespaceid}/services*

URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory)**: Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **namespaceid (Mandatory):** Unique namespace id or Unique namespace name. • **queryParams (Optional)**: It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter:** To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order**: To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size**: To get the number of records on selected page. Eg. Pagesize="10" *For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}*
Header	• **Authorization Key**: The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type**: application/json
Response	{ "totalRecords": 0, "records": [{ "resourceVersion": "string", "annotations": {}, "labels": {}, "ports": {}, "selector": {}, "clusterIP": "string", "clusterIPs": {}, "type": "string", "sessionAffinity": "string", "ipFamilies": {}, "ipFamilyPolicy": "string", "internalTrafficPolicy": "string", "status": {}, "entityId": "string",

```
      "platformEntityId": "string",
      "uid": "string",
      "name": "string",
      "nameSpaceName": "string",
      "nameSpaceUid": "string",
      "createdBy": "string",
      "createdDate": "2025-02-10T07:02:54.091Z",
      "modifiedBy": "string"
    }
  ]
}
```


Response Parameters

- Result:
  - resourceVersion
  - annotations
  - labels
  - ports
  - selector
  - clusterIP
  - clusterIPs
  - type
  - sessionAffinity
  - ipFamilies
  - ipFamilyPolicy
  - internalTrafficPolicy
  - status
  - entityId
  - platformEntityId
  - uid
  - name
  - nameSpaceName
  - nameSpaceUid
  - createdBy
  - createdDate
  - modifiedBy

3.4.28.31 Get Red Hat OpenShift Container Network Details

Table 324 - API: Get Network Enablement Details

Element	Description
API	GetNetworkEnablementDetails
Description	Returns Red Hat OpenShift Container Network Enablement details which are allocated Provisioning Endpoint and classId.
Method	GET
URL	*Http(s)://{xx.xxxx.xx.xx:xxx}/v3/ocp/virtualization/provisioningEndPoints/{endpointId}/classId/{classId}/networkDetails*
URL Parameters (fields in curly {} braces)	• **endpointId (Mandatory):** Unique Identifier of Provisioning Endpoint. It can be any value either PlatformEntityId or Name of the Platform available on Manage Provisioning Platform screen. • **classId(Mandatory):** Unique RegionEntityID from RegionMaster. • **queryParams (Optional):** It is used for filtering and sorting of records. It has three properties, which are as follows: ○ **Filter**: To filter records based on column name received from output. E.g. Filter="keyname='keyvalue'" ○ **Sort Order:** To define sorting order either ASC (Ascending) or DESC (descending). E.g. Sortorder="ASC". ○ **Page Number**: To get the records for related page number. Eg. Pagenumber="1" ○ **Page Size:** To get the number of records on selected page. Eg. Pagesize="10" For e.g. {"filter": "repositoryType='Private'","sortorder": "desc", "pagenumber" : "1", "pagesize" : "10"}
Header	• **Authorization Key:** The initial step that needs to be performed before consuming HCL BigFix CLM API is to obtain the Token Value for an authorization key. Once a Token value is obtained, it remains valid for all API calls made in a session. For more information on how to do that, refer Token API description. • **Content-type:** application/json
Response	
Response Parameters	• Result: ○ resourceVersion ○ annotations ○ labels ○ ports ○ selector ○ clusterIP

	○ clusterIPs ○ type ○ sessionAffinity ○ ipFamilies ○ ipFamilyPolicy ○ internalTrafficPolicy ○ status ○ entityId ○ platformEntityId ○ uid ○ name ○ nameSpaceName ○ nameSpaceUid ○ createdBy ○ createdDate ○ modifiedBy

4 API Accessible Matrix

Table 325 - API: Accessible Matrix

Type	Action	Service Account User (API User)	Organization Users
Provisioning Request	Get	Users can view all requests of an organization.	User can view all requests created by him/her. User can view all requests where he is marked as Requested For.
	Insert	Use=] should be part of an organization and platform should be allocated to the organization.	Users should be part of organization and platform should be allocated to the organization. Should have access to service Catalog.
	Update	Users can update all the requests of organization.	Users can update requests from API.
Action Request	Get	Can view All request for an organization.	User can view all requests created by him/her. User can view all requests where he is marked as Requested For.
	Insert	Users can insert action requests for an organization.	User can Create action request for his/her cis. User can Create action request for CIS where is assigned as delegate User can Create action request for cis are transferred to him/her
	Update	Can update action request for an organization.	Users can update request from API
CI Request	Get	Can view all CI of an organization.	User can view all CI created by him/her User can view all CI delegated to him/her (Requested For) User can view all CI transferred to him/her
	Insert	Can insert CI for all requests of an organization.	User can create CI Request
	Update	Can update all CI of an Organization.	User can update CI Request

5 Support

To get support for this product, drop an email to bigfixclm-prodsupport-team@hcl-software.com..

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