HCLSoftware

Deployment Guide for HCL CDP v12.1.8 Core Component on OpenShift

Contents

Chapter 1. Introduction

This section details the installation and configuration of the services and components required by HCL CDP core components deployment using devtron, on the Red Hat OpenShift platform.

Chapter 2. Prerequisites

Micro-services based HCL CDP core components, to be deployed on containerized platform using Devtron CI/CD tool (Red Hat OpenShift is the choice of the Container orchestration platform).

Micro-services based HCL CDP core components, to be deployed on containerized platform using Devtron CI/CD tool (Red Hat OpenShift is the choice of the Container orchestration platform).

Before proceeding with the installation of the required components, you have to ensure that Red Hat OpenShift is installed and properly configured. Refer to the Red Hat OpenShift documentation for installation guidelines.

Also, below tools are expected to present in the deployment to facilitate the installation:

- **OpenShift CLI:** Ensure the `oc` command is accessible and functional.
- **Kubernetes CLI:** Verify the availability of the `kubectl` command.
- **Helm CLI:** Ensure the `helm` command-line tool is installed.
- **Devtron Deployment Tool:** Confirm that Devtron is set up for managing deployments.

Chapter 3. List of CDP Core Components for OpenShift Cluster

List of HCL CDP Core modules components to be deployed and configured. CDP utilizes the functionalities from these modules to perform the end to end operations.

Application/Services	**Deployment Type**
CDP Admin UI	Helm chart
CDP Admin UI Backend	Helm chart
CDP Core API	Helm chart
CDP Dash Backend	Helm chart
CDP Dash Iframe	Helm chart
CDP DMP SST	Helm chart
CDP DMP SST Maps	Helm chart
CDP DMP SST API	Helm chart
CDP DMP SST Zookeeper	Helm chart
CDP Web App	Helm chart
CDP Live Events	Helm chart
CDP Manager	Helm chart
CDP Pixel Listener	Helm chart
CDP RTS	Helm chart
CDP RTS MS	Helm chart
CDP DI API	Helm chart
CDP Psql API	Helm chart
CDP S3 Sink Connector	Helm chart
CDP MongoDB Sink Connector	Helm chart
CDP KMS Service	Helm chart
DMP Producer	VM Based Deployment
NIFI	VM Based Deployment

Chapter 4. Installing Devtron

This section provides detailed instructions on how to deploy Devtron to your OpenShift cluster using Helm charts.

To install Devtron, follow these steps:

1. Add the Devtron repository to the helm chart sources.

```
helm repo add devtron https://helm.devtron.ai
helm repo update devtron
```

2. Install the Devtron on the OpenShift Cluster.

```
helm install devtron devtron/devtron-operator --create-namespace --namespace devtroncd --set
 installer.arch=multi-arch --set installer.openshift=true
```

Note: Before installing the devtron, make sure to allow appropriate permissions in SCC.

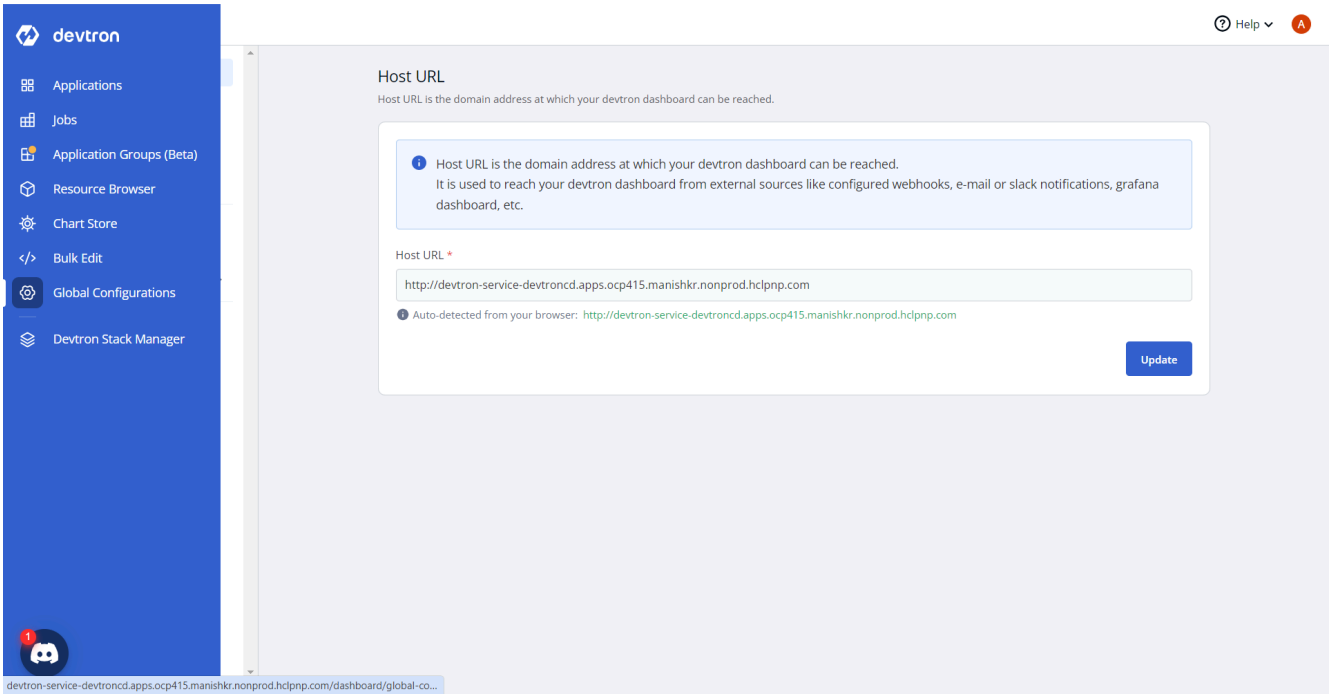
3. Get the Devtron login credentials. By default, the username will be admin.

```
kubectl -n devtroncd get secret devtron-secret -o jsonpath='{.data.ADMIN_PASSWORD}' | base64 -d
```

Configuring Devtron

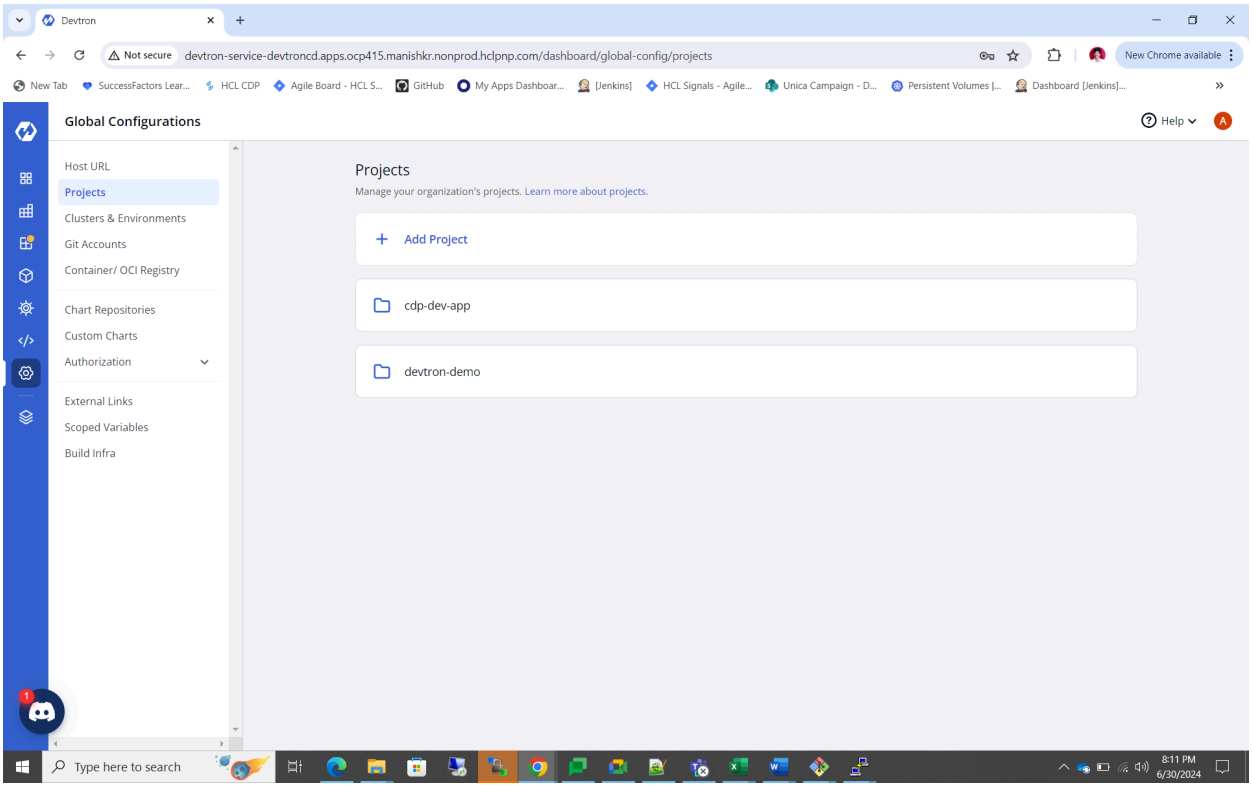
Prerequisites:

Before you start configuring the Devtron, verify the Global Configurations.

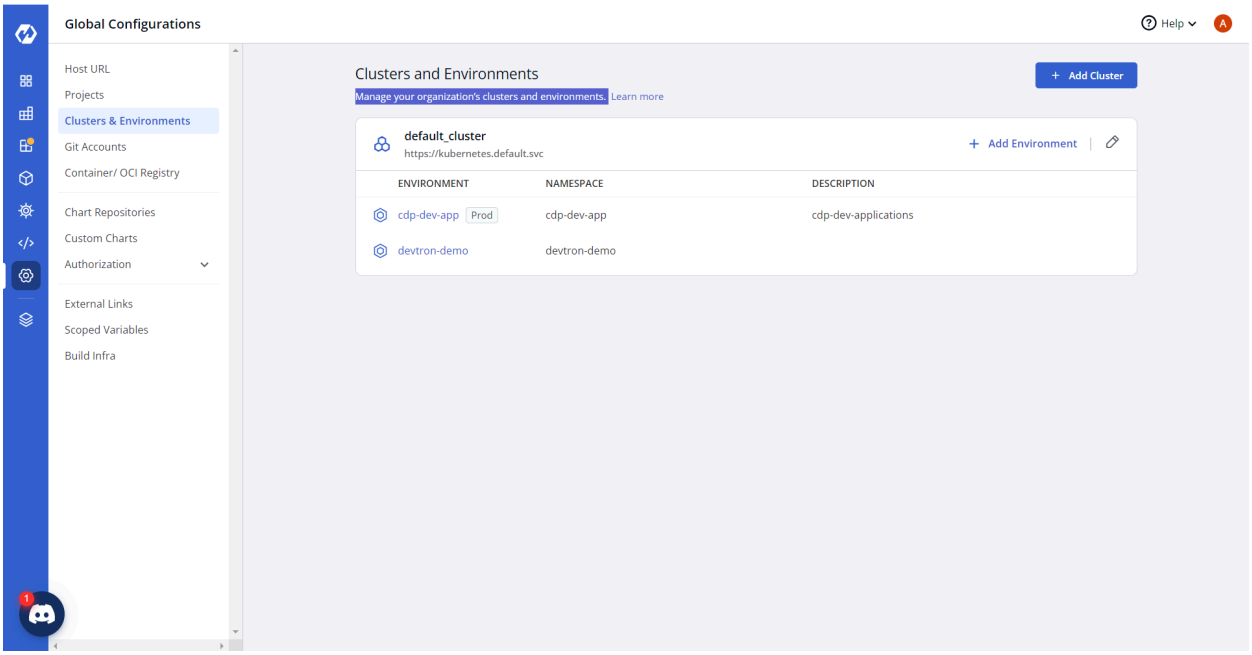


To configure the Devtron, follow the steps below:

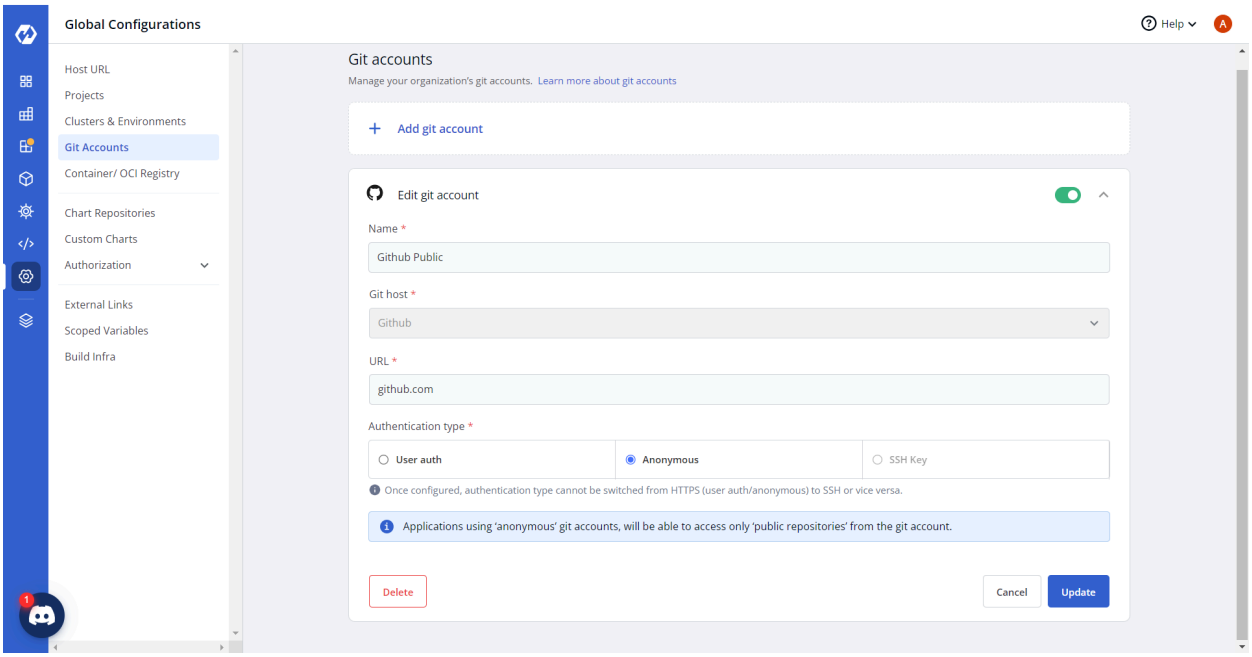
1. In the Devtron console, select **Global Configurations** > **Projects**. Click **Add Projects** and enter projects details.



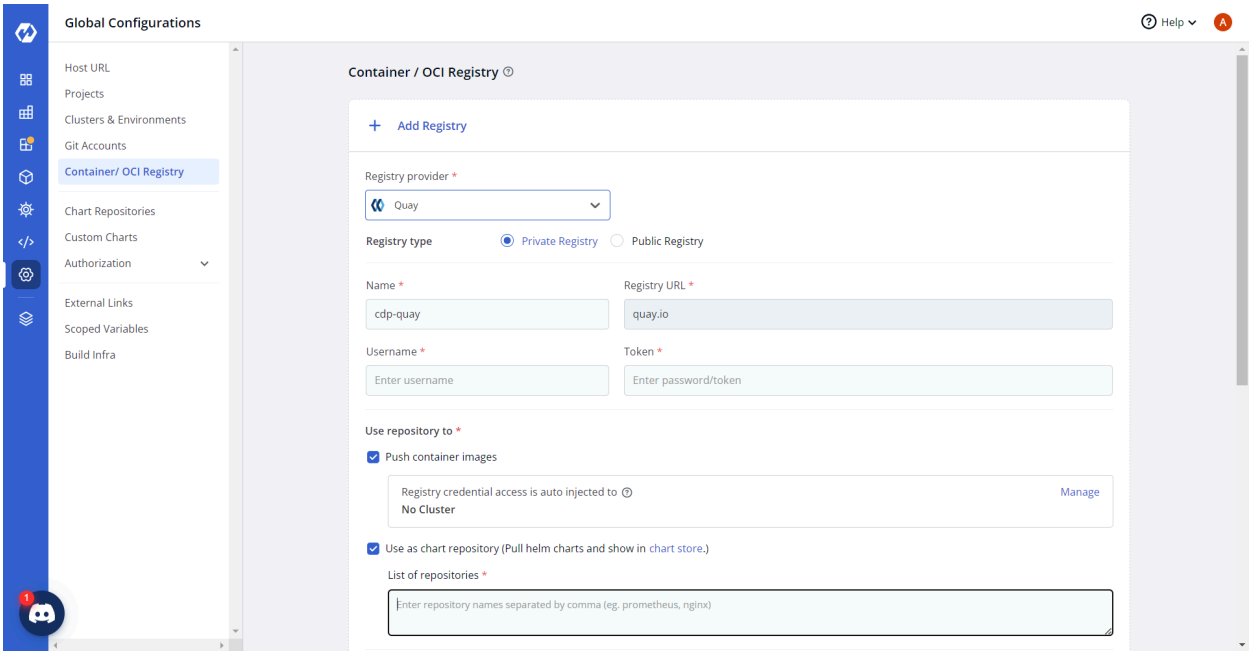
2. From the left pane, click **Clusters and Environment**, and manage your organizations clusters and environments details.



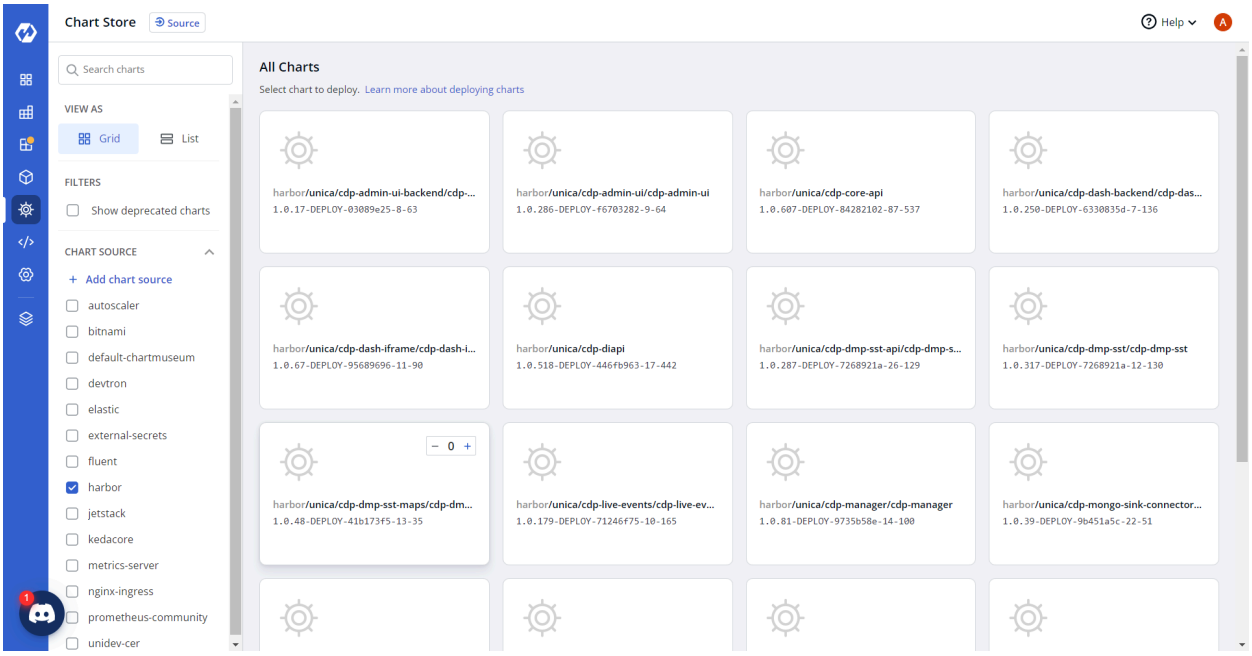
3. Click **Git Accounts**, and manage your organizations git accounts.



4. Click **Container/OCI Registry** > **Add Registry**, and update registry details and push helm charts and docker images to the configured registry.



5. In the registry configuration, update the list of repositories, and verify helm charts are synced to Devrton's chart store as shown below.



Chapter 5. Deploying Core Components

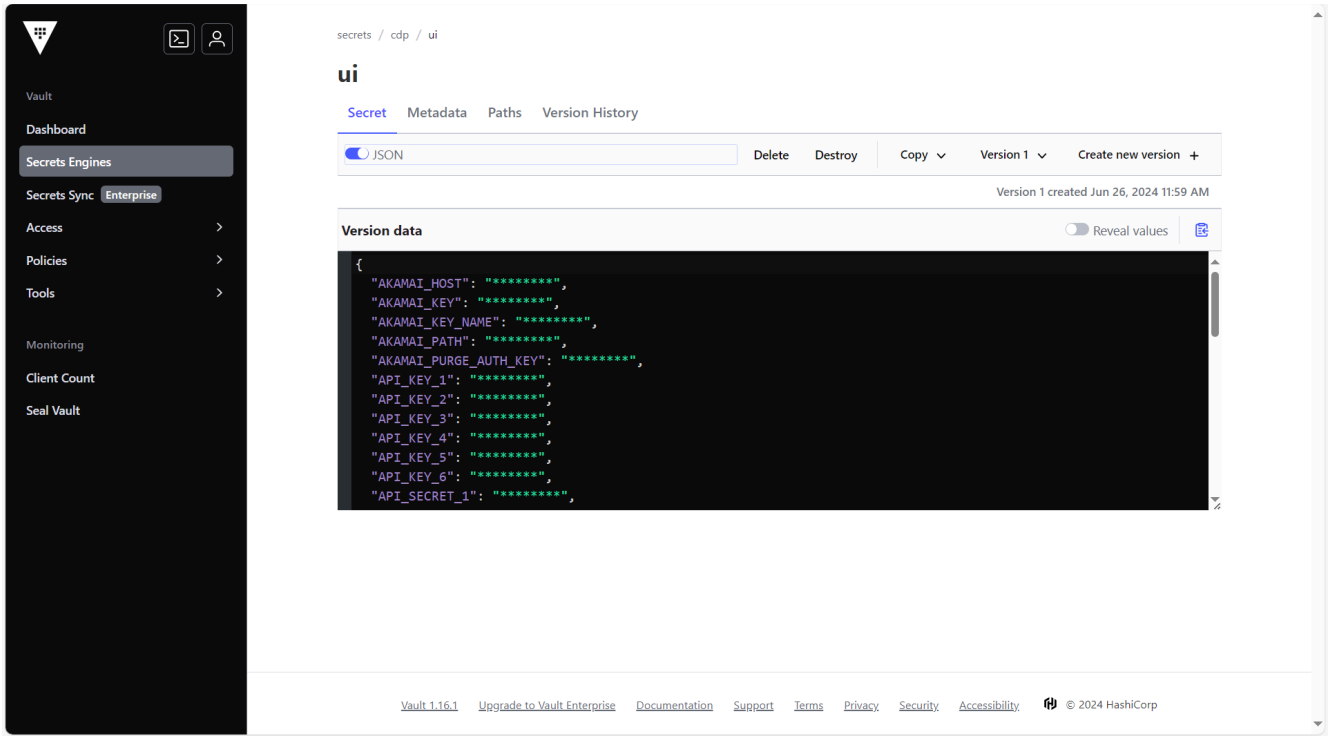
This section provides step-by-step instructions for deploying each service, component, and module required forHCL CDP Core Components. Follow the guidelines in each subsection to ensure the successful deployment and configuration of the respective elements.

Deploying CDP Admin UI

This section provides detailed instructions on how to deploy HCL CDP Admin UI using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP admin UI.



To create the UI secret in HashiCorp Vault, follow the steps below:

1. Create a UI secret sample key and value in the UI secret shown below, and update the actual values.

```
{
  "AKAMAI_HOST": "",
  "AKAMAI_KEY": "",
  "AKAMAI_KEY_NAME": "",
  "AKAMAI_PATH": "",
  "AKAMAI_PURGE_AUTH_KEY": "",
  "API_KEY_1": "",
  "API_KEY_2": "",
  "API_KEY_3": "",
  "API_KEY_4": "",
```

```
  "API_KEY_5": "",
  "API_KEY_6": "",
  "API_SECRET_1": "",
  "API_SECRET_2": "",
  "API_SECRET_3": "",
  "API_SECRET_4": "",
  "API_SECRET_5": "",
  "API_SECRET_6": "",
  "AUTH_TOKEN": "",
  "NEXT_PUBLIC_CLIENT_ID": "",
  "NEXT_PUBLIC_CLIENT_SECRET": "",
  "NEXT_PUBLIC_FROALA_SECRET": "",
  "NEXT_PUBLIC_GOOGLE_CLIENT_ID": "",
  "NEXT_PUBLIC_GOOGLE_CLIENT_SECRET": "",
  "NEXT_PUBLIC_RECAPTCHA_KEY": "",
  "REACT_APP_CLIENT_ID": "",
  "REACT_APP_S3_ACCESS_KEY_ID": "",
  "REACT_APP_S3_SECRET_KEY": "",
  "auAuthKey": "",
  "auEndpoint": "",
  "host": "",
  "muAuthKey": "",
  "muEndpoint": "",
  "password": "",
  "sesEmail": "",
  "sesPassword": "",
  "smtpFrom": "",
  "smtpHost": "",
  "smtpPassword": "",
  "smtpPort": "",
  "smtpUser": "",
  "usAuthKey": "",
  "usEndpoint": "",
  "user": ""
}
```

2. Create a Kubernetes Secret with Vault credentials to fetch the secrets from the vault.

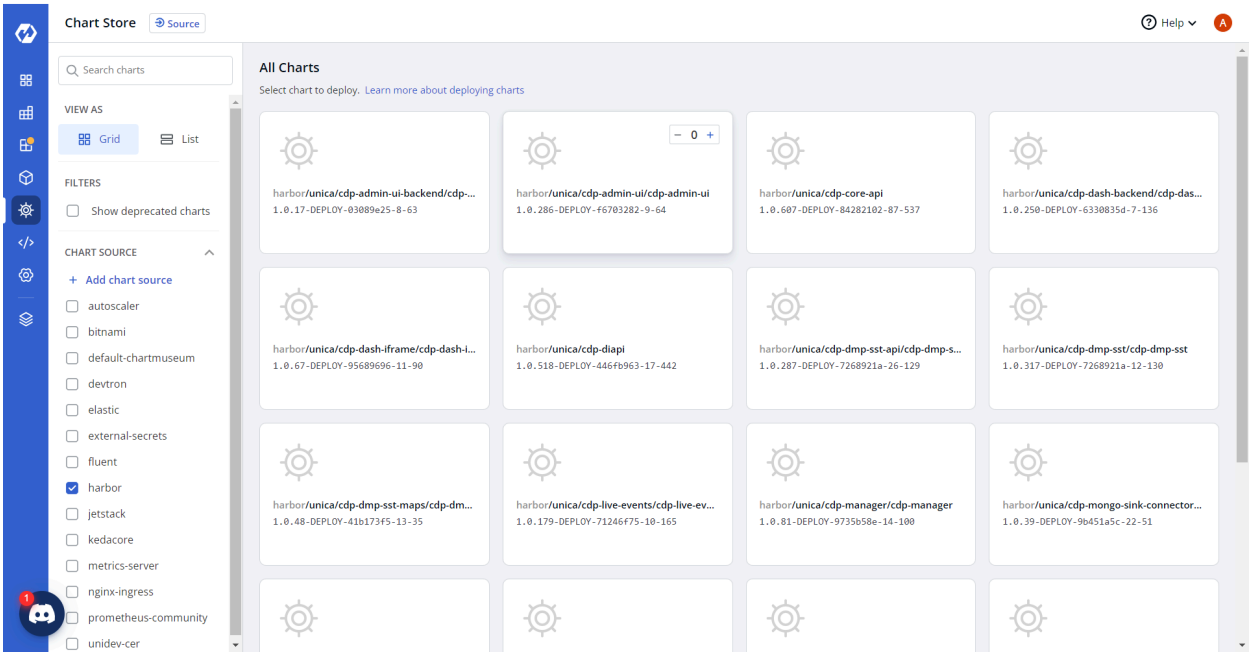
```
apiVersion: v1
kind: Secret
metadata:
  name: vault-creds
  namespace: cdp-dev-app
type: Opaque
data:
  username: <vault username>
  password: <vault password>
```

3. Create separate service account say cdp-dev-app-sa, with appropriate roles and permissions, and update ConfigMaps data with actual values.

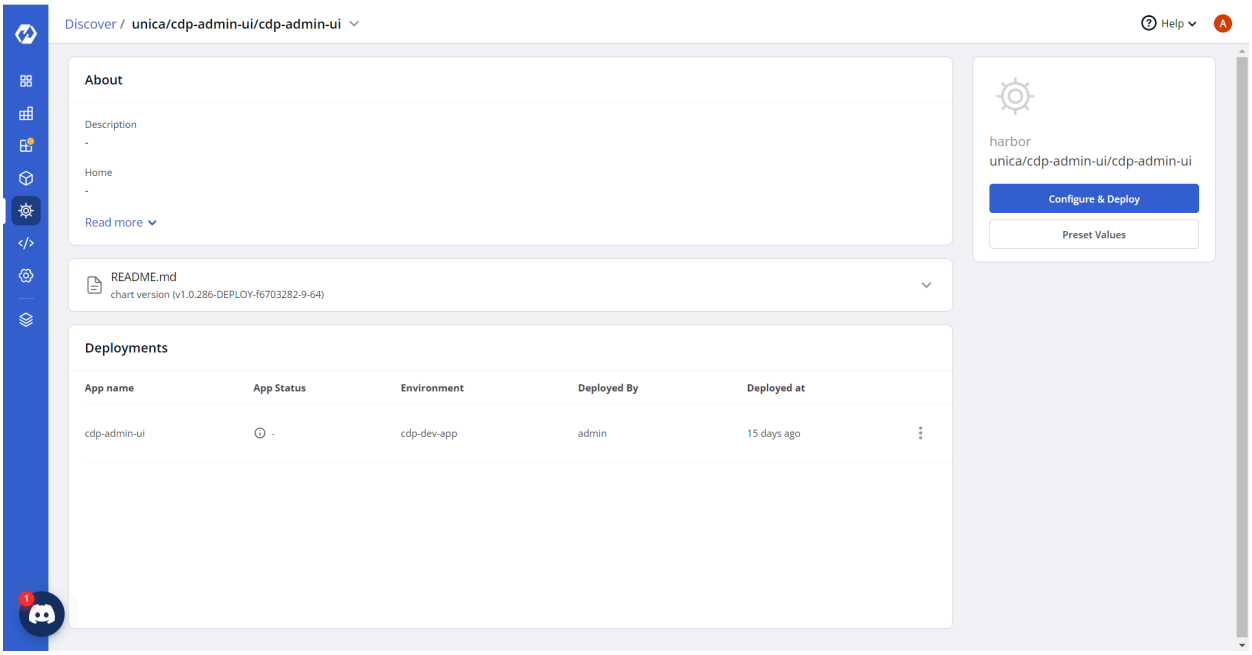
Deploying CDP Admin UI

To deploy the CDP admin UI, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-admin-ui chart to deploy.

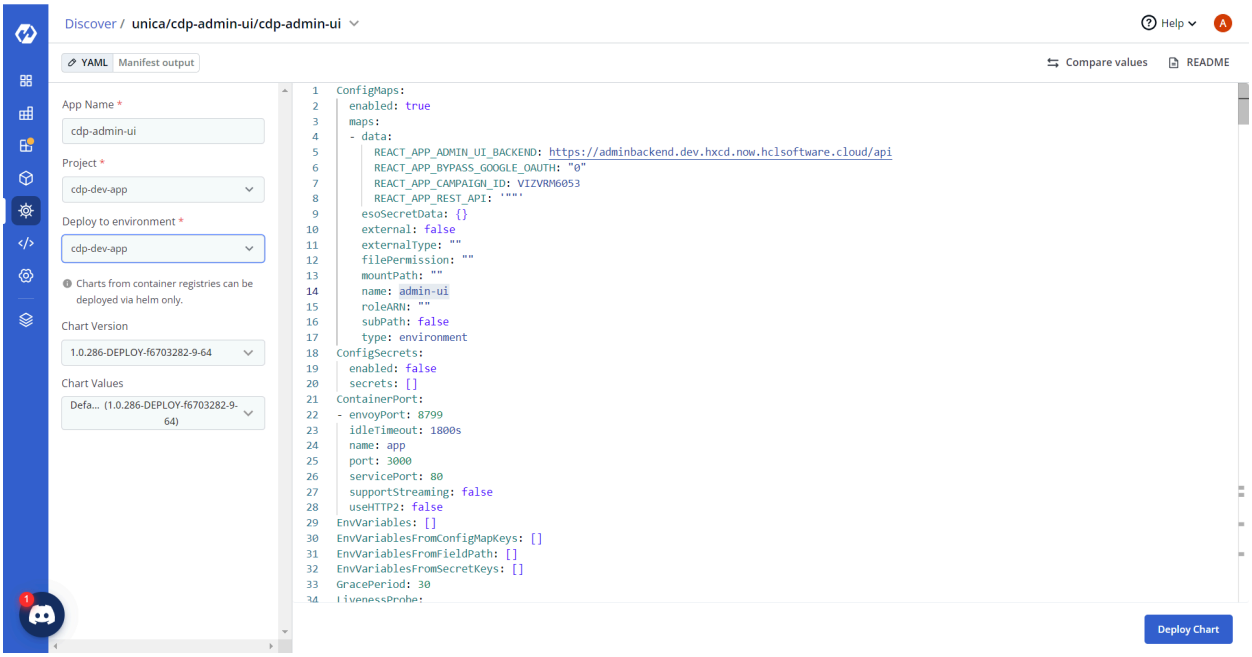


2. Now, configure and deploy the admin UI charts.

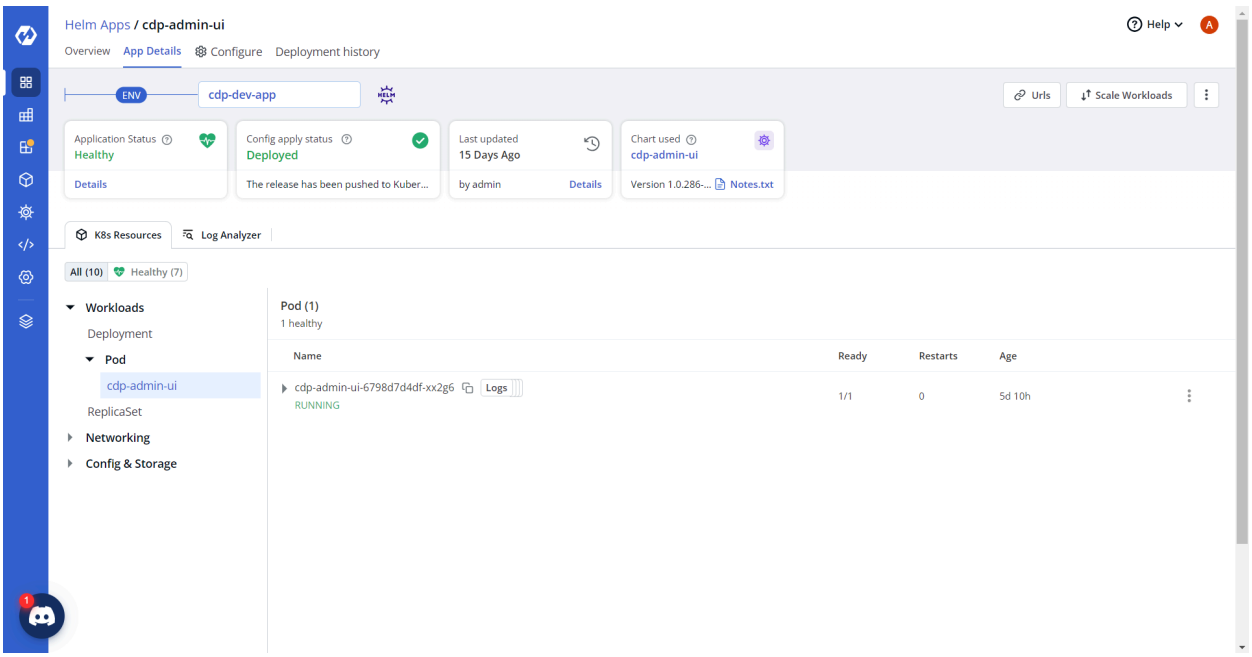


3. In the **YAML** section, update the ConfigMap using below details and deploy the charts.

```
REACT_APP_ADMIN_UI_BACKEND: <ADMIN_UI_BACKEND_URL>
REACT_APP_BYPASS_GOOGLE_OAUTH: "0"
REACT_APP_CAMPAIGN_ID: <VIZVRM6053>
REACT_APP_REST_API: '""'
```



4. On successful deployment, validate the deployment as shown below.

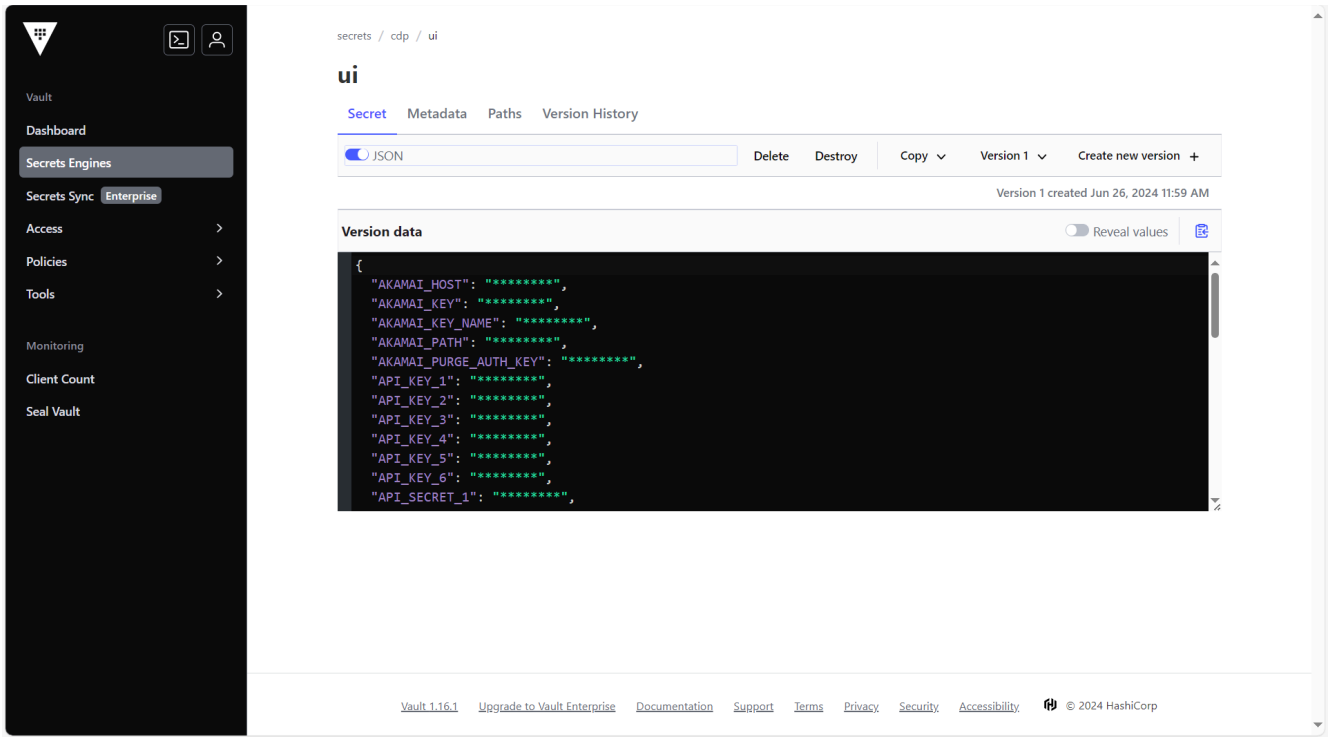


Deploying CDP Admin UI Backend

This section provides detailed instructions on how to deploy HCL CDP Admin UI Backend using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP admin UI.



To create the UI secret in HashiCorp Vault, follow the steps below:

1. Create a UI secret sample key and value in the UI secret shown below, and update the actual values.

```
{
  "AKAMAI_HOST": "",
  "AKAMAI_KEY": "",
  "AKAMAI_KEY_NAME": "",
  "AKAMAI_PATH": "",
  "AKAMAI_PURGE_AUTH_KEY": "",
  "API_KEY_1": "",
  "API_KEY_2": "",
  "API_KEY_3": "",
  "API_KEY_4": "",
  "API_KEY_5": "",
  "API_KEY_6": "",
  "API_SECRET_1": "",
  "API_SECRET_2": "",
  "API_SECRET_3": "",
  "API_SECRET_4": "",
  "API_SECRET_5": "",
  "API_SECRET_6": "",
  "AUTH_TOKEN": "",
  "NEXT_PUBLIC_CLIENT_ID": "",
  "NEXT_PUBLIC_CLIENT_SECRET": "",
  "NEXT_PUBLIC_FROALA_SECRET": "",
  "NEXT_PUBLIC_GOOGLE_CLIENT_ID": "",
  "NEXT_PUBLIC_GOOGLE_CLIENT_SECRET": "",
```

```
  "NEXT_PUBLIC_RECAPTCHA_KEY": "",
  "REACT_APP_CLIENT_ID": "",
  "REACT_APP_S3_ACCESS_KEY_ID": "",
  "REACT_APP_S3_SECRET_KEY": "",
  "auAuthKey": "",
  "auEndpoint": "",
  "host": "",
  "muAuthKey": "",
  "muEndpoint": "",
  "password": "",
  "sesEmail": "",
  "sesPassword": "",
  "smtpFrom": "",
  "smtpHost": "",
  "smtpPassword": "",
  "smtpPort": "",
  "smtpUser": "",
  "usAuthKey": "",
  "usEndpoint": "",
  "user": ""
}
```

2. Create a Kubernetes Secret with Vault credentials to fetch the secrets from the vault.

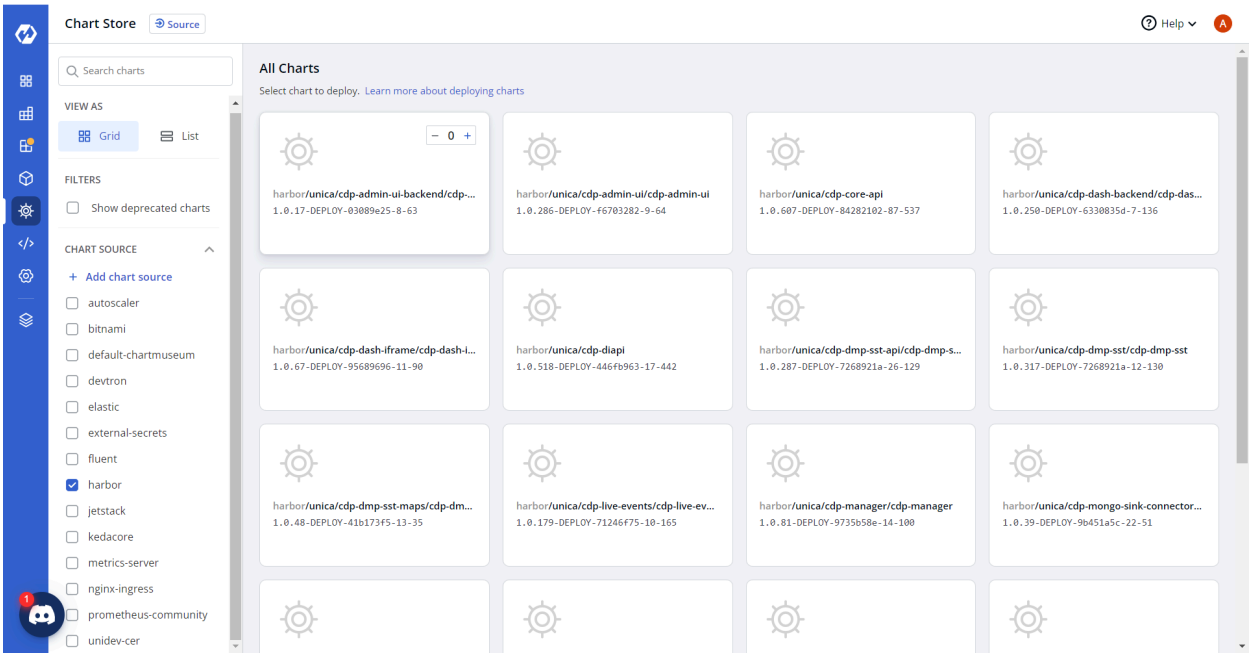
```
apiVersion: v1
kind: Secret
metadata:
  name: vault-creds
  namespace: cdp-dev-app
type: Opaque
data:
  username: <vault username>
  password: <vault password>
```

3. Create separate service account say cdp-dev-app-sa, with appropriate roles and permissions, and update ConfigMaps data with actual values.

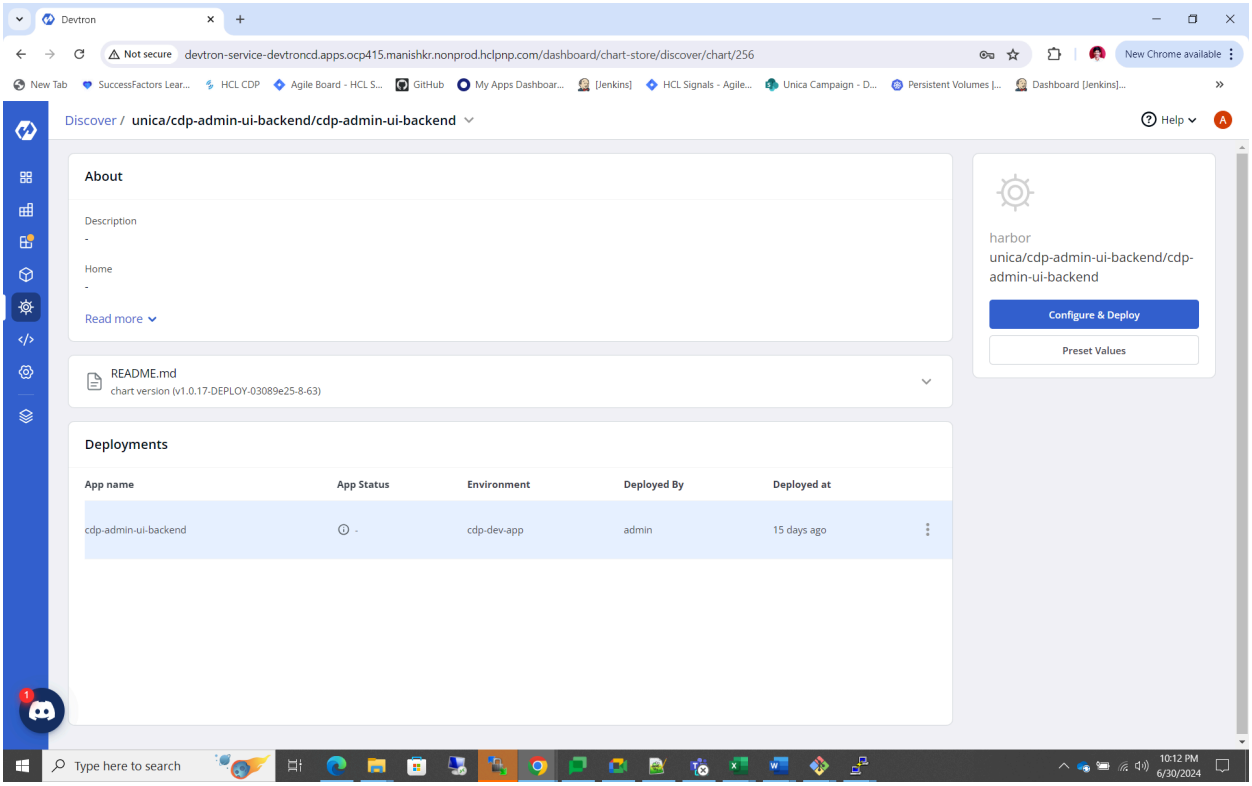
Deploying CDP Admin UI Backend

To deploy the CDP admin UI backend, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-admin-ui-backend chart to deploy.



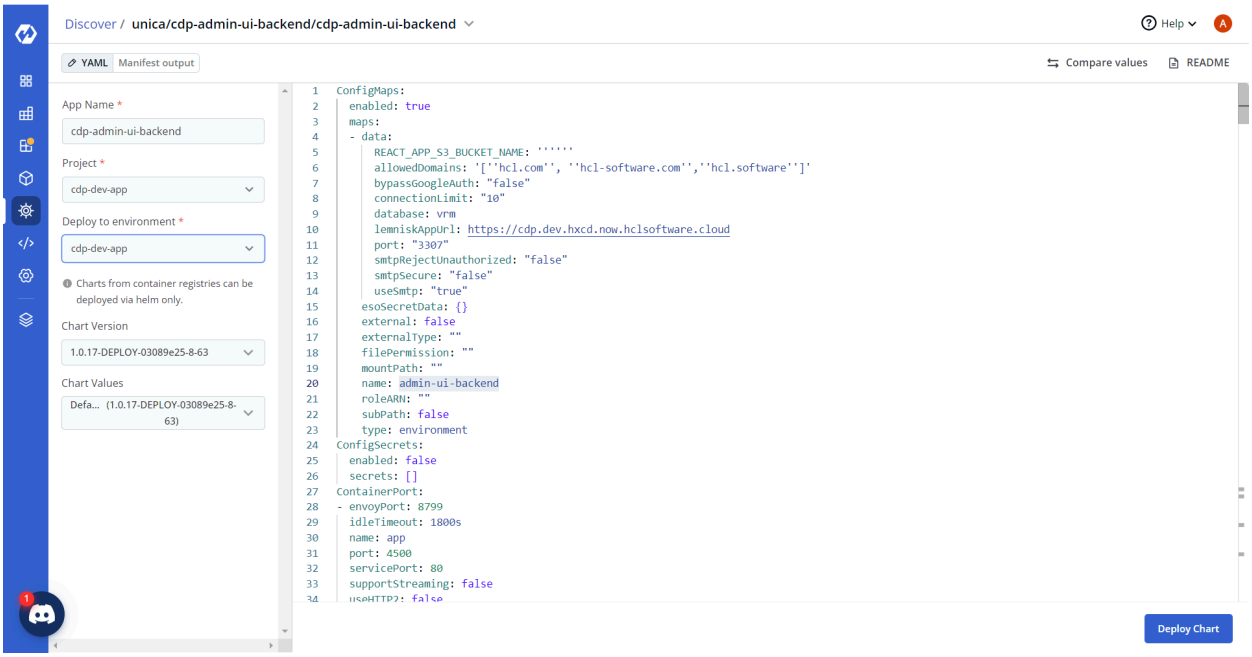
2. Now, configure and deploy the admin UI charts.



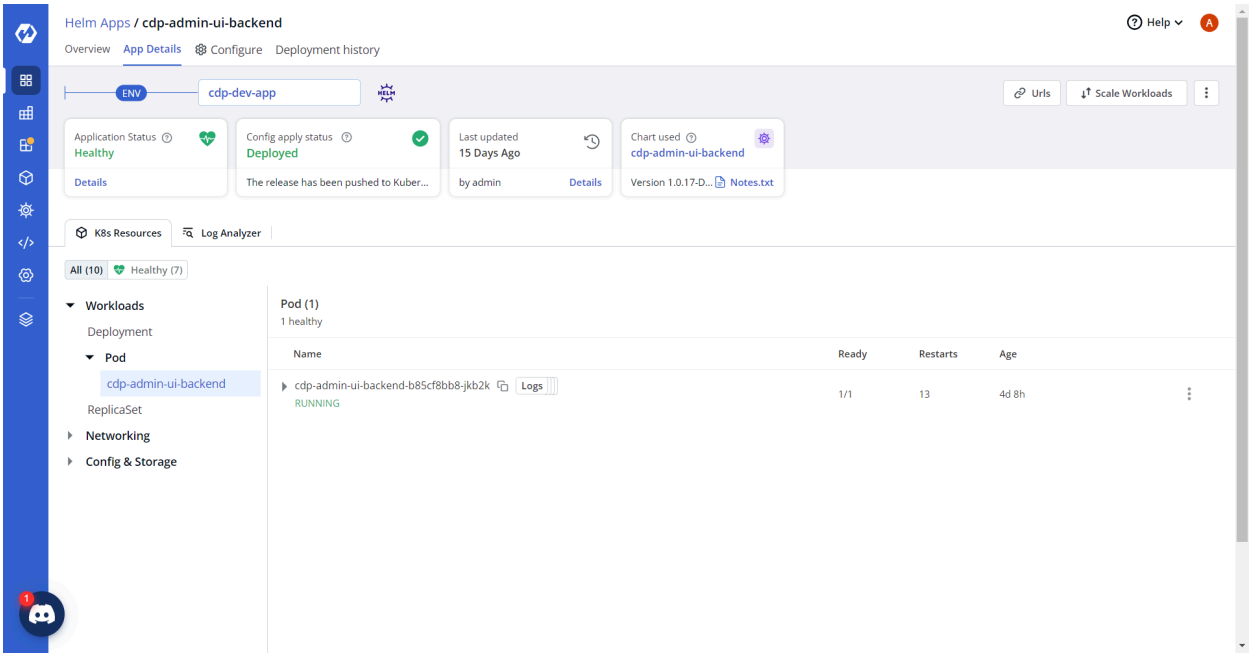
3. In the **YAML** section, update the ConfigMap using below details and deploy the charts.

```
REACT_APP_S3_BUCKET_NAME: ''''''
allowedDomains: '[''hcl.com'', ''hcl-software.com'',''hcl.software'',''hclpnp.com'']'
bypassGoogleAuth: "false"
connectionLimit: "10"
```

```
database:< MySQL_DB_Name>
lemniskAppUrl: <WebApp_URL>
port: "<3306>"
smtpRejectUnauthorized: "false"
smtpSecure: "false"
useSmtp: "true"
```



4. On successful deployment, validate the deployment as shown below.

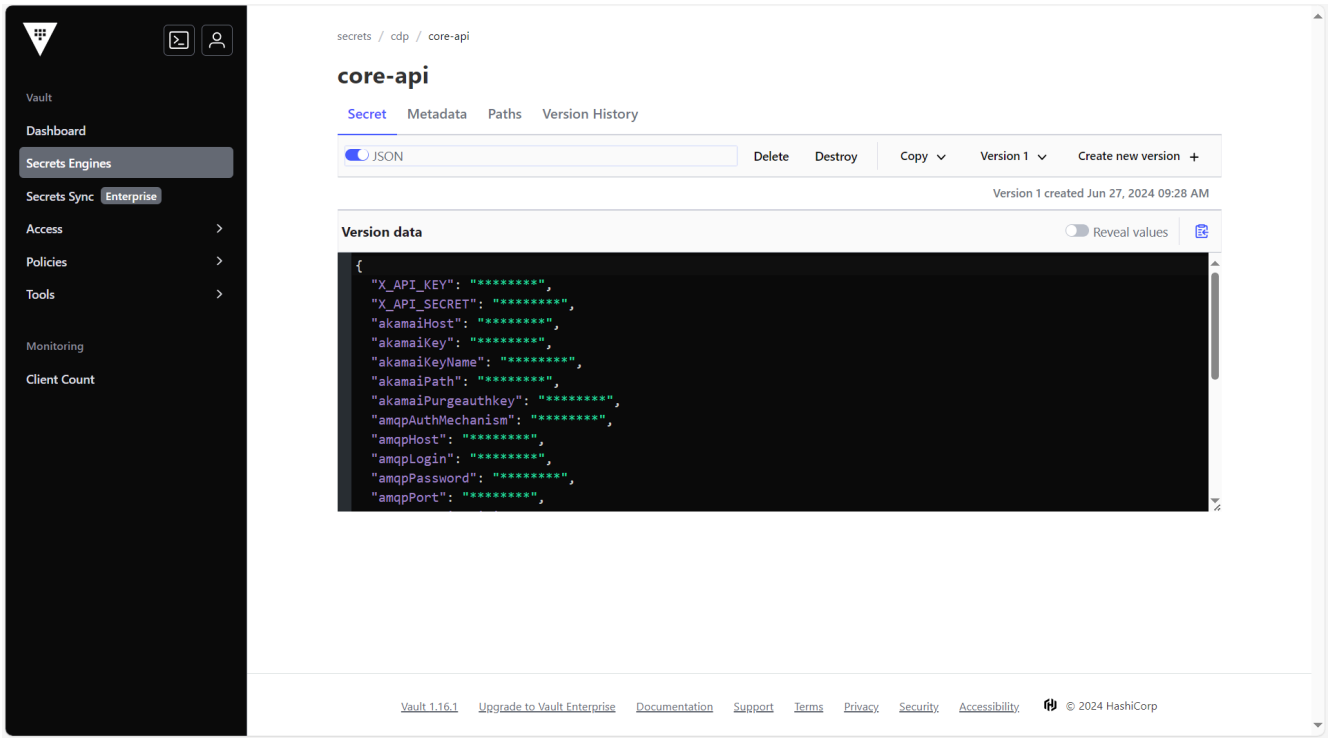


Deploying CDP Core API

This section provides detailed instructions on how to deploy HCL CDP Core API using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP core api.



To create the UI secret in HashiCorp Vault, follow the steps below:

1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

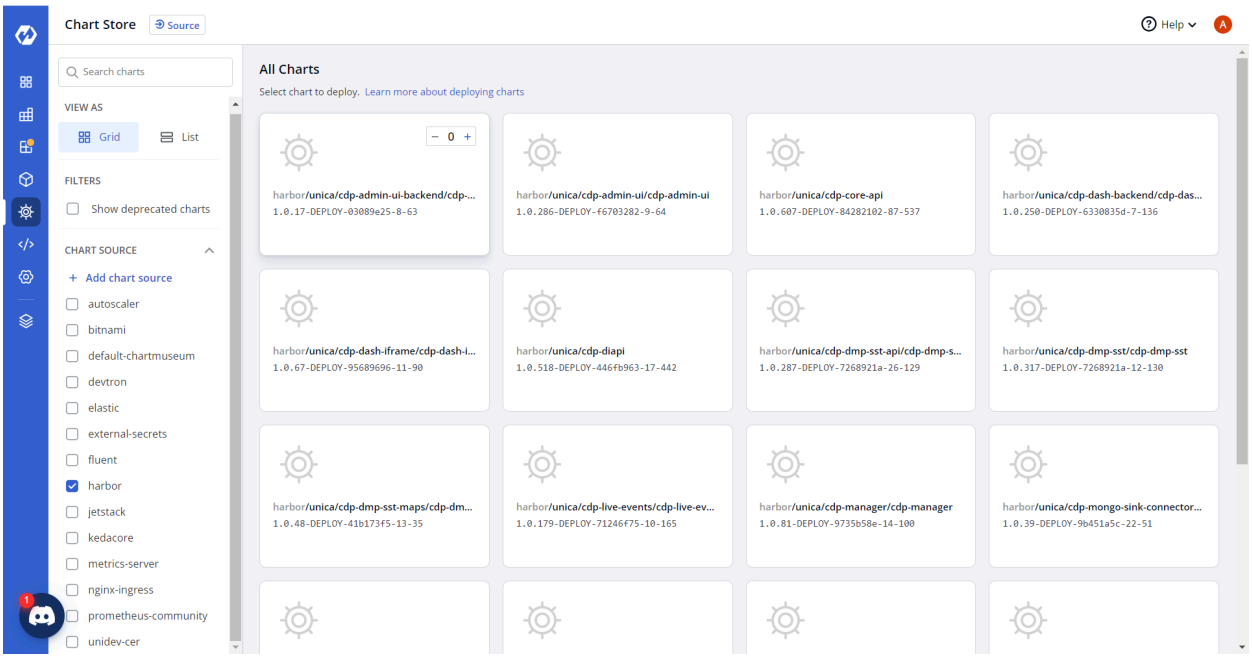
```
{
  "X_API_KEY": "\"\"",
  "X_API_SECRET": "\"\"",
  "akamaiHost": "\"\"",
  "akamaiKey": "\"\"",
  "akamaiKeyName": "\"\"",
  "akamaiPath": "\"\"",
  "akamaiPurgeauthkey": "\"\"",
  "amqpAuthMechanism": "\"\"",
  "amqpHost": "\"\"",
  "amqpLogin": "\"\"",
  "amqpPassword": "\"\"",
  "amqpPort": "\"\"",
  "dbConnectionLimit": "\"80\"",
  "dbDatabase": "\"<dbName>\"",
  "dbHost": "\"<dbHost>\"",
  "dbPassword": "\"<dbPassword>\"",
  "dbPort": "\"<dbPort>\"",
  "dbUser": "\"<dbUser>\"",
  "lemnisk_mailId": "\"\"",
  "lemnisk_mailPassword": "\"\"",
  "mailId": "\"\"",
  "mailPassword": "\"\"",
```

```
  "stagingS3AccessKey": "\"\"",
  "stagingSecretAccessKey": "\"\"",
  "userIdentifierAuthKey": "\"<userIdentifierAuthKey>\""
}
```

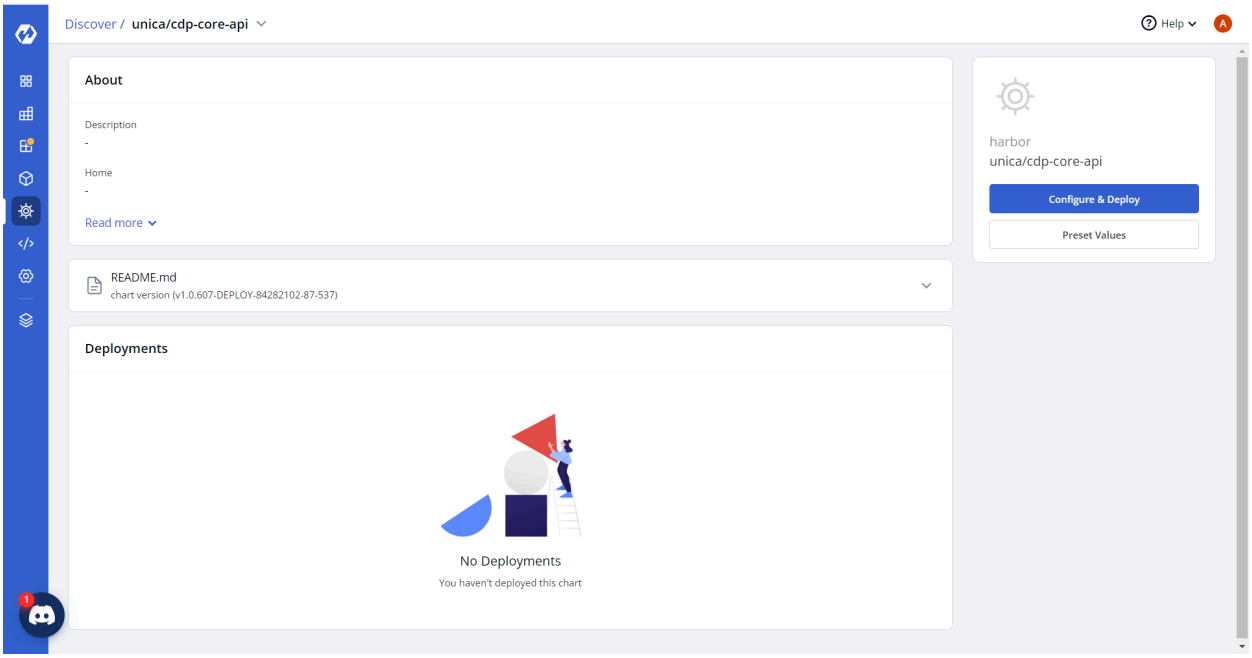
Deploying CDP CORE API

To deploy the CDP core API, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-core-api chart to deploy.



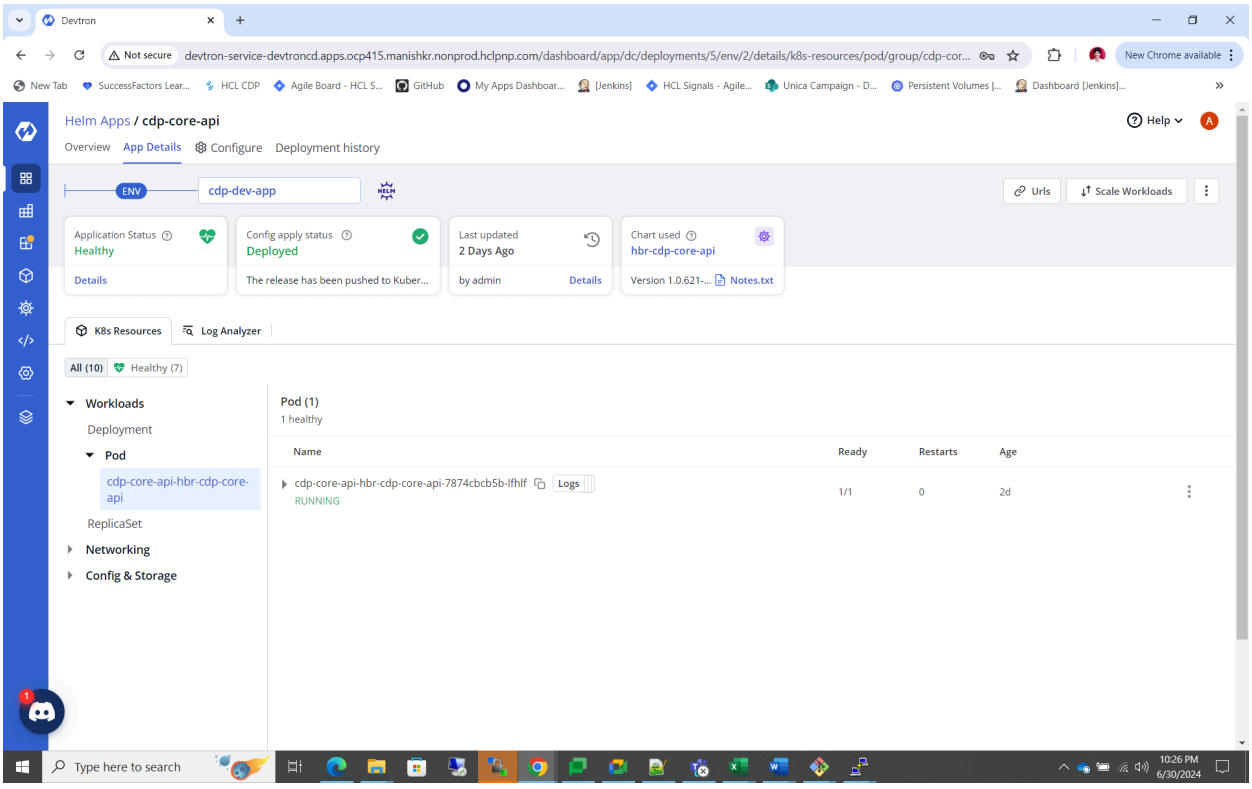
2. Now, configure and deploy the cdp core api charts.



3. In the **YAML** section, update the ConfigMap using below details and deploy the charts.

```
CampaignRegionList: '{aps1:[''6525'']}'
DEFAULT_SRC:
FONT_SRC:
IMG_SRC:
SCRIPT_SRC:
STYLE_SRC:
DOMAIN:
cdpDashboardService:
druidURL:
kms_decrypt:
kms_encrypt:
kms_region:
muUserIdentifierDomain:
psql_endpoint:
psql_host:
rts_endpoint:
s3Bucket:
usUserIdentifierDomain:
segmentUserListuploadsBucket:
uploadsBucket
```

4. On successful deployment, validate the deployment as shown below.

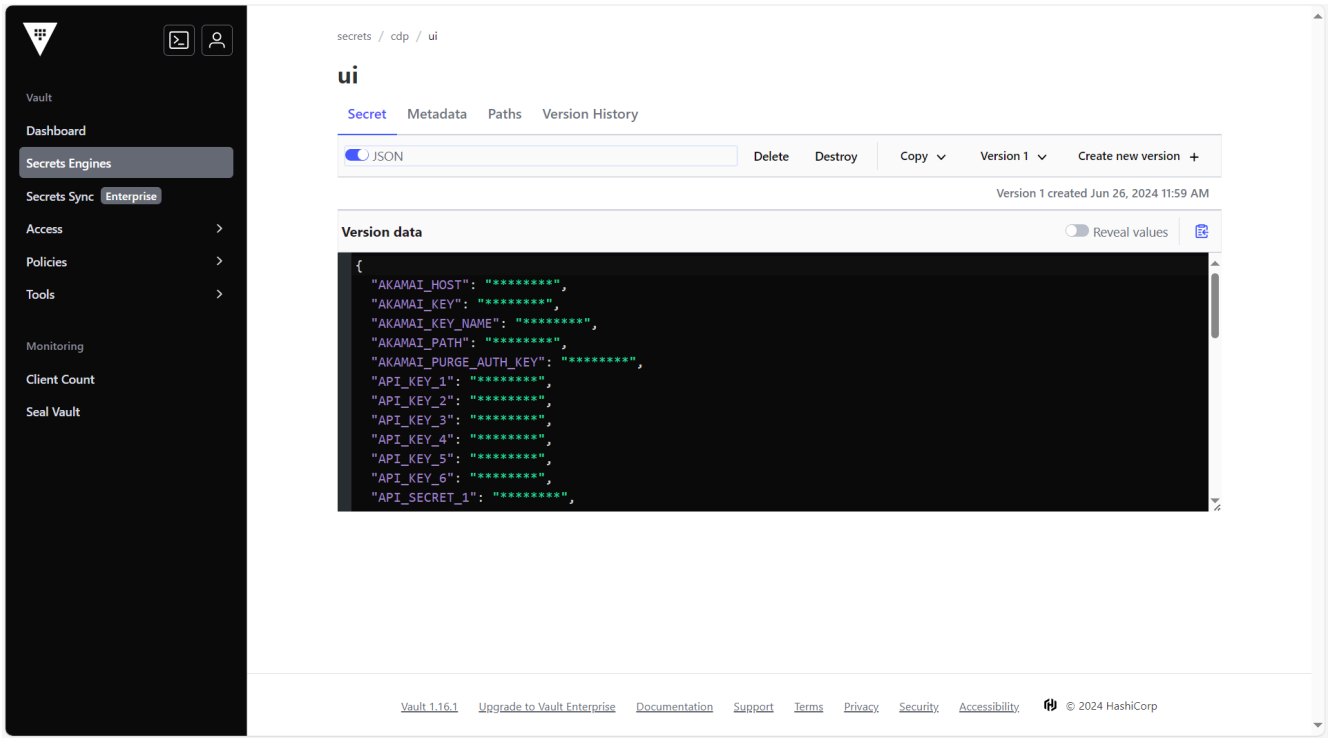


Deploying CDP Dash Backend

This section provides detailed instructions on how to deploy HCL CDP Dash Backend using the Devtron in the OpenShift.

Prerequisites:

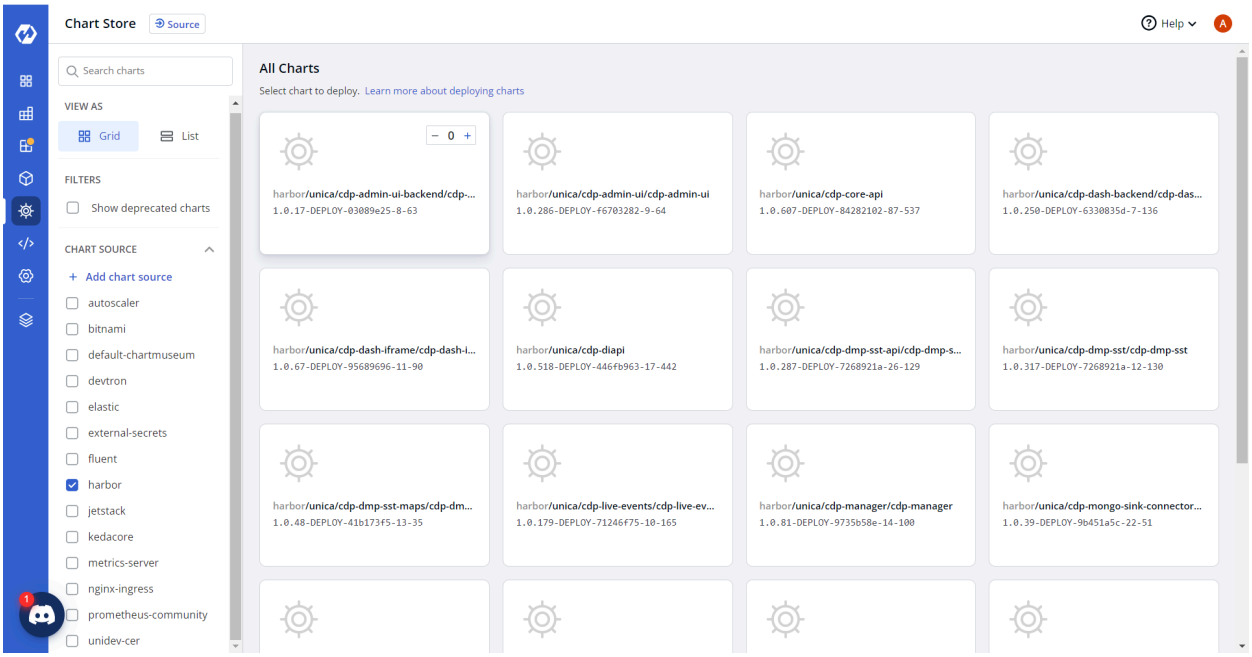
Make sure to create UI secret with required data in HashiCorp vault before deploying CDP Dash Backend.



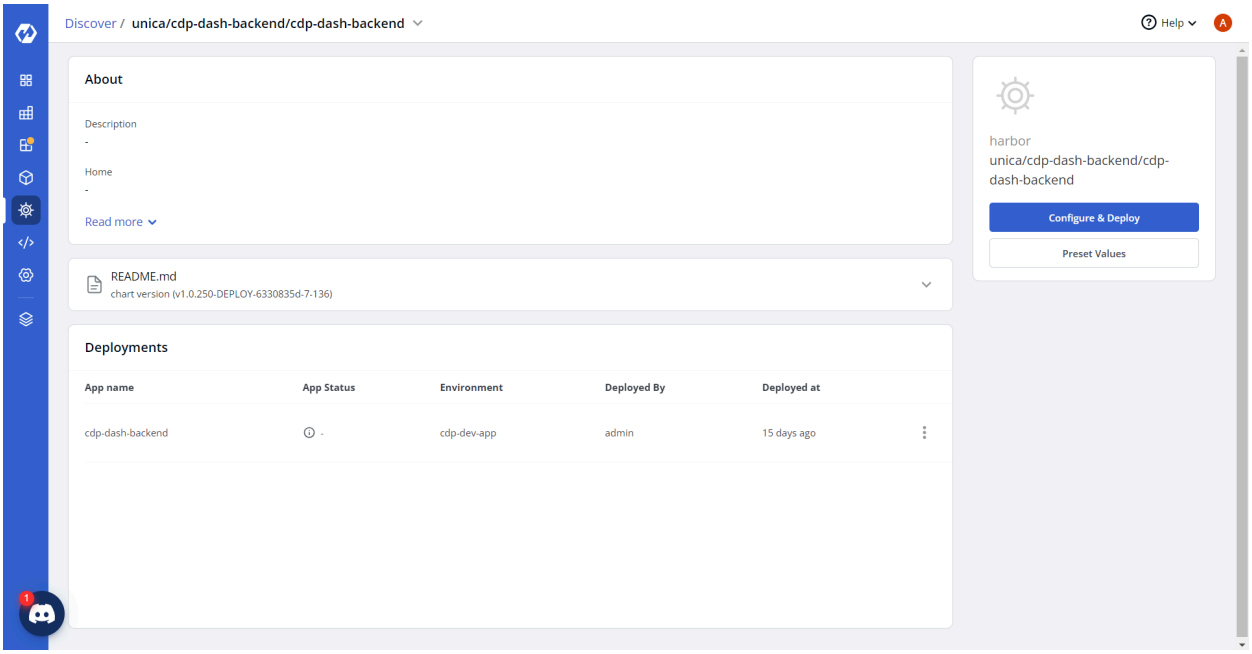
Deploying CDP Dash Backend

To deploy the CDP Dash Backend, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-dash-backend chart to deploy.



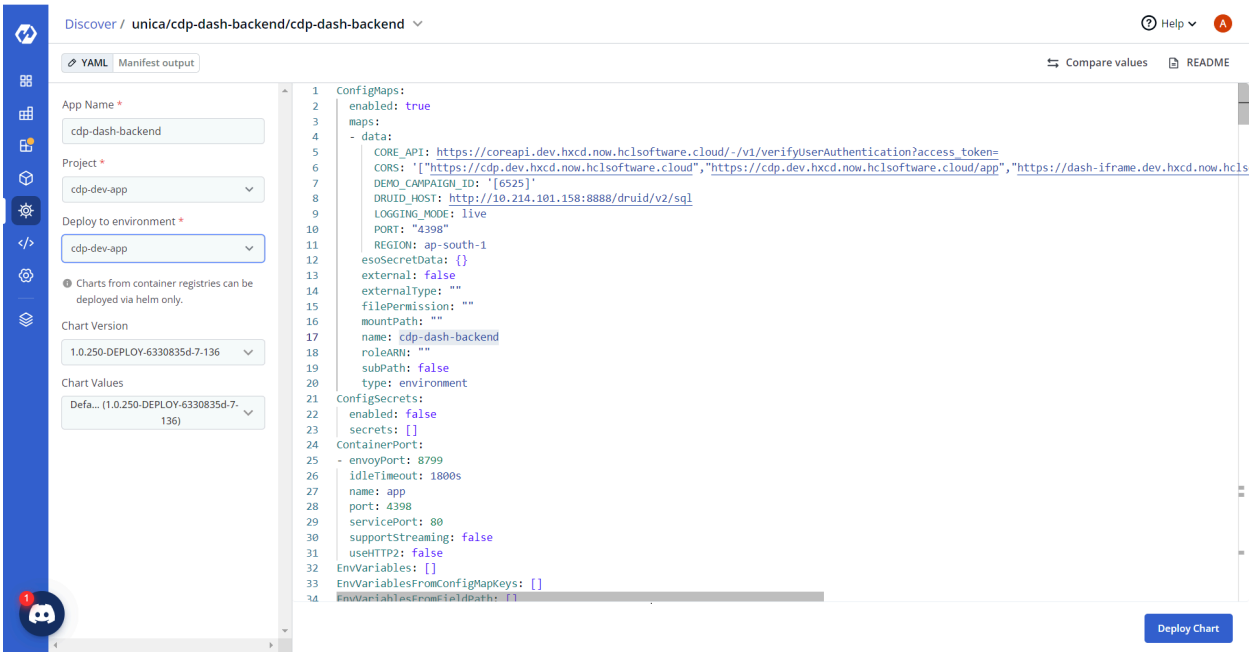
2. Now, configure and deploy the CDP Dash Backend charts.



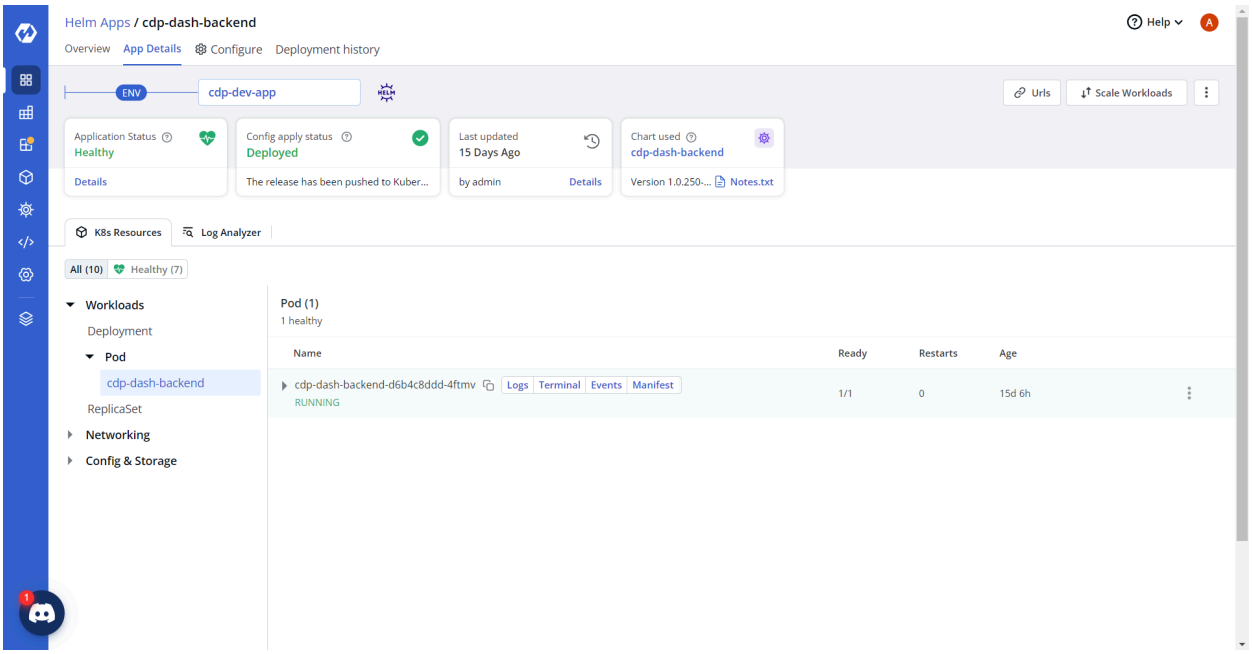
3. In the **YAML** section, update the ConfigMap using below details and deploy the charts.

```
CORE_API:<http://core_api_url/-/v1/verifyUserAuthentication?access_token=>
CORS: '[cors_urls]'
DEMO_CAMPAIGN_ID: '[6525]'
DRUID_HOST: http://<druid_host:port>/druid/v2/sql
LOGGING_MODE: <live>
```

```
PORT: "<port>"
REGION: <region>
```



4. On successful deployment, validate the deployment as shown below.

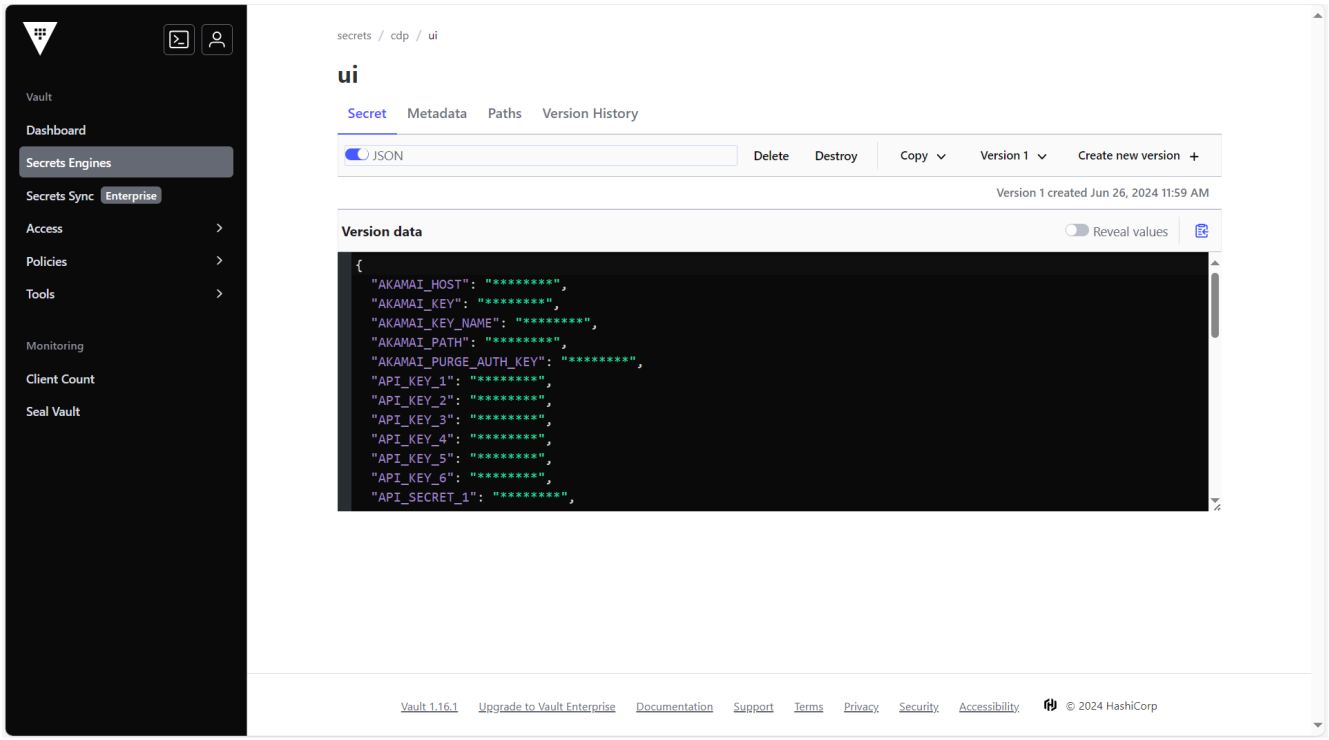


Deploying CDP Dash IFrame

This section provides detailed instructions on how to deploy HCL CDP Dash IFrame using the Devtron in the OpenShift.

Prerequisites:

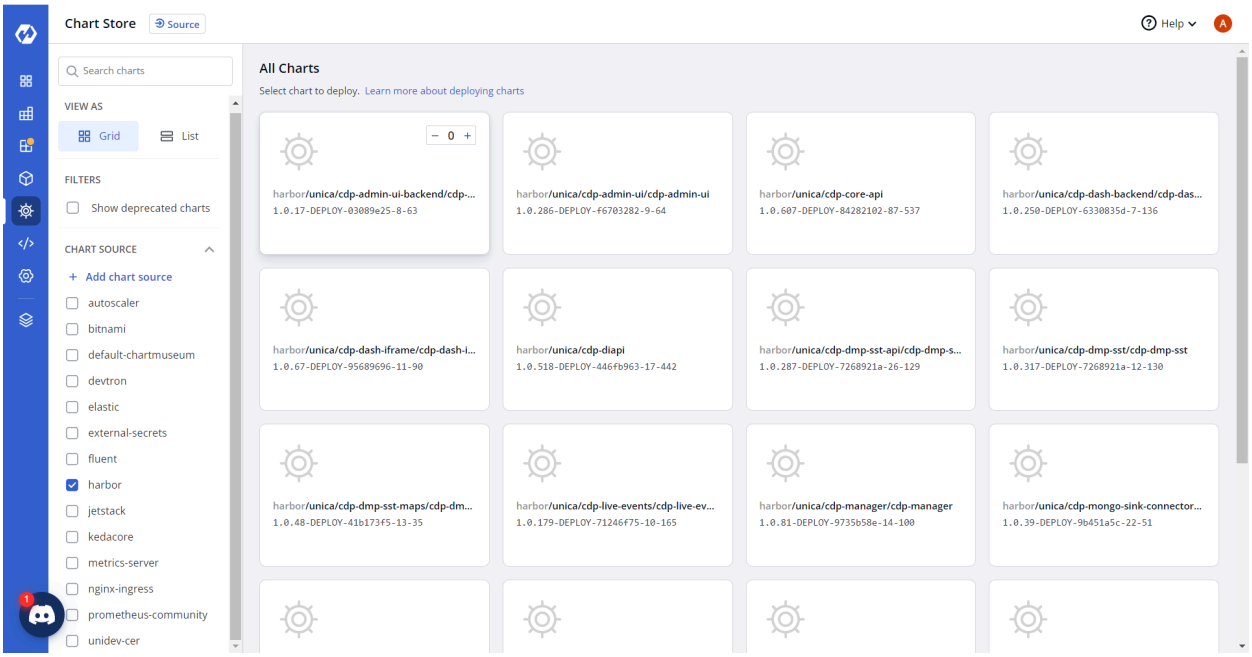
Make sure to create UI secret with required data in HashiCorp vault before deploying CDP Dash IFrame.



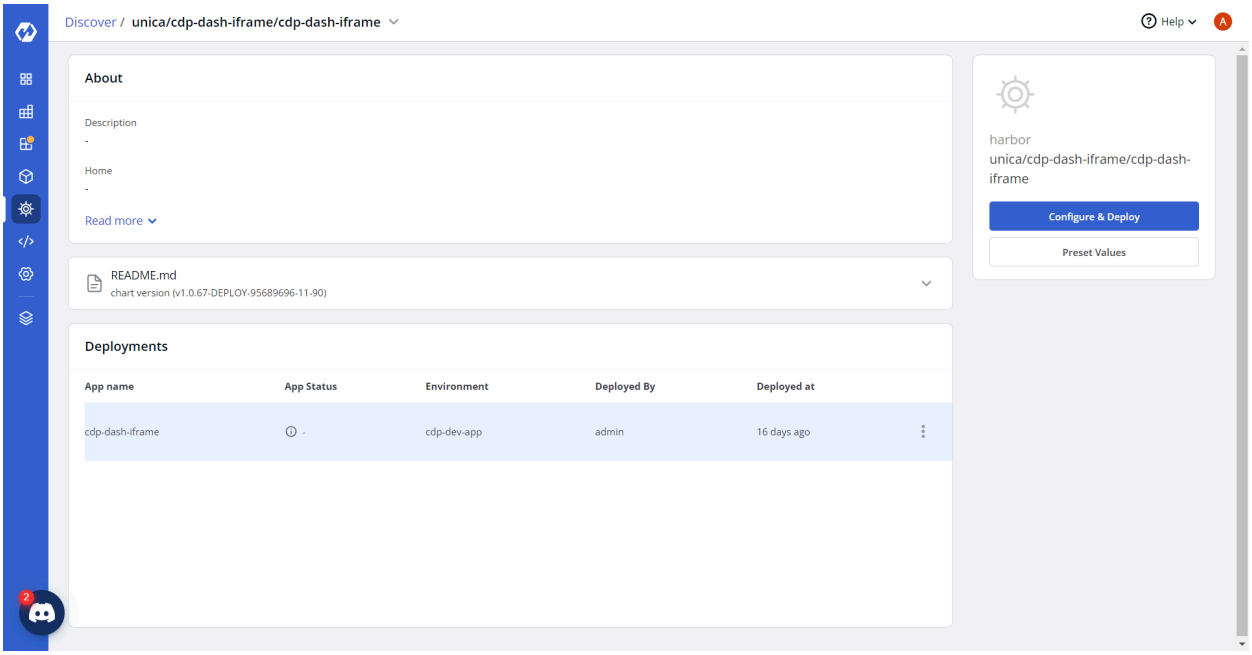
Deploying CDP Dash IFrame

To deploy the CDP Dash IFrame, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-dash-iframe chart to deploy.



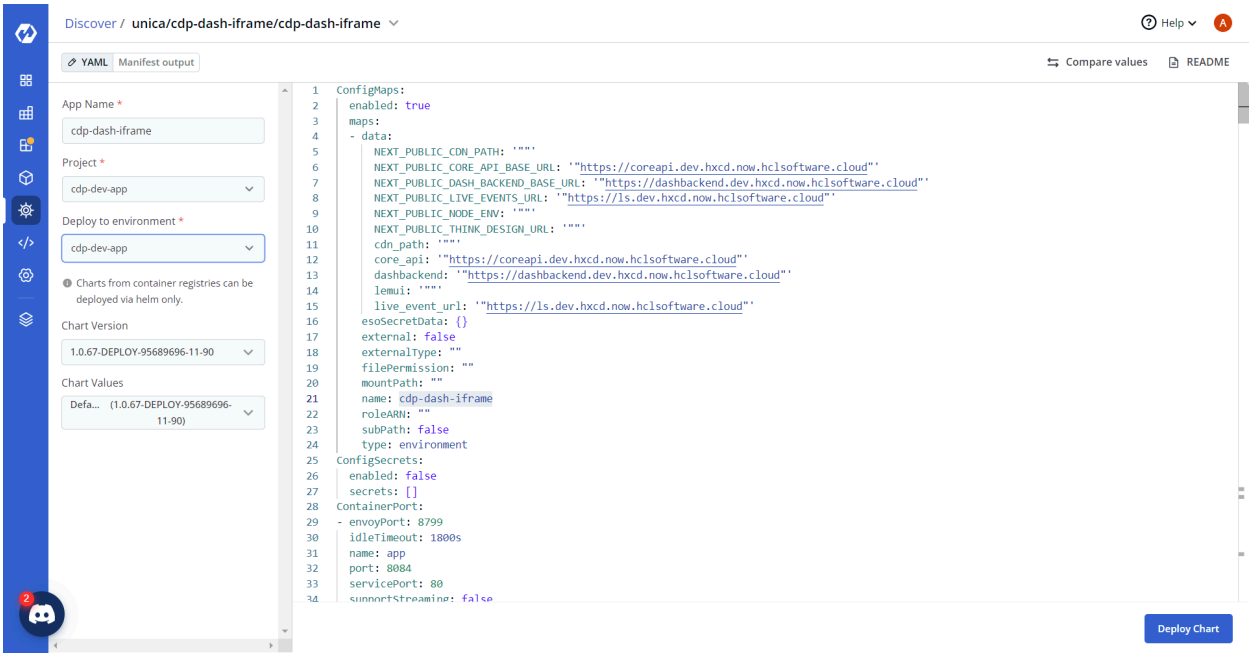
2. Now, configure and deploy the CDP Dash IFrame charts.



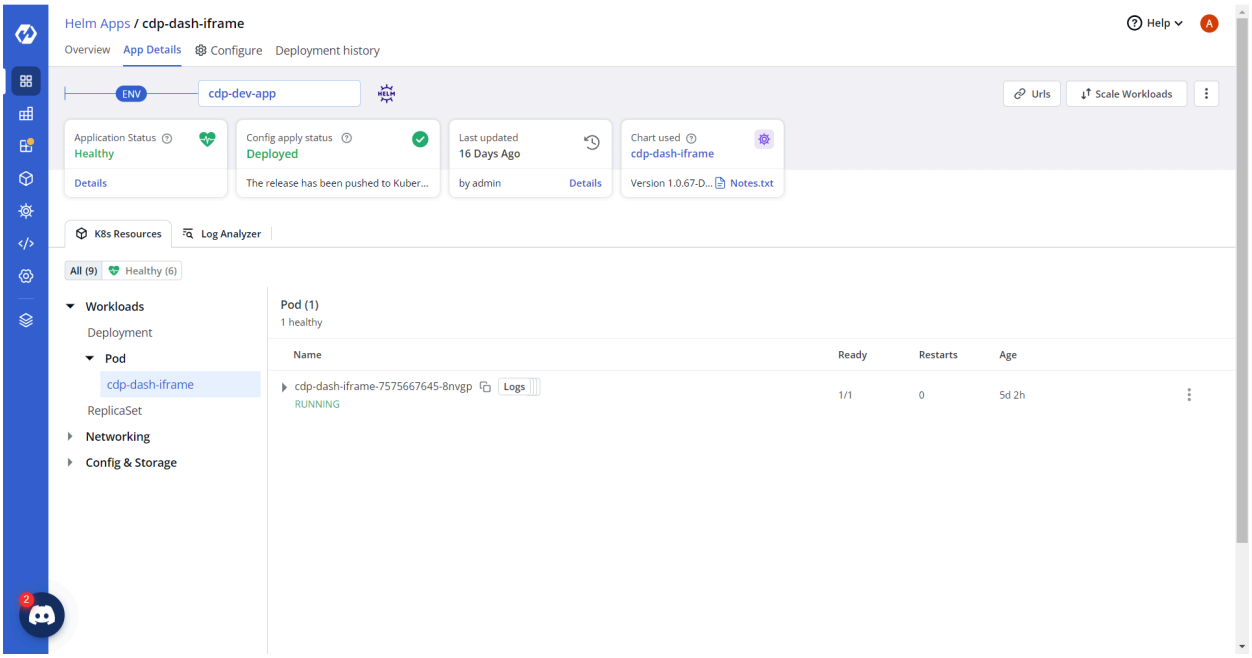
3. In the **YAML** section, update the ConfigMap using below details and deploy the charts.

```
NEXT_PUBLIC_CDN_PATH: '"'
 NEXT_PUBLIC_CORE_API_BASE_URL:<CORE_API_BASE_URL>
NEXT_PUBLIC_DASH_BACKEND_BASE_URL: <DASH_BACKEND_BASE_URL>
NEXT_PUBLIC_LIVE_EVENTS_URL: <LIVE_EVENTS_URL>
NEXT_PUBLIC_NODE_ENV: '"'
NEXT_PUBLIC_THINK_DESIGN_URL: '"'
```

```
cdn_path: '"'
core_api:<core_api_url>
dashbackend:<dashbackend_url>
lemui: '"'
live_event_url: <live_event_url>
```



4. On successful deployment, validate the deployment as shown below.

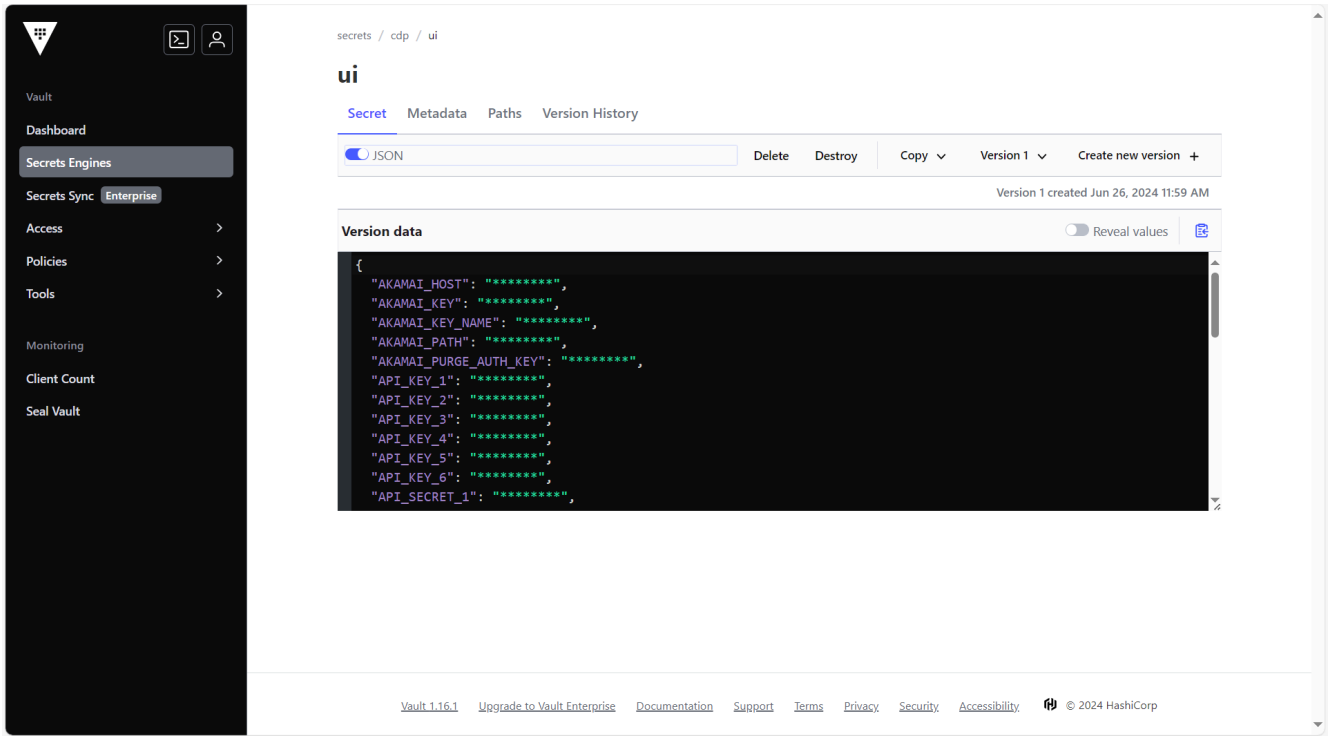


Deploying CDP Web App

This section provides detailed instructions on how to deploy HCL CDP Web App using the Devtron in the OpenShift.

Prerequisites:

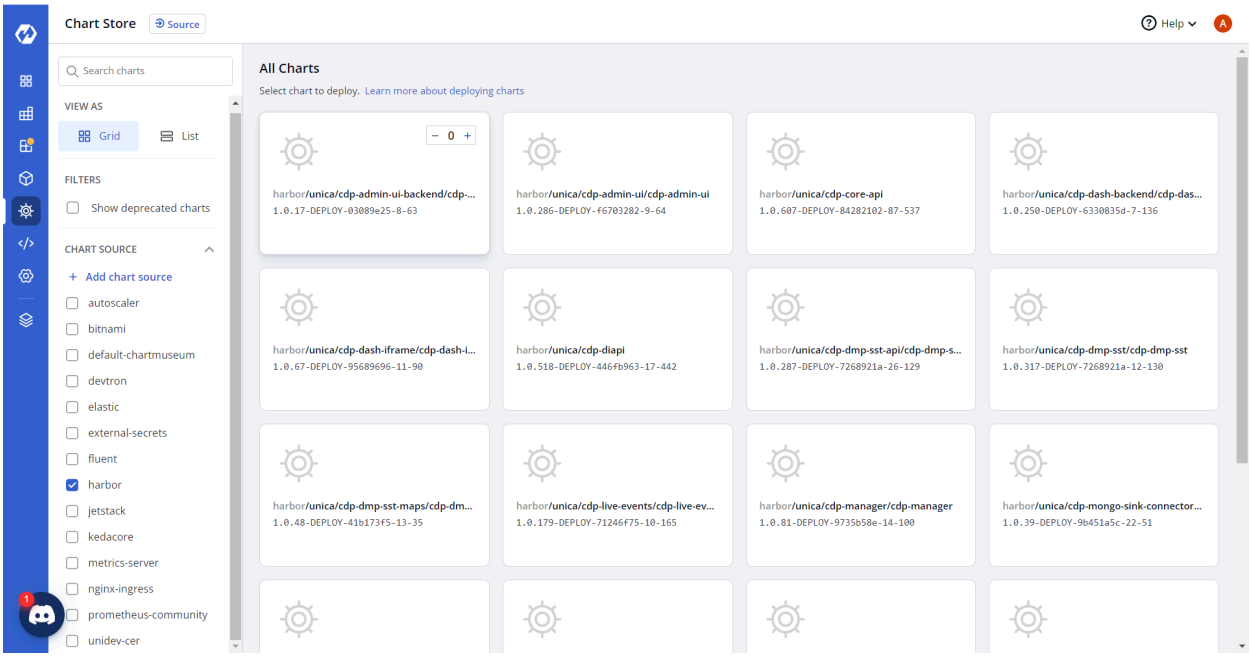
Make sure to create UI secret with required data in HashiCorp vault before deploying CDP Web App.



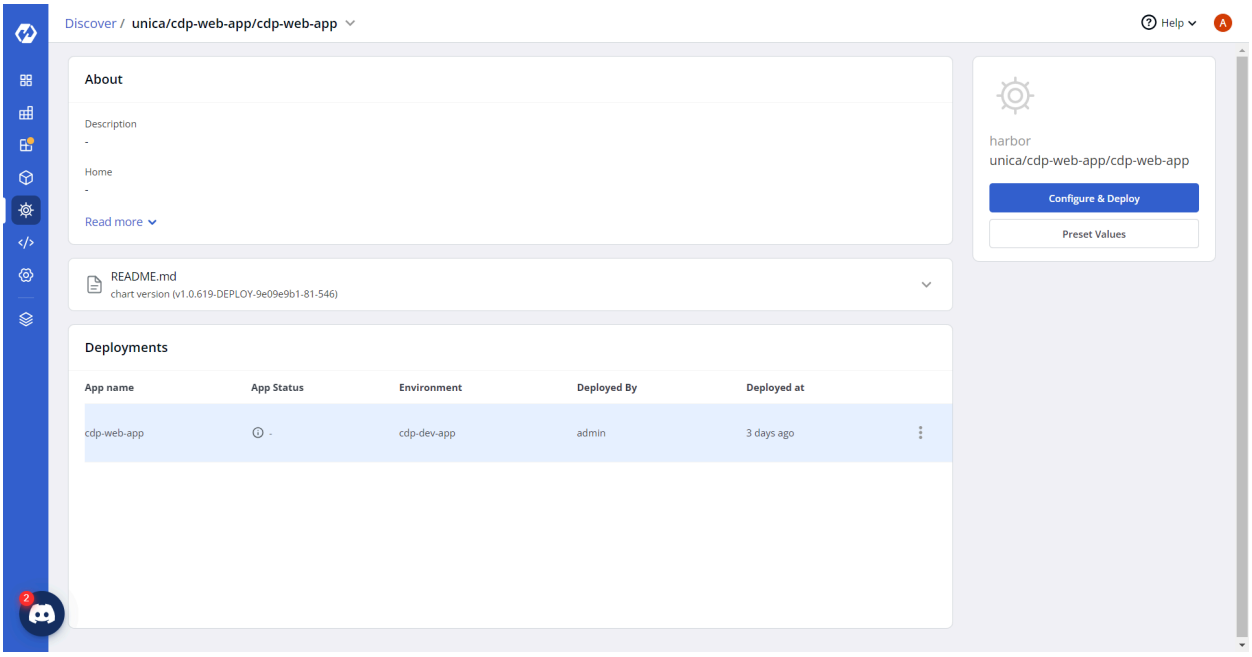
Deploying CDP Web App

To deploy the CDP Web App, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-web-app chart to deploy.



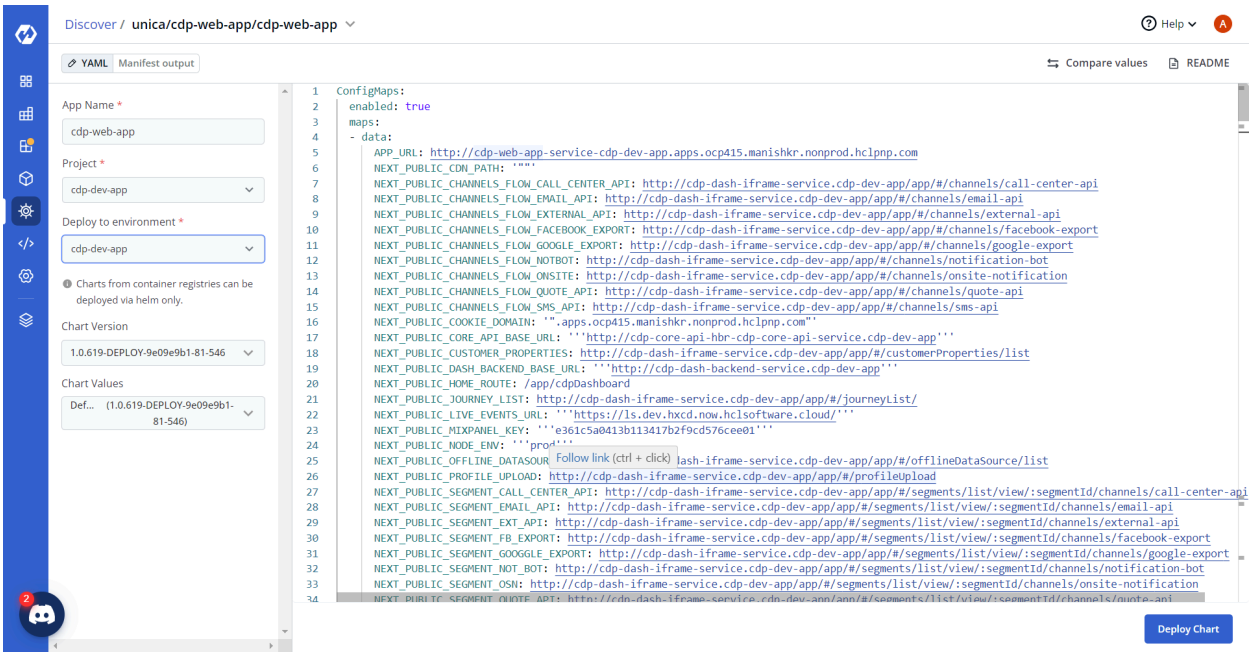
2. Now, configure and deploy the CDP Web App charts.



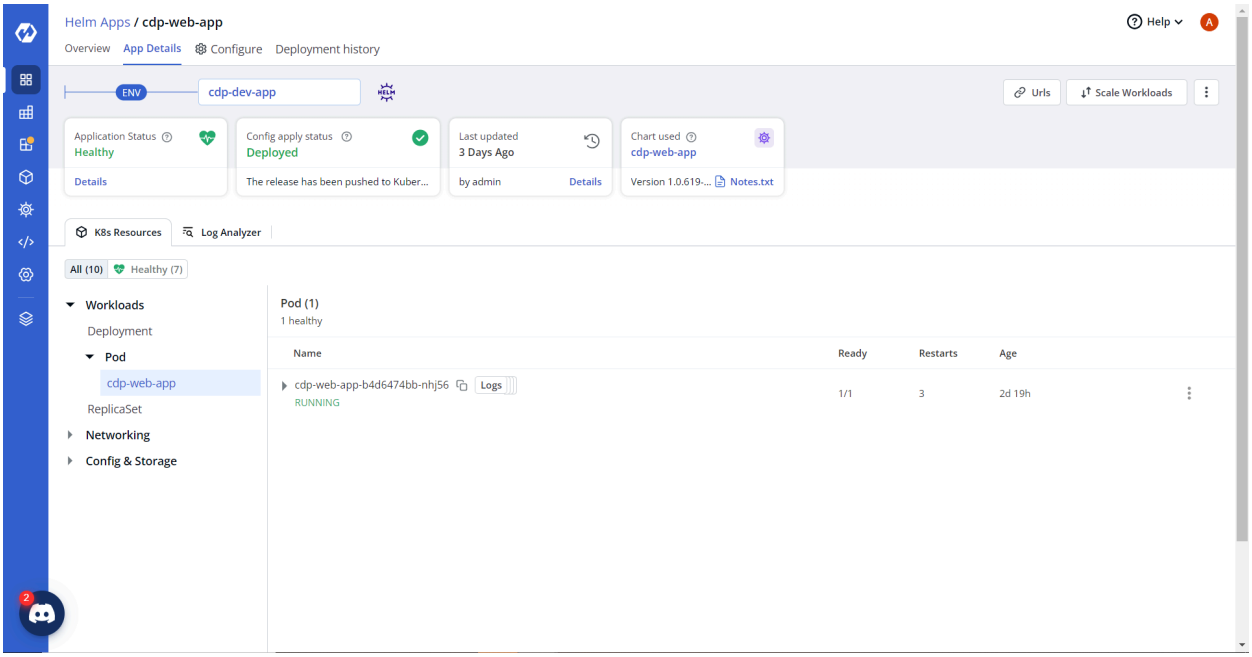
3. In the **YAML** section, update the ConfigMap using below details and deploy the charts.

```
APP_URL: <WebApp_URL>
NEXT_PUBLIC_CDN_PATH: '"'
NEXT_PUBLIC_CHANNELS_FLOW_CALL_CENTER_API: <dash_iframe_url>/app/#/channels/call-center-api
NEXT_PUBLIC_CHANNELS_FLOW_EMAIL_API: <dash_iframe_url>/app/#/channels/email-api
NEXT_PUBLIC_CHANNELS_FLOW_EXTERNAL_API: <dash_iframe_url>/app/#/channels/external-api
NEXT_PUBLIC_CHANNELS_FLOW_FACEBOOK_EXPORT: <dash_iframe_url>/app/#/channels/facebook-export
```

```
NEXT_PUBLIC_CHANNELS_FLOW_GOOGLE_EXPORT: <dash_iframe_url>/app/#/channels/google-export
NEXT_PUBLIC_CHANNELS_FLOW_NOTBOT: <dash_iframe_url>/app/#/channels/notification-bot
NEXT_PUBLIC_CHANNELS_FLOW_ONSITE: <dash_iframe_url>/app/#/channels/onsite-notification
NEXT_PUBLIC_CHANNELS_FLOW_QUOTE_API: <dash_iframe_url>/app/#/channels/quote-api
NEXT_PUBLIC_CHANNELS_FLOW_SMS_API: <dash_iframe_url>/app/#/channels/sms-api
NEXT_PUBLIC_COOKIE_DOMAIN: <COOKIE_DOMAIN>
NEXT_PUBLIC_CORE_API_BASE_URL: <CORE_API_BASE_URL>
NEXT_PUBLIC_CUSTOMER_PROPERTIES: <dash_iframe_url>/app/#/customerProperties/list
NEXT_PUBLIC_DASH_BACKEND_BASE_URL: <DASH_BACKEND_BASE_URL>
NEXT_PUBLIC_HOME_ROUTE: /app/cdpDashboard
NEXT_PUBLIC_JOURNEY_LIST: <dash_iframe_url>/app/#/journeyList/
NEXT_PUBLIC_LIVE_EVENTS_URL: <LIVE_EVENTS_URL>
NEXT_PUBLIC_MIXPANEL_KEY: <MIXPANEL_KEY>
NEXT_PUBLIC_NODE_ENV: '''prod'''
NEXT_PUBLIC_OFFLINE_DATASOURCE_LIST: <dash_iframe_url>/app/#/offlineDataSource/list
NEXT_PUBLIC_PROFILE_UPLOAD: <dash_iframe_url>/app/#/profileUpload
NEXT_PUBLIC_SEGMENT_CALL_CENTER_API:
 <dash_iframe_url>/app/#/segments/list/view/:segmentId/channels/call-center-api
NEXT_PUBLIC_SEGMENT_EMAIL_API: <dash_iframe_url>/app/#/segments/list/view/:segmentId/channels/email-api
NEXT_PUBLIC_SEGMENT_EXT_API: <dash_iframe_url>/app/#/segments/list/view/:segmentId/channels/external-api
NEXT_PUBLIC_SEGMENT_FB_EXPORT:
 <dash_iframe_url>/app/#/segments/list/view/:segmentId/channels/facebook-export
NEXT_PUBLIC_SEGMENT_GOOGGLE_EXPORT:
 <dash_iframe_url>/app/#/segments/list/view/:segmentId/channels/google-export
NEXT_PUBLIC_SEGMENT_NOT_BOT:
 <dash_iframe_url>/app/#/segments/list/view/:segmentId/channels/notification-bot
NEXT_PUBLIC_SEGMENT_OSN:
 <dash_iframe_url>/app/#/segments/list/view/:segmentId/channels/onsite-notification
NEXT_PUBLIC_SEGMENT_QUOTE_API: <dash_iframe_url>/app/#/segments/list/view/:segmentId/channels/quote-api
NEXT_PUBLIC_SEGMENT_SMS_API: <dash_iframe_url>/app/#/segments/list/view/:segmentId/channels/sms-api
NEXT_PUBLIC_SENTRY_DSN: ''''''
NEXT_PUBLIC_THINK_DESIGN_URL: '''<dash_iframe_url>'''
SENTRY_PROJECT: '''us-tkd'''
SERVER_NAME: <WebApp_server_name>
```



4. On successful deployment, validate the deployment as shown below.

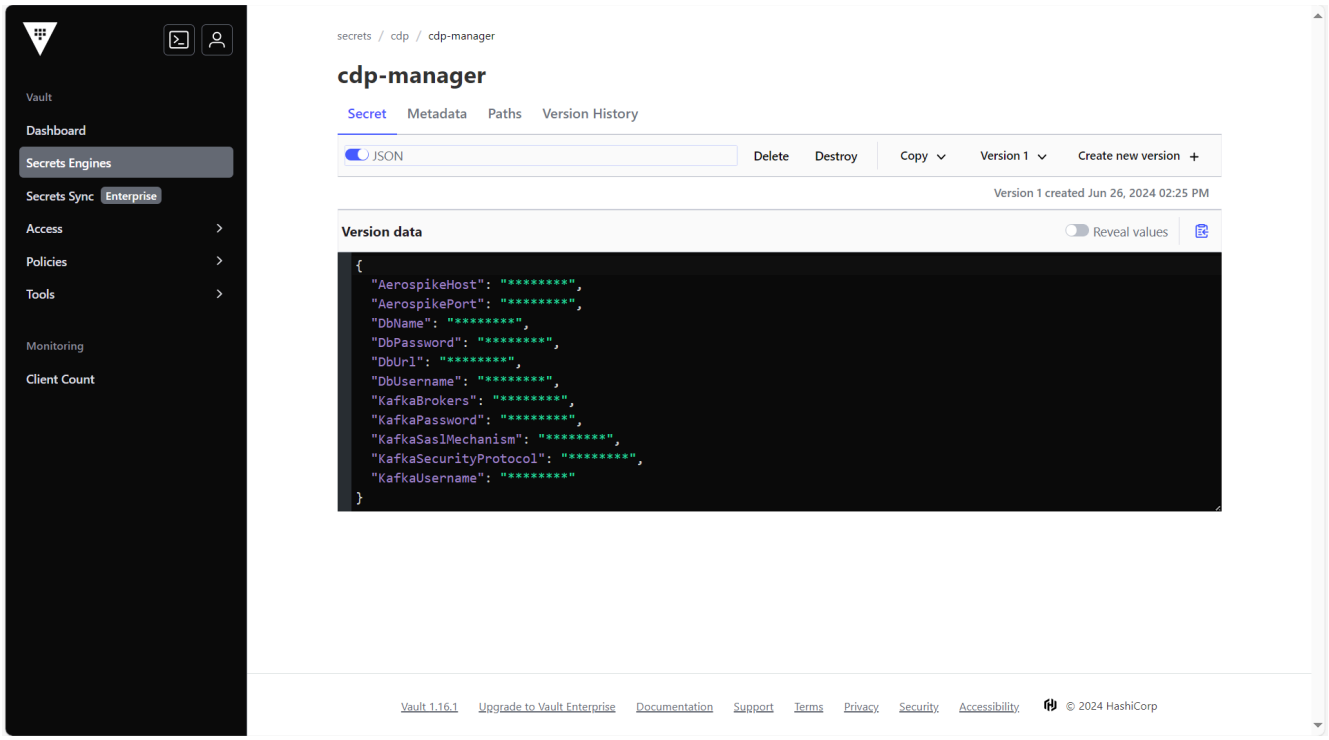


Deploying CDP Manager

This section provides detailed instructions on how to deploy HCL CDP Manager using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP Manager.



To create the UI secret in HashiCorp Vault, follow the steps below:

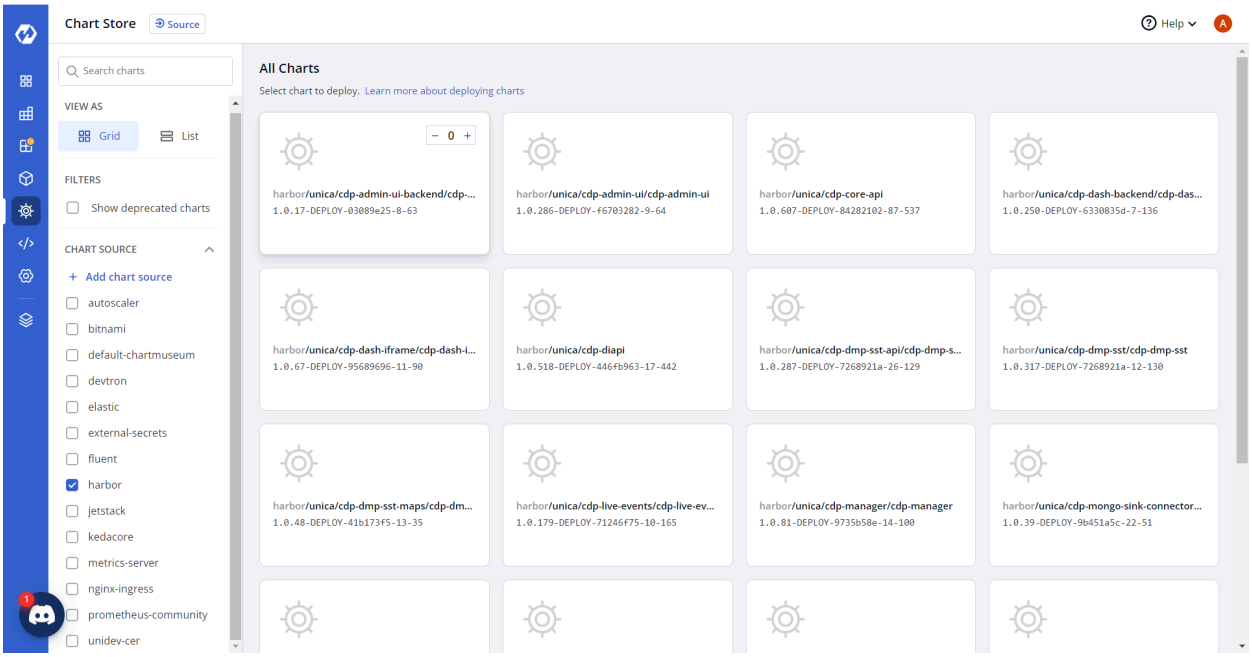
1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

```
{
  "AerospikeHost": "<AerospikeHost>",
  "AerospikePort": "<AerospikePort>",
  "DbName": "<DbName>",
  "DbPassword": "<DbPassword>",
  "DbUrl": "<ip:port>",
  "DbUsername": "<DbUsername>",
  "KafkaBrokers": "<KafkaBrokers>",
  "KafkaPassword": "<KafkaPassword>",
  "KafkaSaslMechanism": "<KafkaSaslMechanism>",
  "KafkaSecurityProtocol": "<KafkaSecurityProtocol>",
  "KafkaUsername": "<KafkaUsername>"
}
```

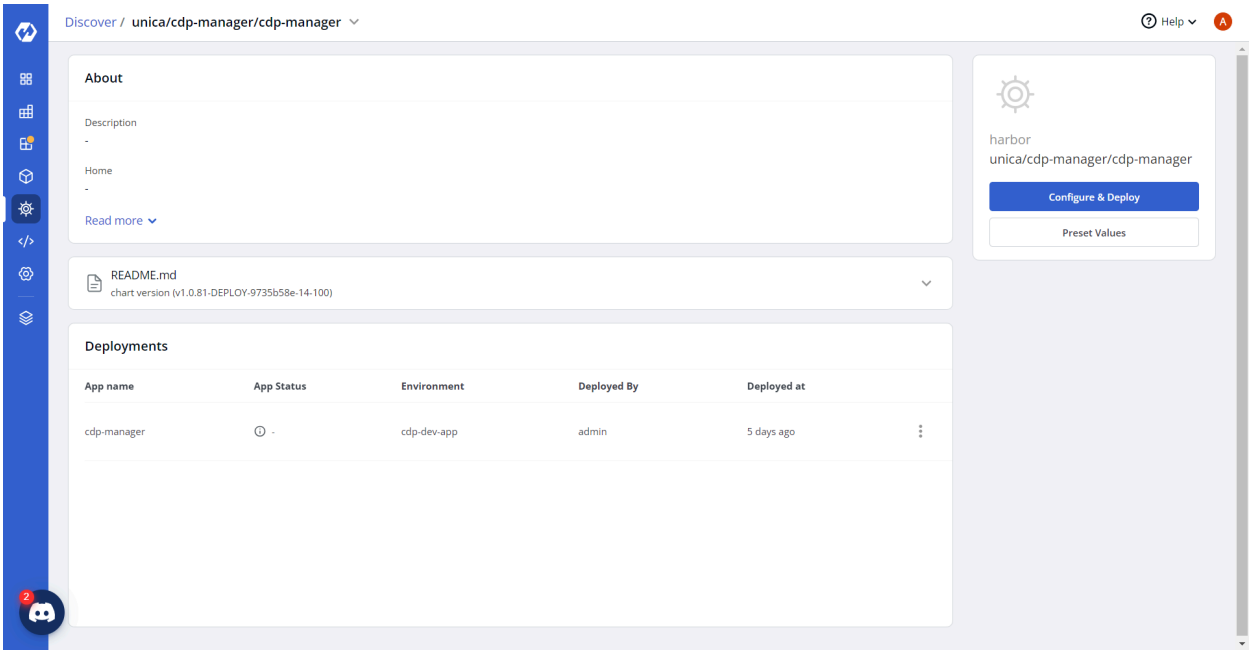
Deploying CDP Manager

To deploy the CDP Manager, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-manager chart to deploy.



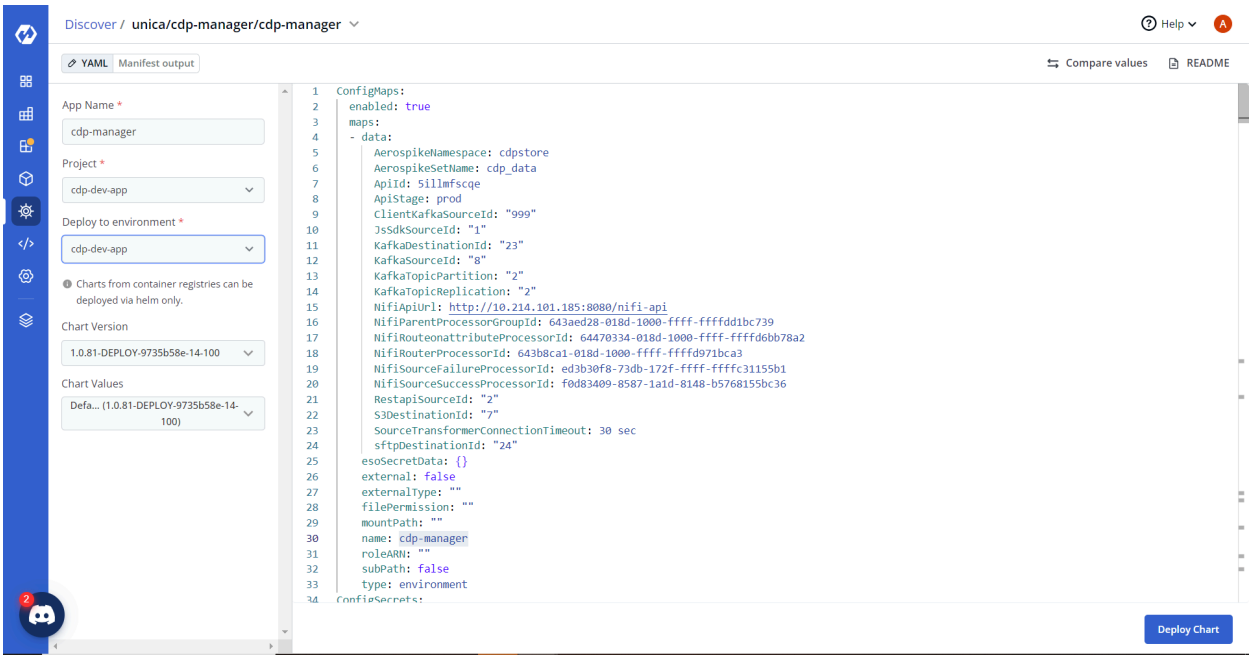
2. Now, configure and deploy the CDP Manager charts.



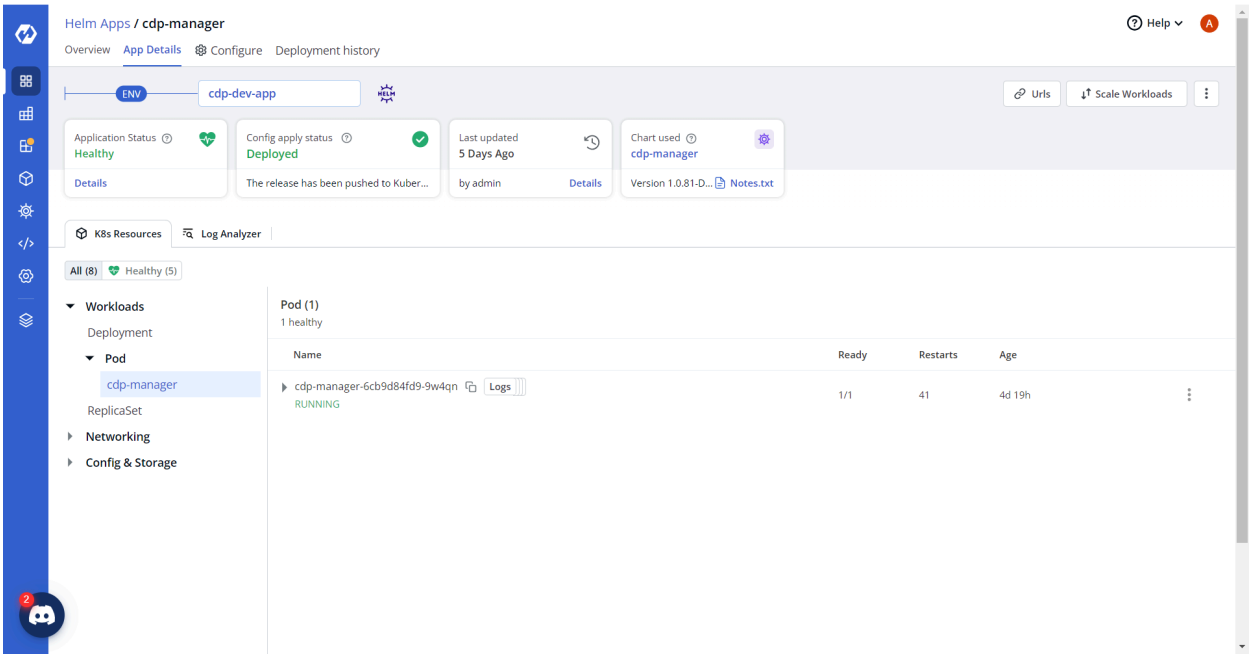
3. In the **YAML** section, update the ConfigMap using below details and deploy the charts.

```
AerospikeNamespace: <AerospikeNamespace>
AerospikeSetName: <AerospikeSetName>
NifiApiUrl: http://<ip:port>/nifi-api
NifiParentProcessorGroupId: <NifiParentProcessorGroupId>
NifiRouteonattributeProcessorId: <NifiRouteonattributeProcessorId>
NifiRouterProcessorId: <NifiRouterProcessorId>
```

```
NifiSourceFailureProcessorId: <NifiSourceFailureProcessorId>
NifiSourceSuccessProcessorId: <NifiSourceSuccessProcessorId>
```



4. On successful deployment, validate the deployment as shown below.

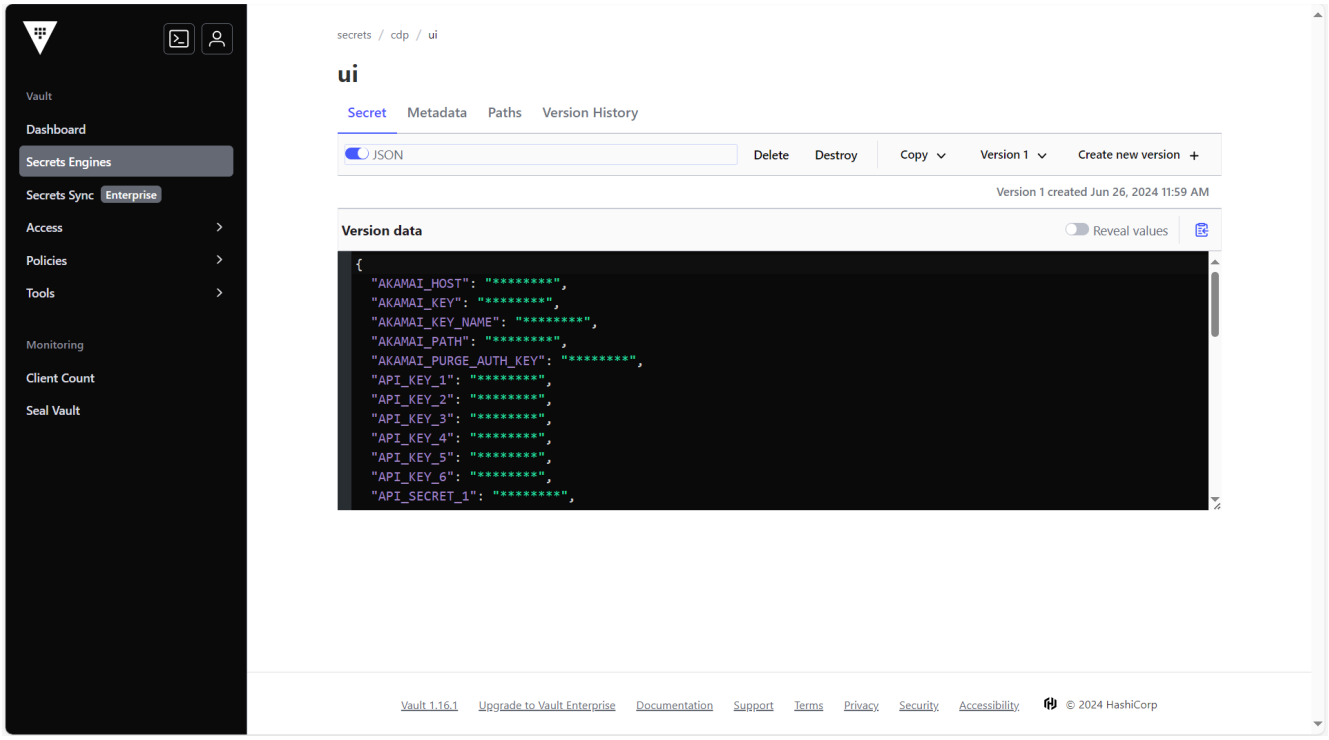


Deploying CDP Pixel Listener

This section provides detailed instructions on how to deploy HCL CDP Pixel Listener using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP Pixel Listener.



To create the UI secret in HashiCorp Vault, follow the steps below:

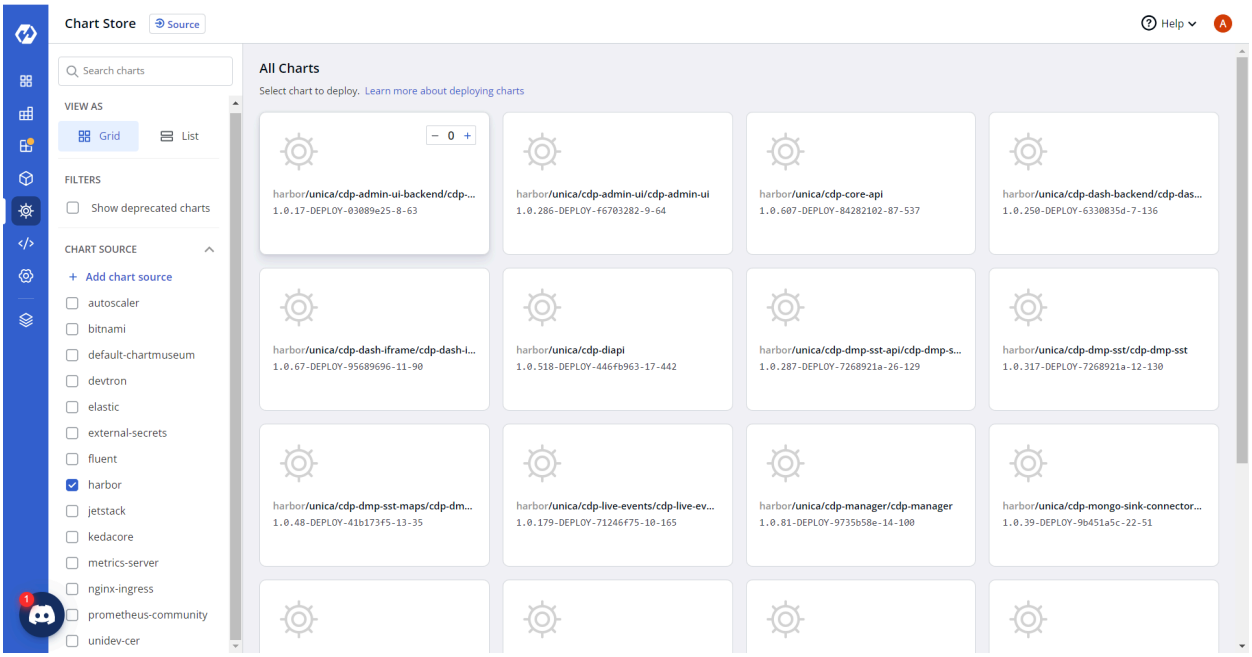
1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

```
{
  "ADCB_AERO_CLUSTER": "<Aerospike_ip:port>",
  "KAFKA_PRODUCER_CONFIG": "<KAFKA_PRODUCER_CONFIG>,
  "PII_AERO_APS1_HOST": "<Aerospike_ip>",
  "PII_AERO_APS1_PORT": "<Aerospike_port>",
  "PII_AERO_HOST": "<Aerospike_ip>",
  "PII_AERO_PORT": "<Aerospike_port>",
  "PII_AERO_USE1_HOST": "<Aerospike_ip>",
  "PII_AERO_USE1_PORT": "<Aerospike_port>",
  "TSDB_HOST": "<TSDB_HOST>",
  "TSDB_PORT": "<TSDB_PORT>",
  "VRM_DB_PASSWORD": "<VRM_DB_PASSWORD>",
  "VRM_DB_URL": "jdbc:mariadb://<ip:port>/<dbName>",
  "VRM_DB_USER": "<VRM_DB_USER>"
}
```

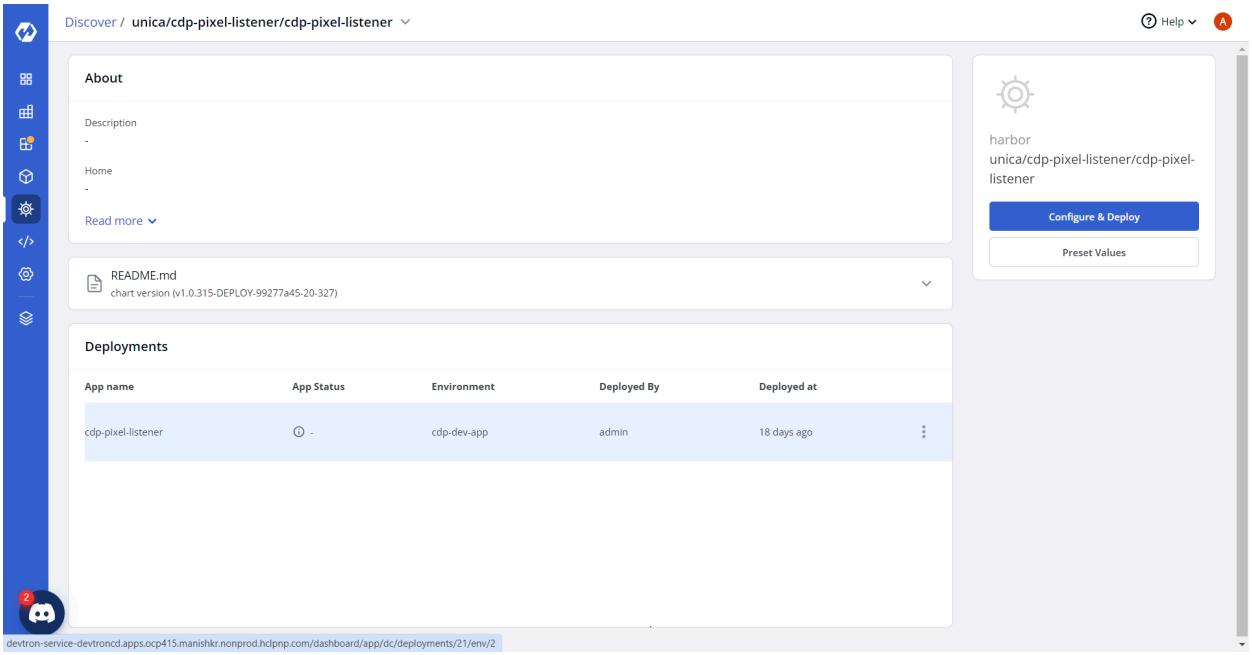
Deploying CDP Pixel Listener

To deploy the CDP Pixel Listener, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-pixel-listener chart to deploy.

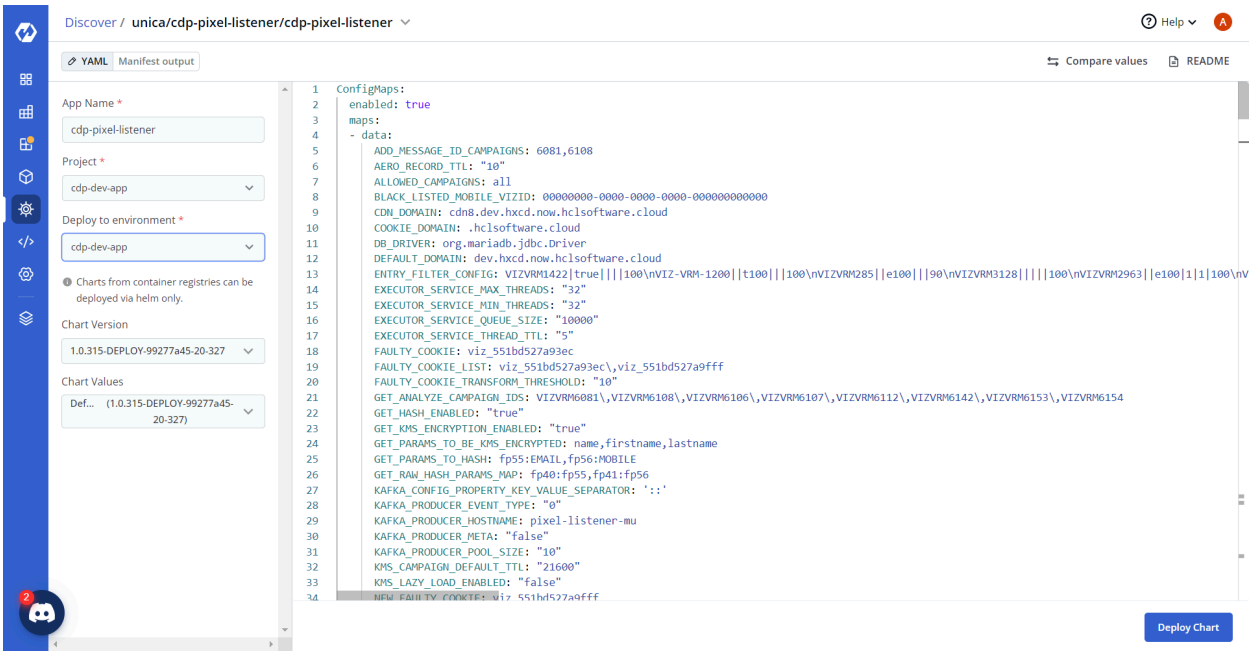


2. Now, configure and deploy the CDP Pixel Listener charts.

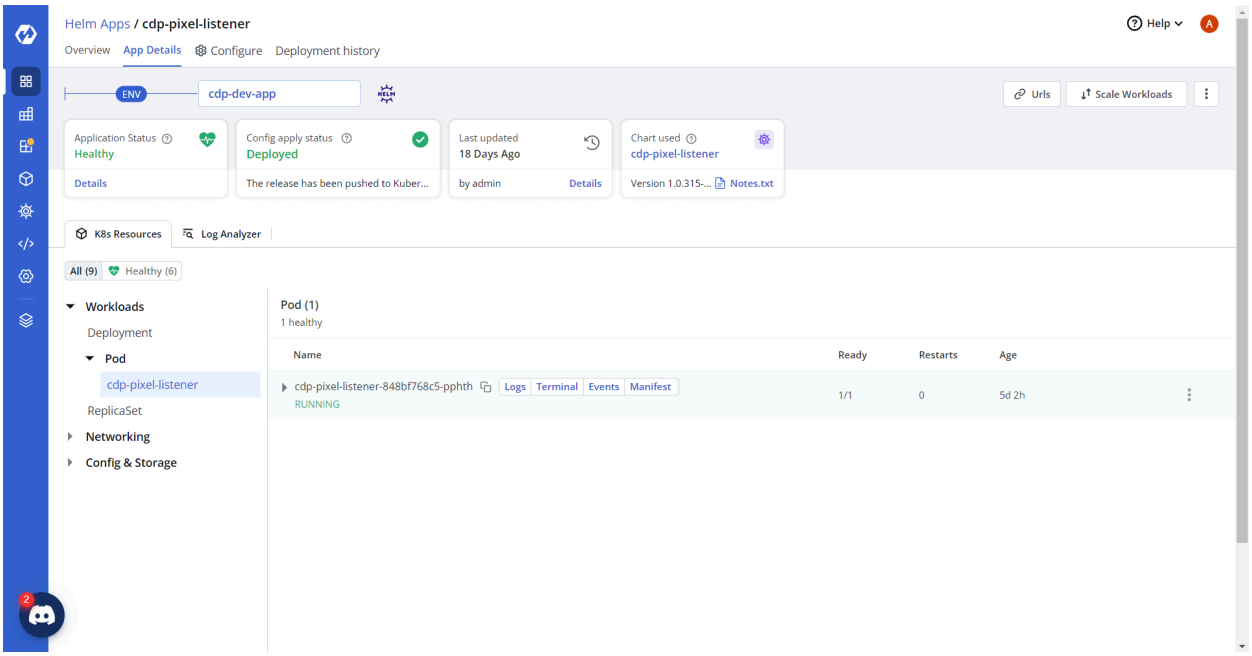


3. In the **YAML** section, update the ConfigMap using below details and deploy the charts.

```
ALLOWED_CAMPAIGNS: all
CDN_DOMAIN: <CDN_DOMAIN>
COOKIE_DOMAIN: <COOKIE_DOMAIN>
DB_DRIVER: org.mariadb.jdbc.Driver
DEFAULT_DOMAIN: <DEFAULT_DOMAIN>
```



4. On successful deployment, validate the deployment as shown below.

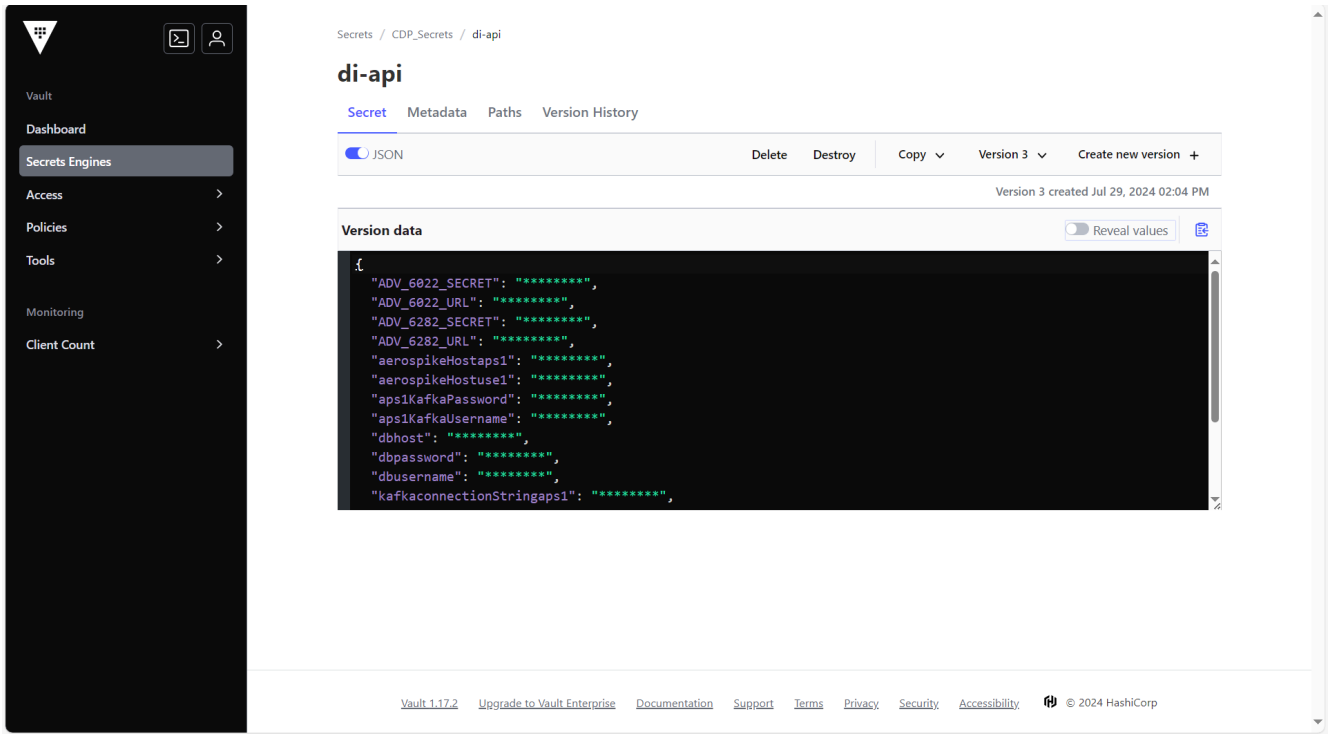


Deploying CDP DI API

This section provides detailed instructions on how to deploy HCL CDP DI API using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP DI API.



To create the UI secret in HashiCorp Vault, follow the steps below:

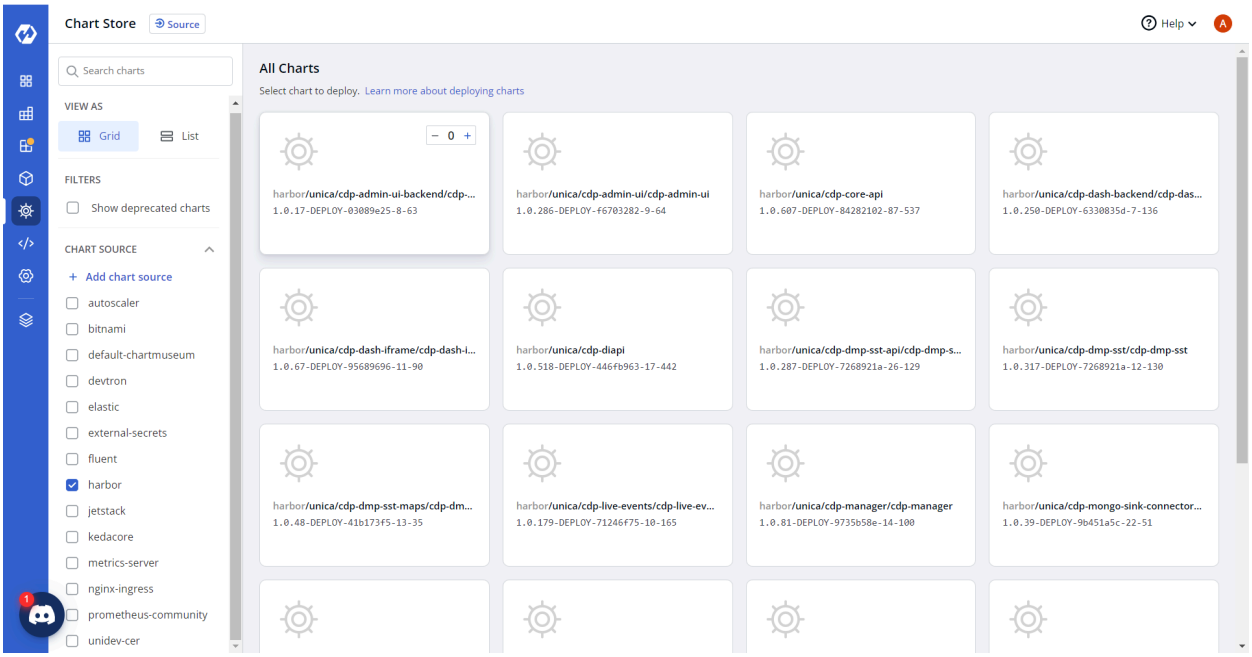
1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

```
{
  "ADV_6022_SECRET": "\"\"",
  "ADV_6022_URL": "\"\"",
  "ADV_6282_SECRET": "\"\"",
  "ADV_6282_URL": "\"\"",
  "aerospikeHostaps1": "\"<aerospikeHostaps1>\"",
  "aerospikeHostuse1": "\"\"",
  "aps1KafkaPassword": "\"<aps1KafkaPassword>\"",
  "aps1KafkaUsername": "\"<aps1KafkaUsername>\"",
  "dbhost": "\"<dbhost>\"",
  "dbpassword": "\"<dbpassword>\"",
  "dbusername": "\"<dbusername>\"",
  "kafkaconnectionStringaps1": "\"<kafkaconnectionStringaps1>\"",
  "kafkaconnectionStringuse1": "\"\"",
  "kmsUrl": "\"<kmsUrl>\"",
  "tdsbHost": "'<tdsbHost>'",
  "use1KafkaPassword": "\"\"",
  "use1KafkaUsername": "\"\""
}
```

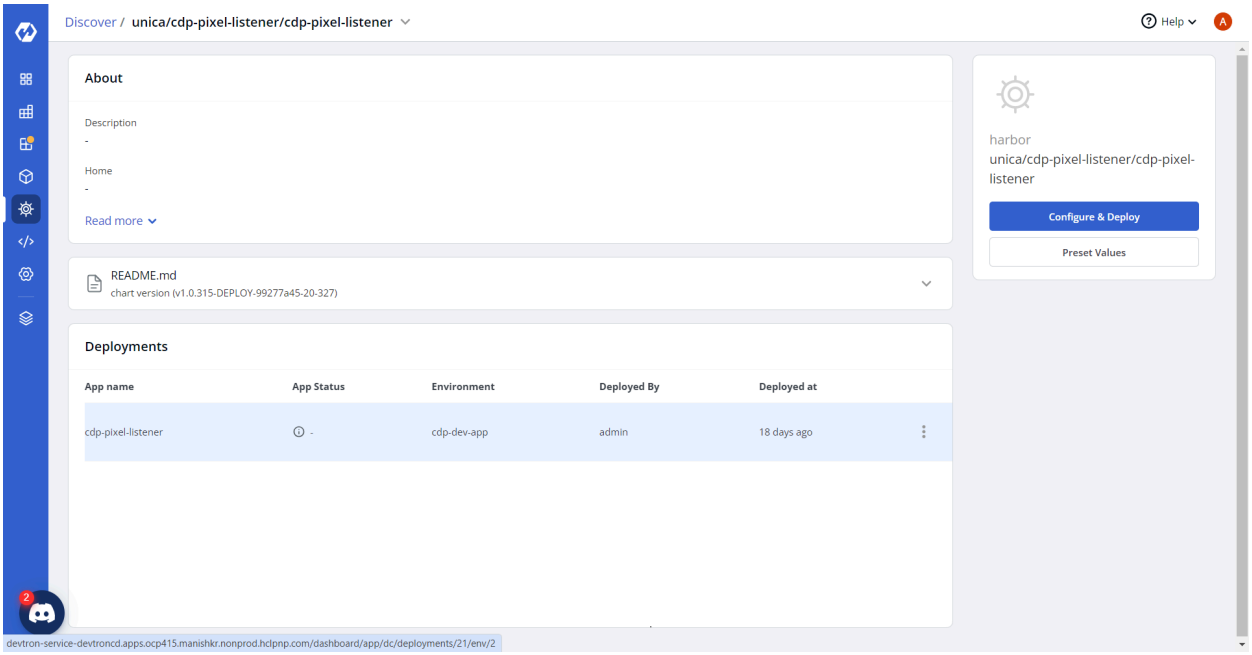
Deploying CDP DI API

To deploy the CDP DI API, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-di-api chart to deploy.



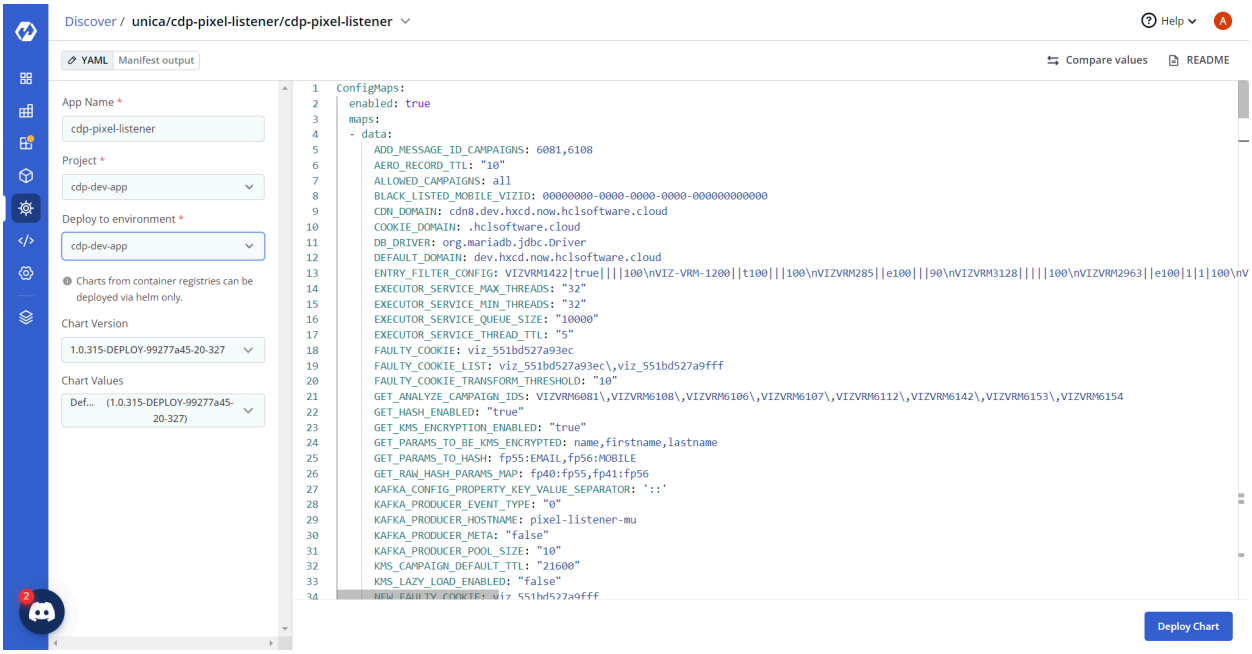
2. Now, configure and deploy the CDP DI API charts.



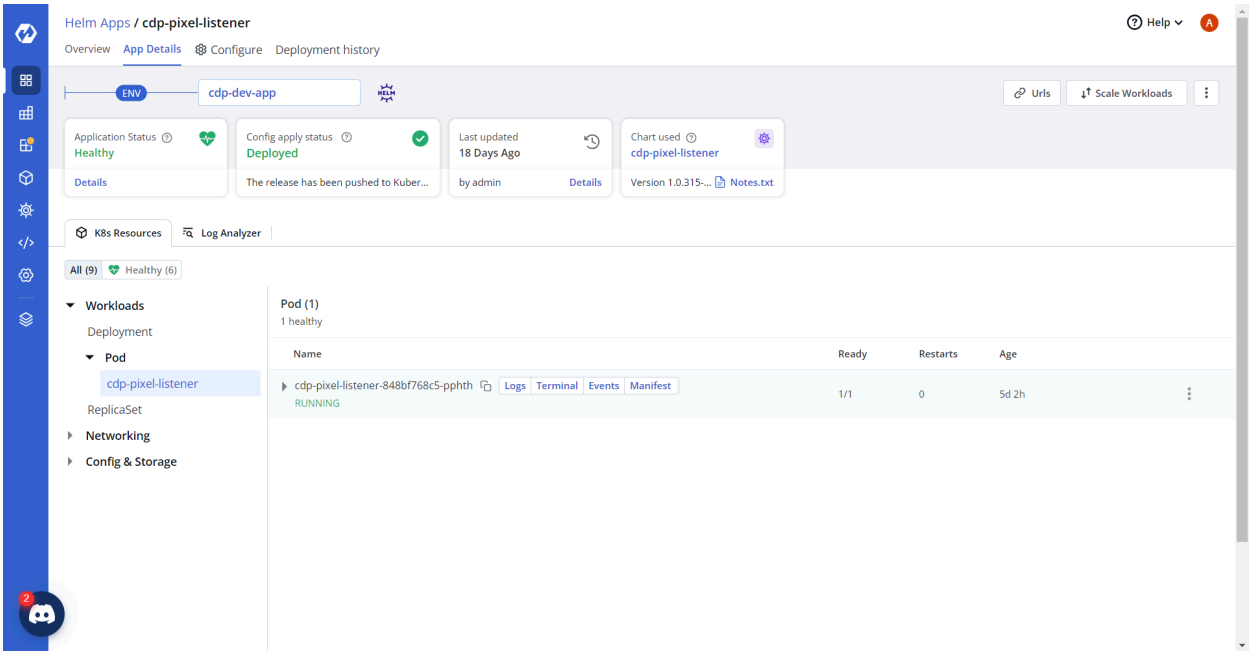
3. In the **YAML** section, update the ConfigMap using below details, and deploy the charts.

```
aerospikenamespaceaps1: cdpstore
aerospikenamespaceuse1: cdpstore
aps1KafkaAuthenticationTimeout: "5000"
aps1KafkaClientId: DMPDiapiProducer
aps1KafkaConnectionTimeout: "3000"
aps1KafkaReauthenticationThreshold: "10000"
```

```
aps1KafkaSslEnabled: "false"
cdpSenderTopic: cdp_fb_conv_api
database: vrm
dbconnectionLimit: "1"
dbport: "3306"
fromEmail: ""
isEncryptionEnabled: "true"
kafkaProducerEventType: "104"
kafkaRegions: '{"AP_SOUTH_1": "aps1"}'
kafkaSaslMechanism: SCRAM-SHA-512
kafkasource: dataingestionapi
kafkatopic: dmp_sst_nba_di_api
nodeProcessMemoryLimit: 1500M
toEmail: ""
use1KafkaAuthenticationTimeout: "5000"
use1KafkaClientId: DMPDiapiProducer
use1KafkaConnectionTimeout: "3000
use1KafkaReauthenticationThreshold: "10000
use1KafkaSslEnabled: "false"
```



4. On successful deployment, validate the deployment as shown below.

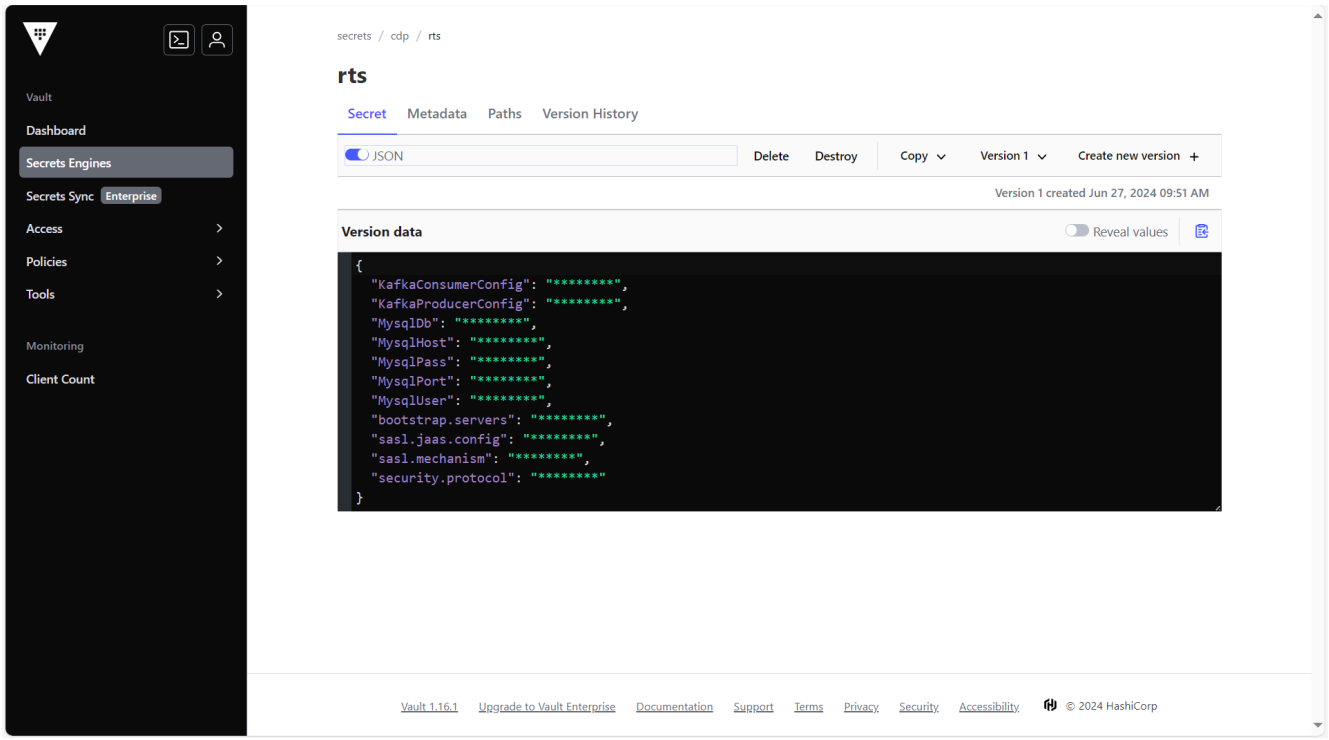


Deploying CDP RTS

This section provides detailed instructions on how to deploy HCL CDP RTS using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP RTS.



To create the UI secret in HashiCorp Vault, follow the steps below:

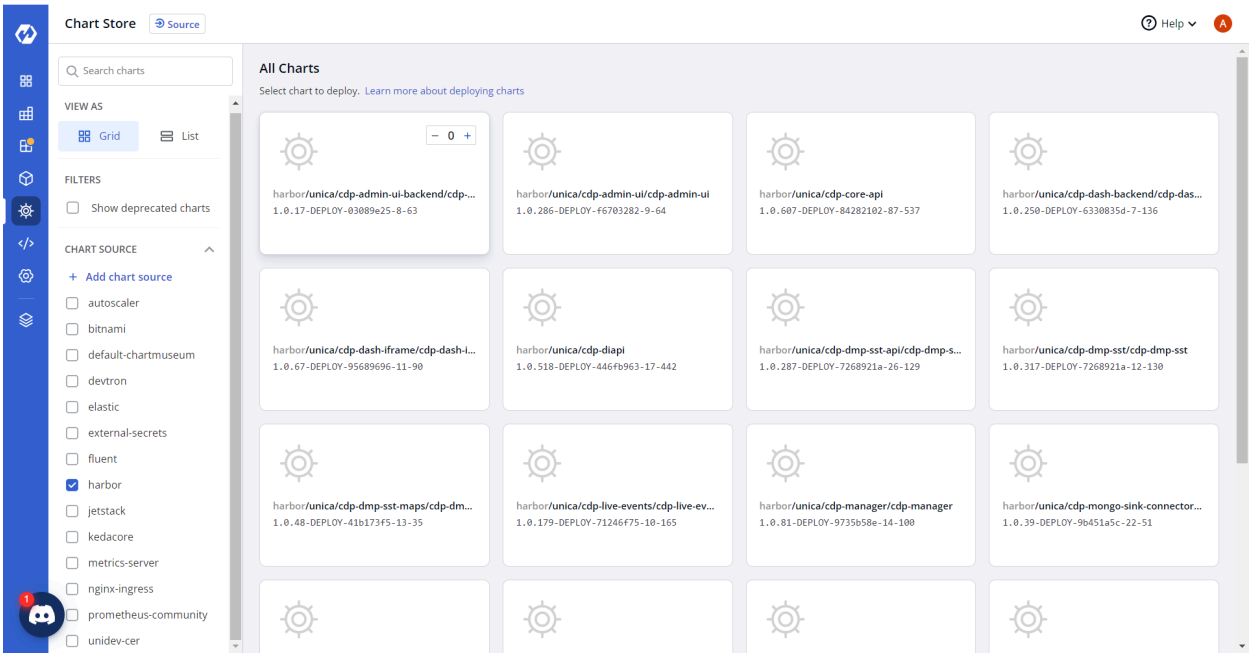
1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

```
{
  "KafkaConsumerConfig": "<KafkaConsumerConfig>",
  "KafkaProducerConfig": "<KafkaProducerConfig>",
  "MysqlDb": "<MysqlDb>",
  "MysqlHost": "<MysqlHost>",
  "MysqlPass": "<MysqlPass>",
  "MysqlPort": "<MysqlPort>",
  "MysqlUser": "<MysqlUser>",
  "bootstrap.servers": "<bootstrap.servers>",
  "sasl.mechanism": "<sasl.mechanism>",
  "security.protocol": "<security.protocol>"
}
```

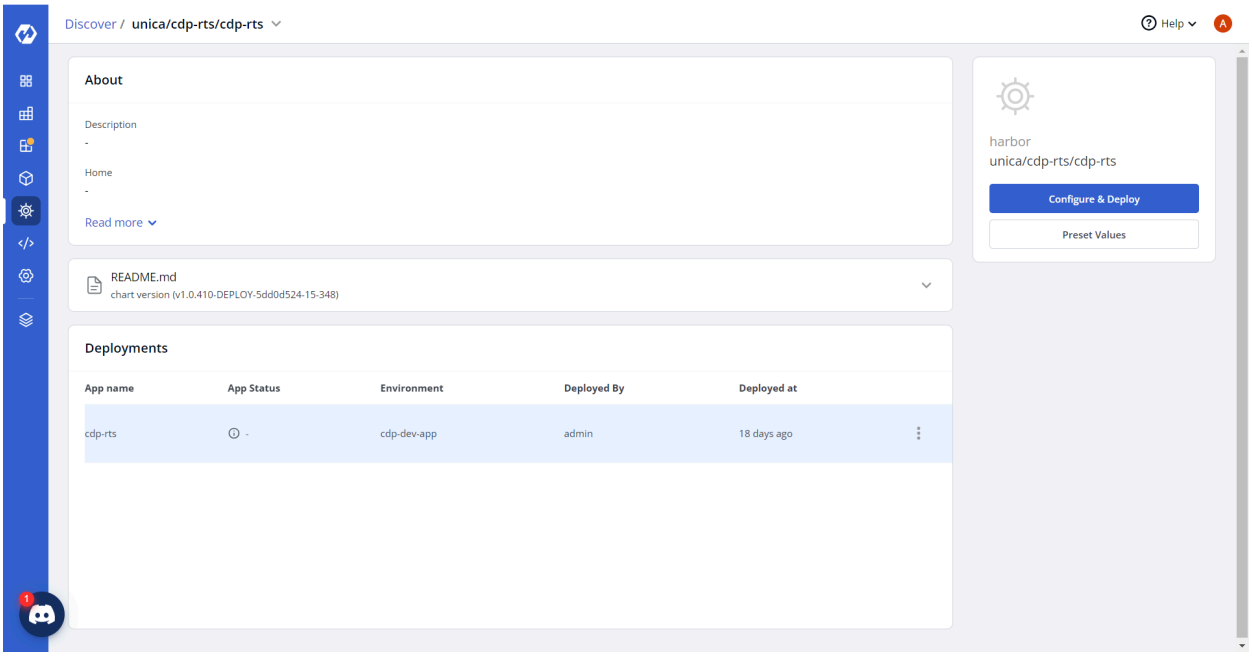
Deploying CDP RTS

To deploy the CDP RTS, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-rts chart to deploy.



2. Now, configure and deploy the CDP RTS charts.

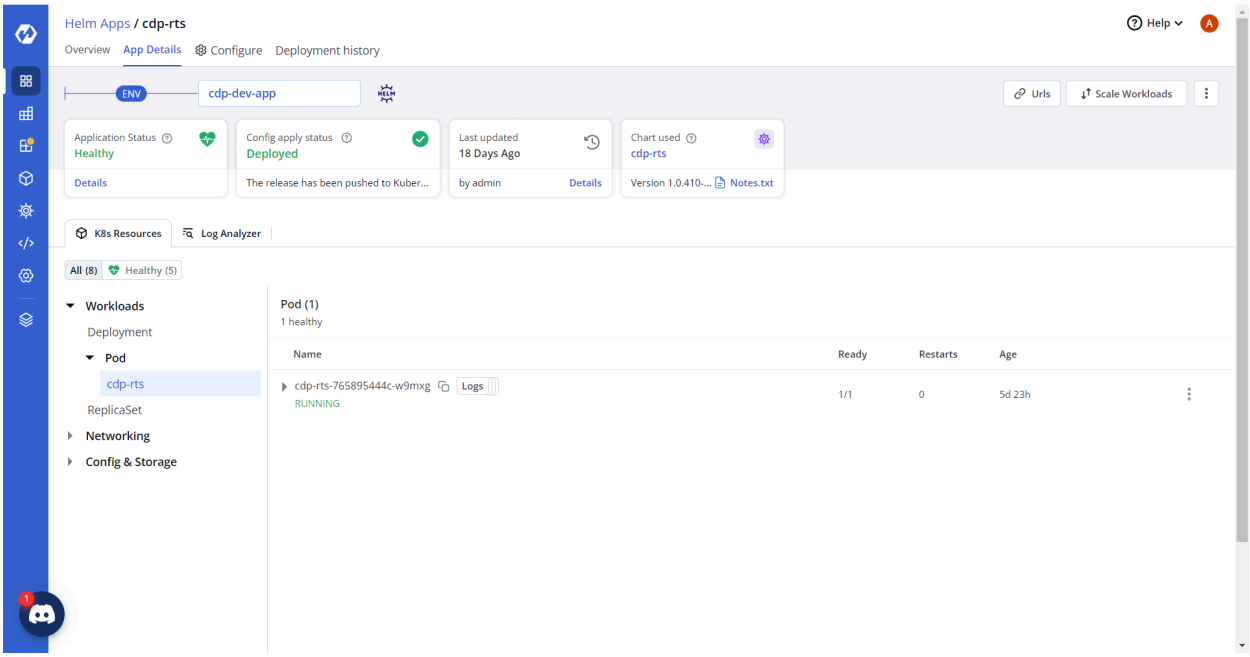


3. In the **YAML** section, update the ConfigMap using below details, and deploy the charts.

```
FROM_EMAIL: <FROM_EMAIL>
KAFKA_CONSUMER_GROUP_ID: <k8s-rts-prod>
KAFKA_PRODUCER_FAILURE_TOPIC: <dmp_rt_failure>
KAFKA_PRODUCER_RAMANUJAN_TOPIC: <dmp_rt_ramanujan>
KAFKA_PRODUCER_TOPIC: <dmp_rt_segments>
KAFKA_SST_TOPIC: <dmp_sst_rt_profile>
```

```
KAFKA_TOPIC_LIST: <dmp_sst_rt_profile>
MODEL_CONFIG_LOCAL_PATH: /disk1/rts/config/predictiveSegmentationModel.ini
MODEL_CONFIG_S3_PATH: s3://<s3_bucket_name>/sst/predictivesegments/rtson/predictiveSegmentationModel.ini
MODEL_CUTOFFS_LOCAL_PATH: /disk1/rts/config/predictiveSegmentationCutoffs.ini
MODEL_CUTOFFS_S3_PATH:
 s3://<s3_bucket_name>/sst/predictivesegments/rtson/predictiveSegmentationCutoffs.ini
PMML_MODEL_CONFIG_LOCAL_PATH: /disk1/rts/config/predictivesegments/pmml_model_config/
PMML_MODEL_CONFIG_S3_PATH: s3://<s3_bucket_name>/sst/predictivesegments/pmml_model_config/rtson/
PMML_MODEL_DIRECTORY_LOCAL_PATH: /disk1/rts/config/predictivesegments/pmml_models/
PMML_MODEL_DIRECTORY_S3_PATH: s3://<s3_bucket_name>/sst/predictivesegments/pmml_models/rtson/
TO_EMAIL: <TO_EMAIL>
TSDB_HOST: <TSDB_HOST>
TSDB_PORT: <TSDB_PORT>
```

4. On successful deployment, validate the deployment as shown below.

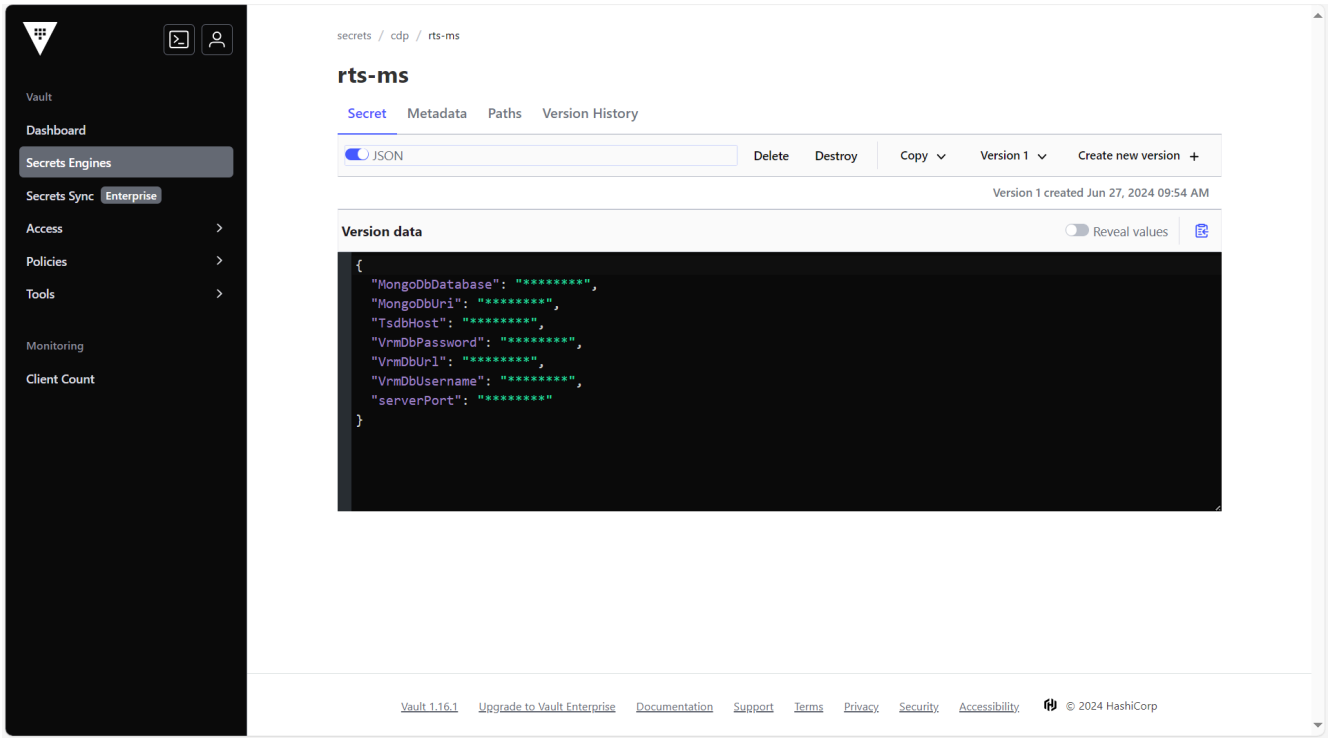


Deploying CDP RTS MD

This section provides detailed instructions on how to deploy HCL CDP RTS MS using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP RTS MS.



To create the UI secret in HashiCorp Vault, follow the steps below:

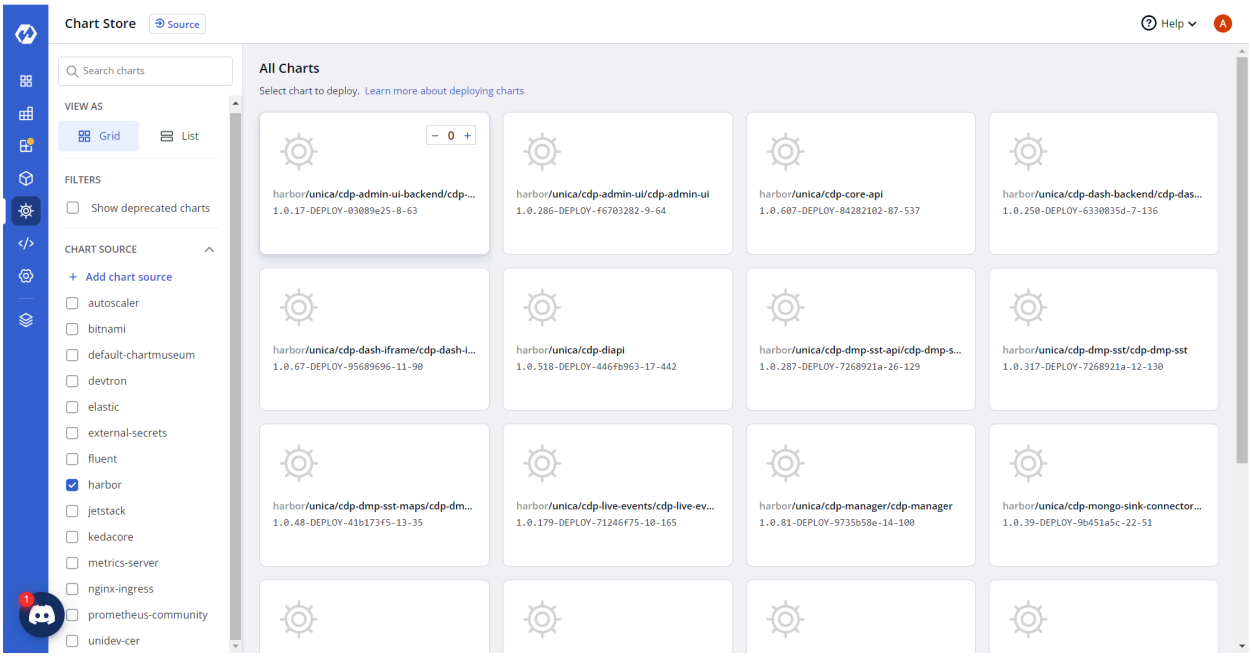
1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

```
{
  "MongoDbDatabase": "<MongoDbDatabase>",
  "MongoDbUri": "mongodb://<user>:<password>@<ip>:<port>/?directConnection=true",
  "TsdbHost": "<TsdbHost>",
  "VrmDbPassword": "<TsdbHost>",
  "VrmDbUrl": "jdbc:mariadb://<ip>:<port>/<dbName>?autoReconnect=true",
  "VrmDbUsername": "<VrmDbUsername>",
  "serverPort": "<serverPort>"
}
```

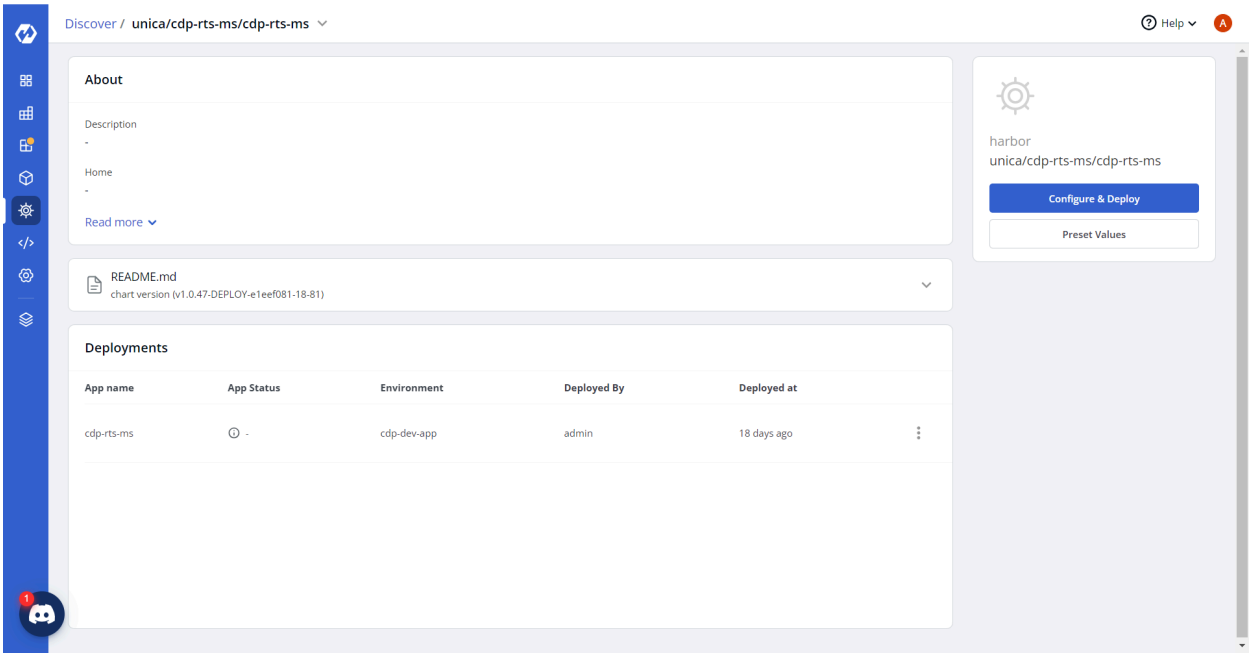
Deploying CDP RTS

To deploy the CDP RTS, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-rts chart to deploy.



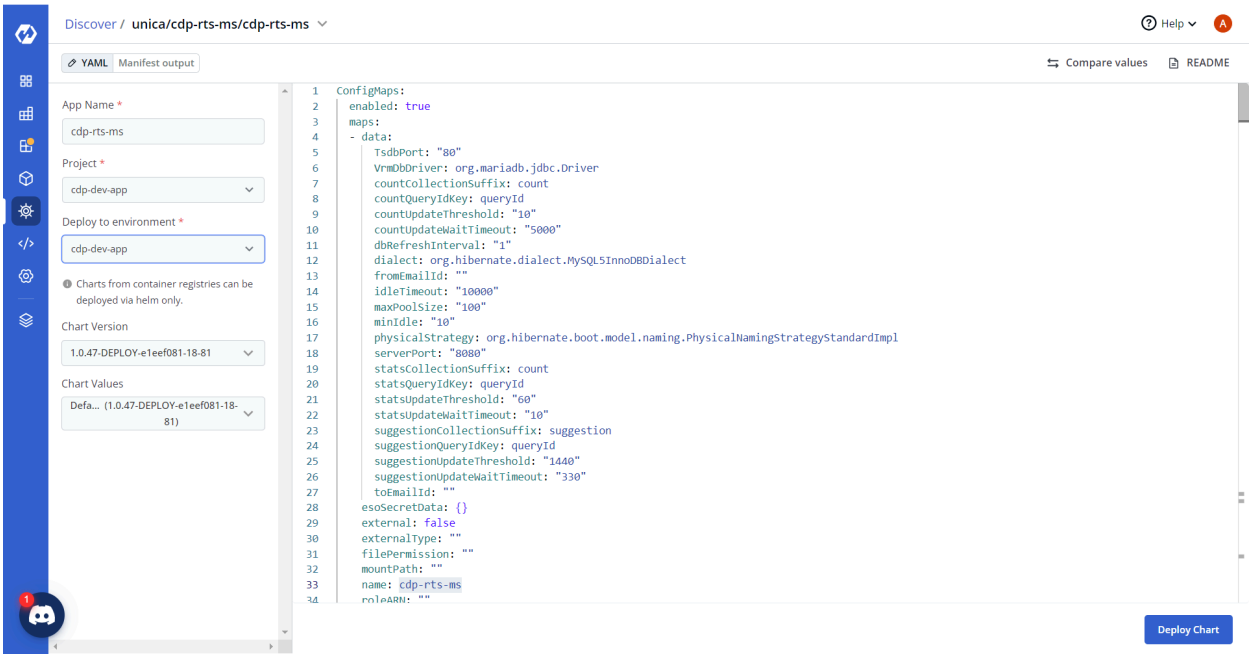
2. Now, configure and deploy the CDP RTS charts.



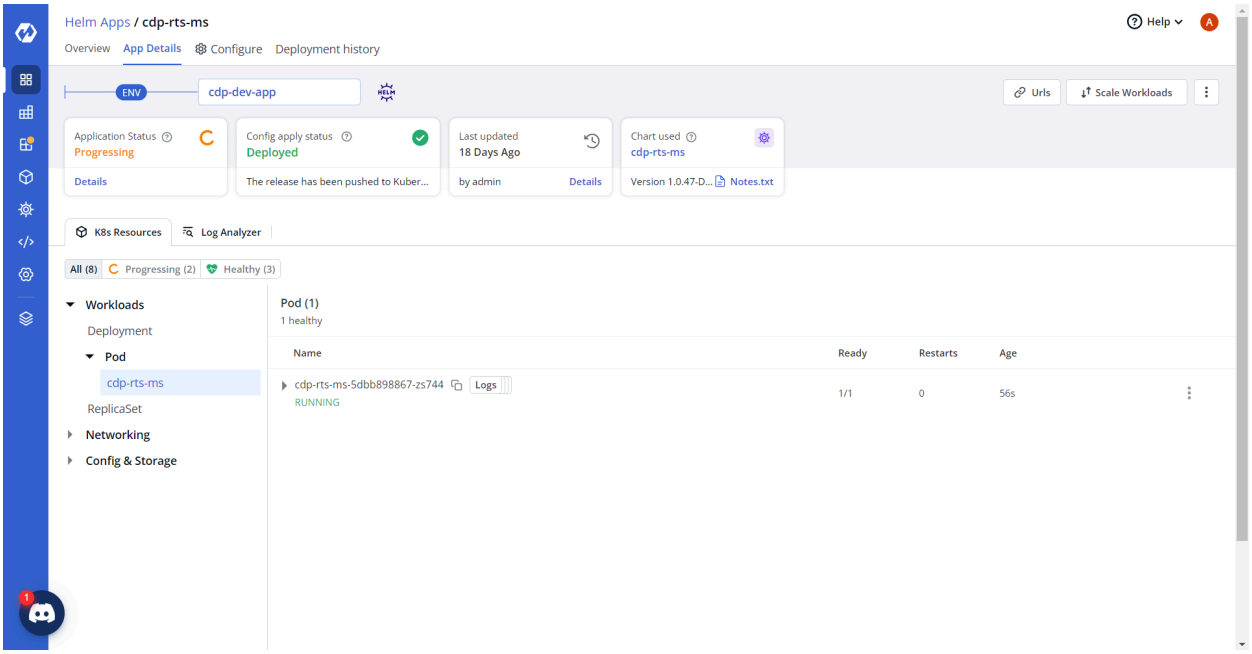
3. In the **YAML** section, update the ConfigMap using below details, and deploy the charts.

```
FROM_EMAIL: <FROM_EMAIL>
TO_EMAIL: <TO_EMAIL>
TSDB_HOST: <TSDB_HOST>
TSDB_PORT: <TSDB_PORT>
VrmDbDriver: <org.mariadb.jdbc.Driver>
dialect: <org.hibernate.dialect.MySQL5InnoDBDialect>
```

```
physicalStrategy: <org.hibernate.boot.model.naming.PhysicalNamingStrategyStandardImpl>
```



4. On successful deployment, validate the deployment as shown below.

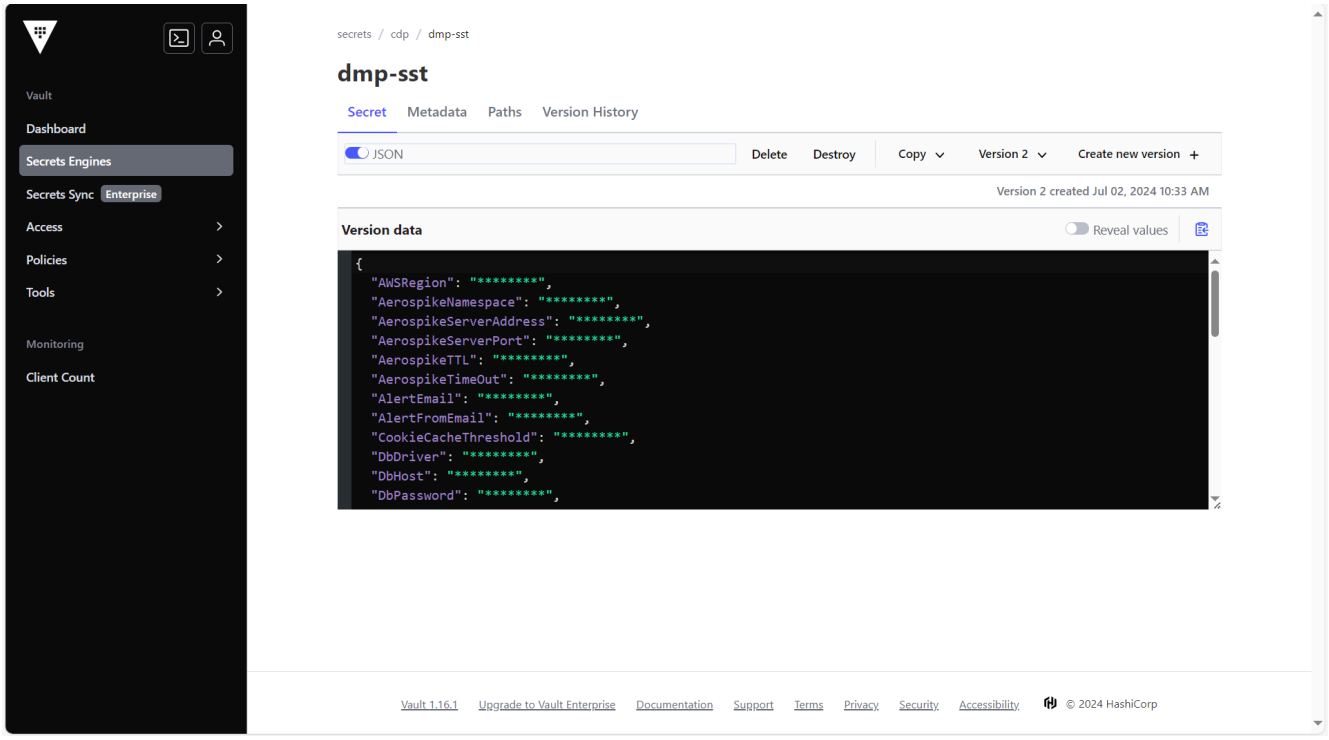


Deploying CDP DMP SST

This section provides detailed instructions on how to deploy HCL CDP DMP SST using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP DMP SST.



To create the UI secret in HashiCorp Vault, follow the steps below:

1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

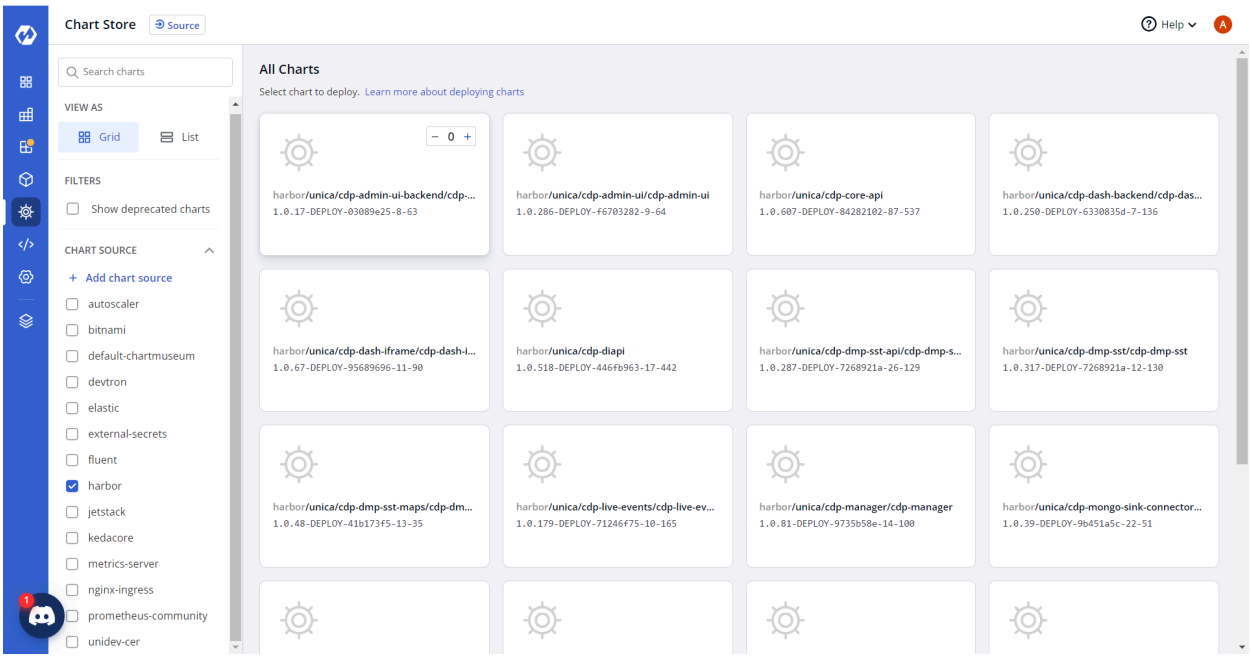
```
{
  "AWSRegion": "<AWSRegion>",
  "AerospikeNamespace": "<AerospikeNamespace>",
  "AerospikeServerAddress": "<AerospikeServerAddress>",
  "AerospikeServerPort": "<AerospikeServerPort>",
  "AerospikeTTL": "15552000",
  "AerospikeTimeOut": "10000",
  "AlertEmail": "",
  "AlertFromEmail": "",
  "CookieCacheThreshold": "60",
  "DbDriver": "<DbDriver>",
  "DbHost": "<DbHost>",
  "DbPassword": "<DbPassword>",
  "DbPort": "<DbPort>",
  "DbUrl": "jdbc:mariadb://<ip:port>/dbName",
  "DbUsername": "<DbUsername>",
  "GraphDBEnable": "false",
  "GraphDBEndpoint": "<GraphDBEndpoint>",
  "GraphDBPort": "<GraphDBPort>",
  "HBaseDBEnable": "false",
  "HbaseZookeeperClientPort": "",
  "HbaseZookeeperQuorum": "",
  "KafkaBootstrapServer": "<KafkaBootstrapServer>",
```

```
  "KafkaConsumerGroup": "<dmp-sst-kafka-k8>",
  "KafkaPassword": "<KafkaPassword>",
  "KafkaProducerHostName": "<KafkaPassword>",
  "KafkaProducerTopic": "<dmp_sst_rt_profile>",
  "KafkaProfileProducerTopic": "<dmp_sst_profile>",
  "KafkaTopicConsumerBatchSize": "<10,10,10,10>",
  "KafkaTopicConsumerDefaultBatchTimeoutMS": "<5000,5000,5000,5000>",
  "KafkaTopicConsumerDefaultBatchTimeoutTrigger": "<60000,10000,10000,10000>",
  "KafkaTopicConsumers": "<6,6,6,6>",
  "KafkaTopicList": "<dmp_sst_nba,dmp_sst_nba_di_api,analyze_post,dmp_sst_data>",
  "KafkaUsername": "<KafkaUsername>",
  "SstApiAuthKeys": "<HdxDeMMHvUyrqlSBHyaCaQGA>",
  "TsdbHost": "<TsdbHost>",
  "TsdbPort": "<TsdbPort>",
  "ZookeeperClients": "<15>",
  "ZookeeperLockAddress": "<cdp-dmp-sst-zookeeper.cdp-dev-app:2181>",
  "ZookeeperLockAddressOld": "",
  "ZookeeperRetrySleepTime": "<1000>",
  "region": "<region>",
  "type": "<realtime>"
}
```

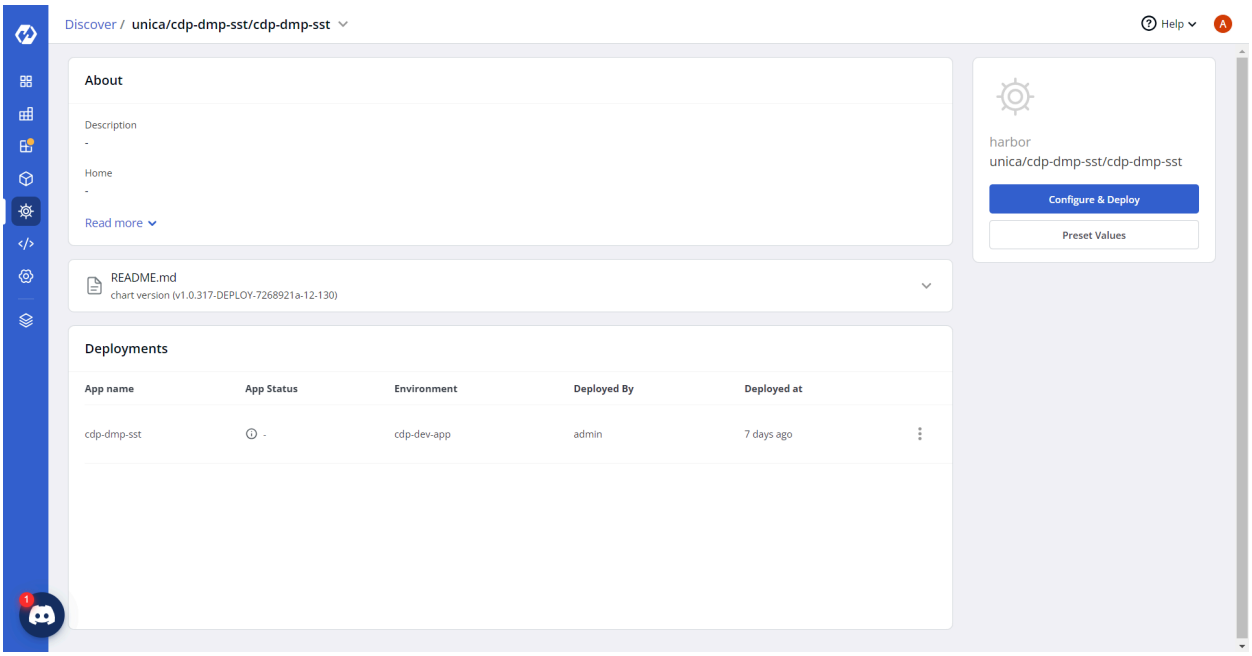
Deploying CDP DMP SST

To deploy the CDP DMP SST, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-dmp-sst chart to deploy.

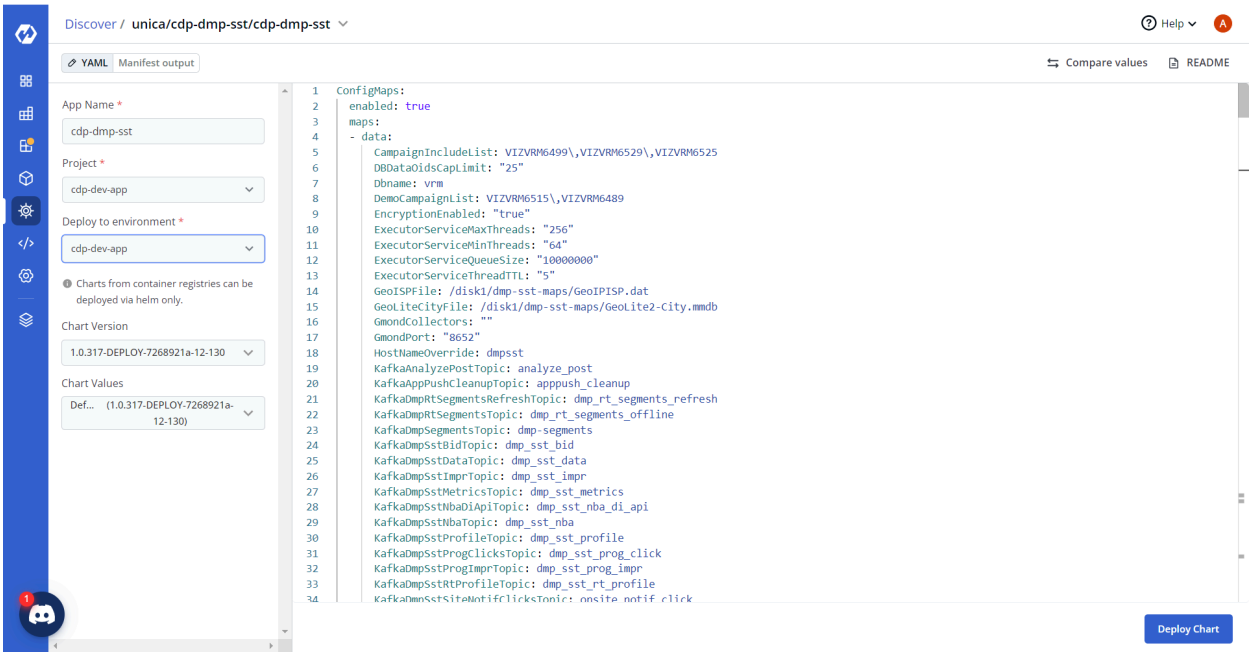


2. Now, configure and deploy the CDP DMP SST charts.

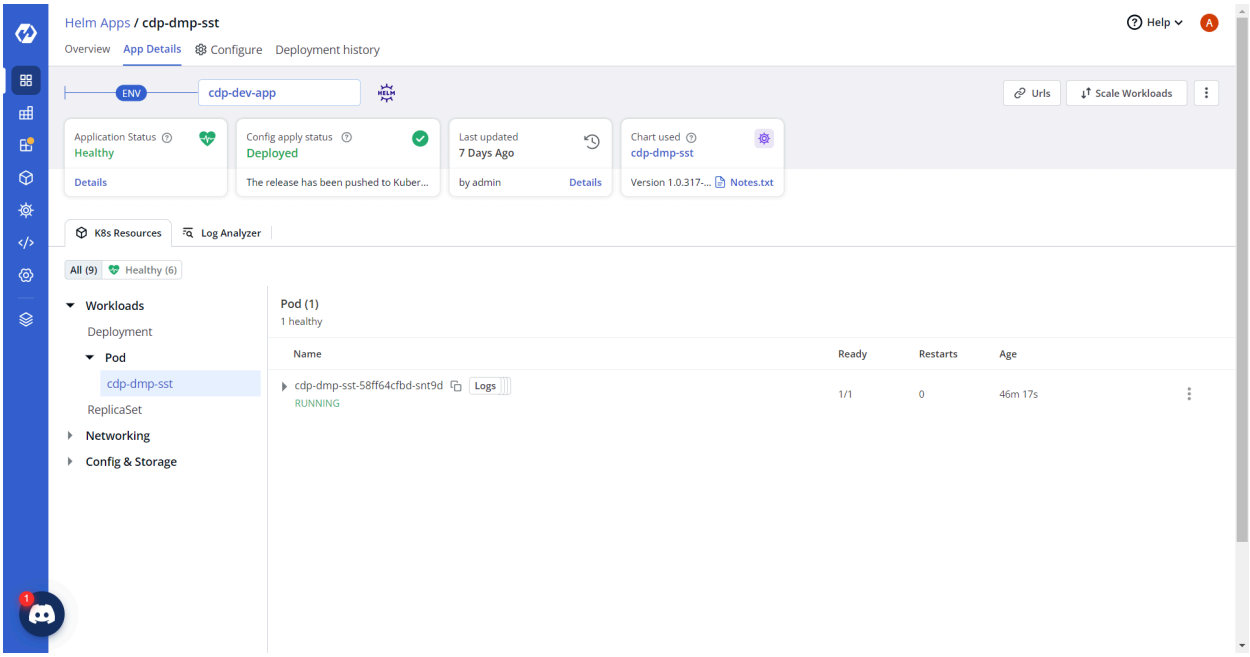


3. In the **YAML** section, update the ConfigMap using below details, and deploy the charts.

```
ValidValuesConfig: /disk1/config/dmp-sst-maps/valid_values.json
ValidValuesS3Path: s3://<bucket_name>/dmp/config/predictivesegments/validvalues.tsv
ValuesMappingConfig: /disk1/config/dmp-sst-maps/values_mapping.json
ValuesMappingS3Path: s3://<bucket_name>/dmp/config/predictivesegments/mappingvalues.tsv
```



4. On successful deployment, validate the deployment as shown below.

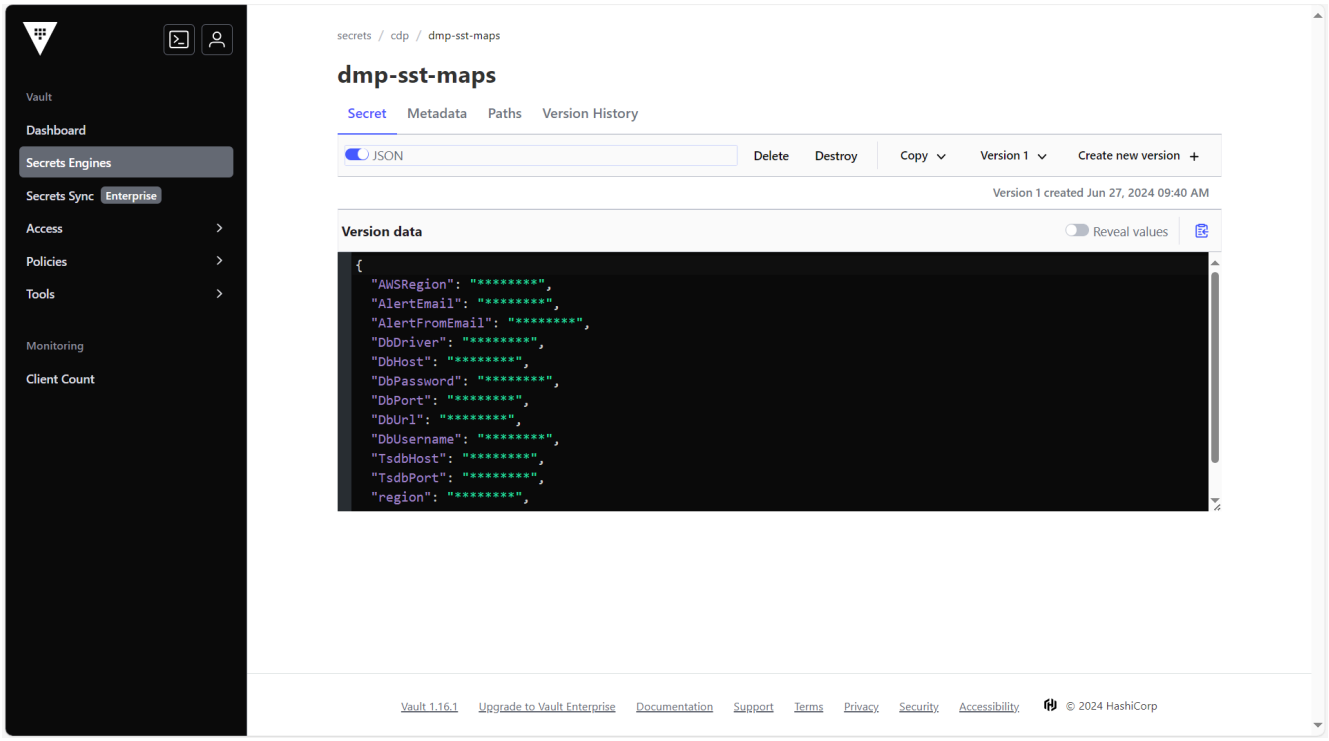


Deploying CDP DMP SST Maps

This section provides detailed instructions on how to deploy HCL CDP DMP SST Maps using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP DMP SST Maps.



To create the UI secret in HashiCorp Vault, follow the steps below:

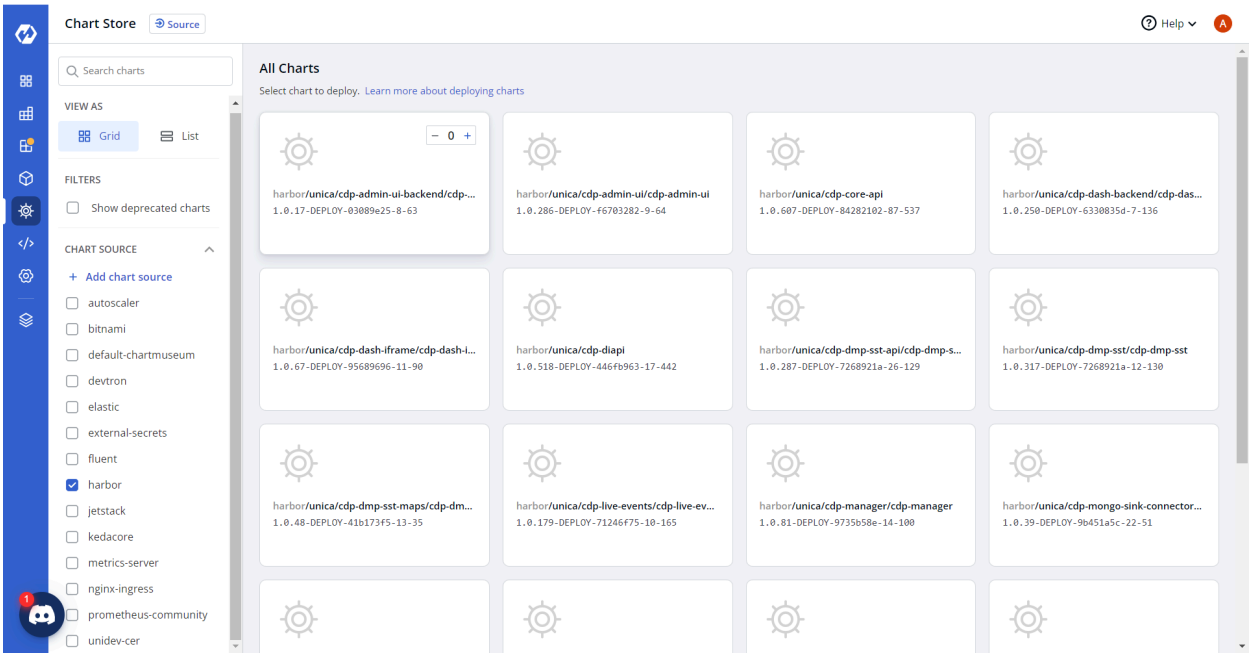
1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

```
{
  "AWSRegion": "<AWSRegion>",
  "AlertEmail": "",
  "AlertFromEmail": "",
  "DbDriver": "<com.mysql.cj.jdbc.Driver>",
  "DbHost": "<DbHost>",
  "DbPassword": "<DbPassword>",
  "DbPort": "<DbPort>",
  "DbUrl": "jdbc:mysql://ip:port/dbName",
  "DbUsername": "<DbUsername>",
  "TsdbHost": "<TsdbHost>",
  "TsdbPort": "<TsdbPort>",
  "region": "<region>",
  "type": "<b-aero-7-nodes>"
}
```

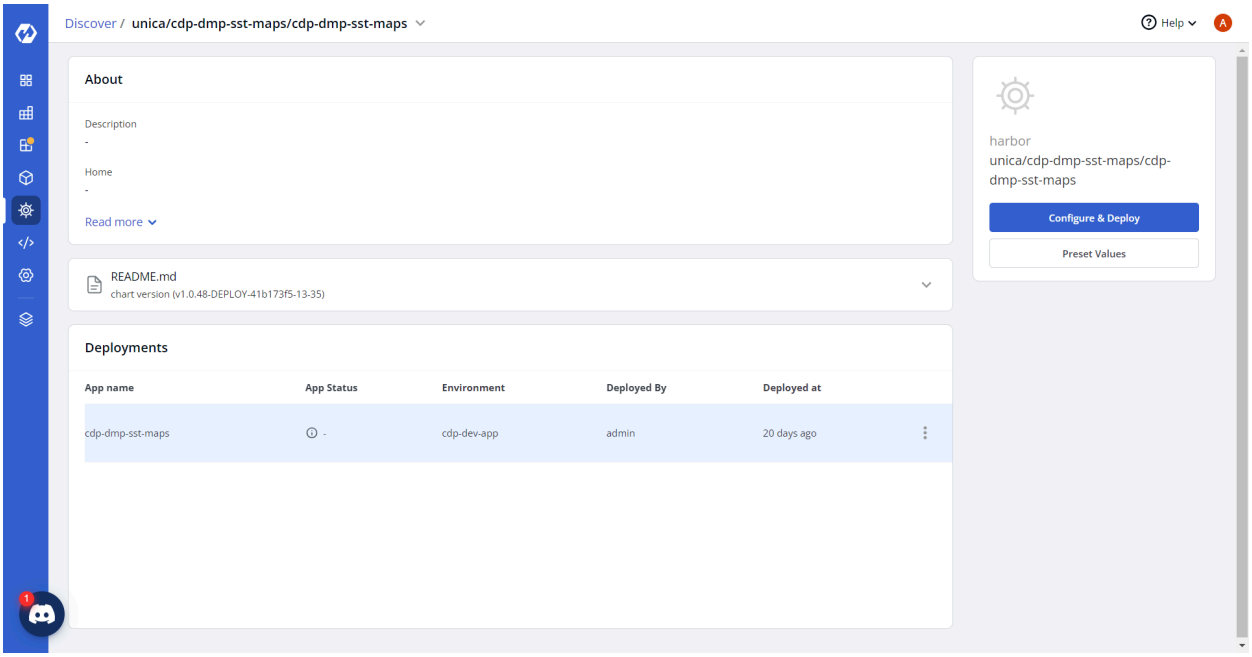
Deploying CDP DMP Maps

To deploy the CDP DMP Maps, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-dmp-sst-maps chart to deploy.

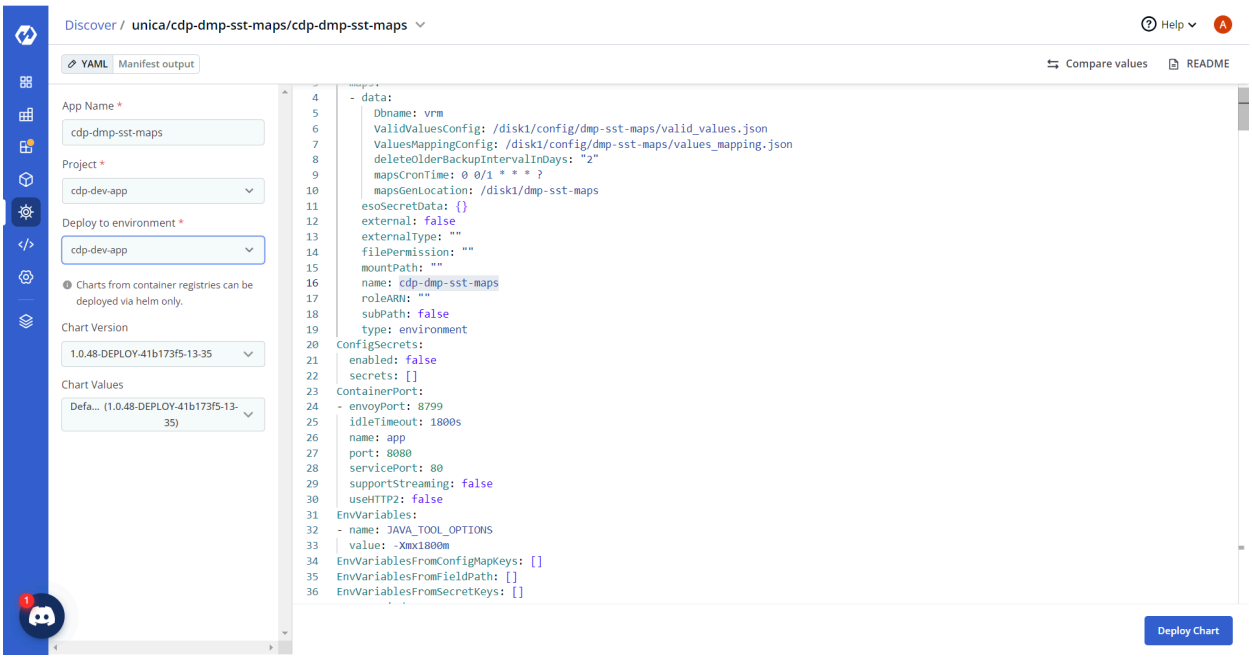


2. Now, configure and deploy the CDP DMP SST Maps charts.

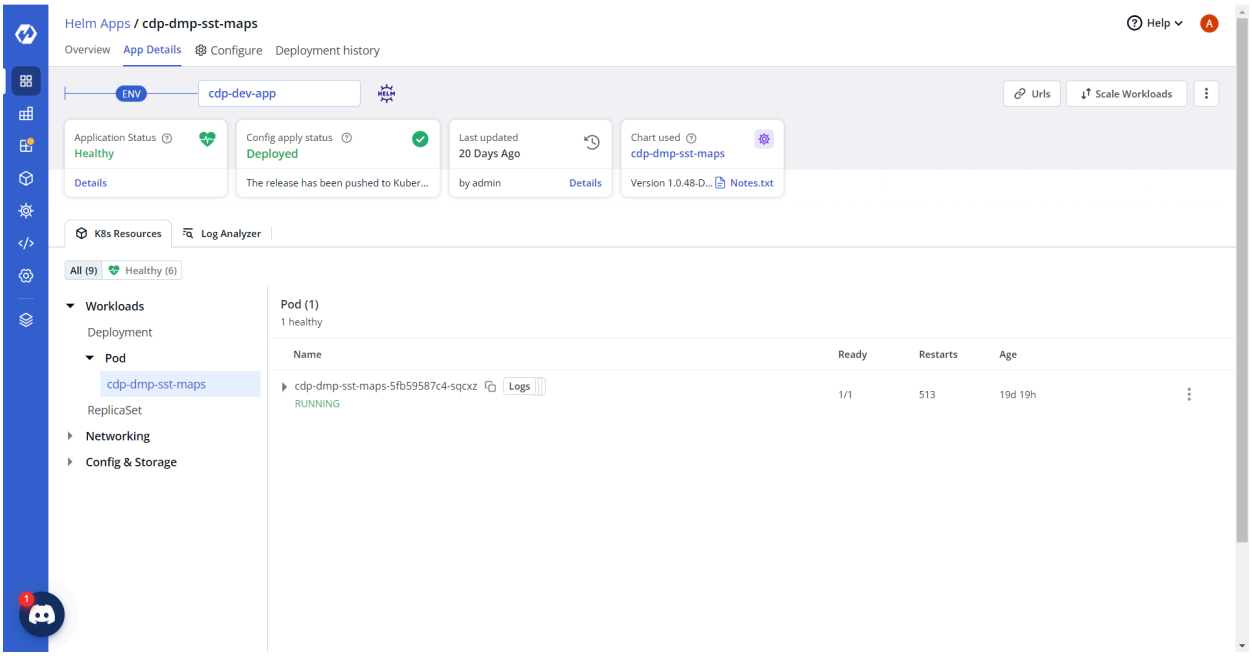


3. In the **YAML** section, update the ConfigMap using below details, and deploy the charts.

```
ValidValuesConfig: /disk1/config/dmp-sst-maps/valid_values.json
ValuesMappingConfig: /disk1/config/dmp-sst-maps/values_mapping.json
mapsGenLocation: /disk1/dmp-sst-maps
DbName: <DbName>
```



4. On successful deployment, validate the deployment as shown below.

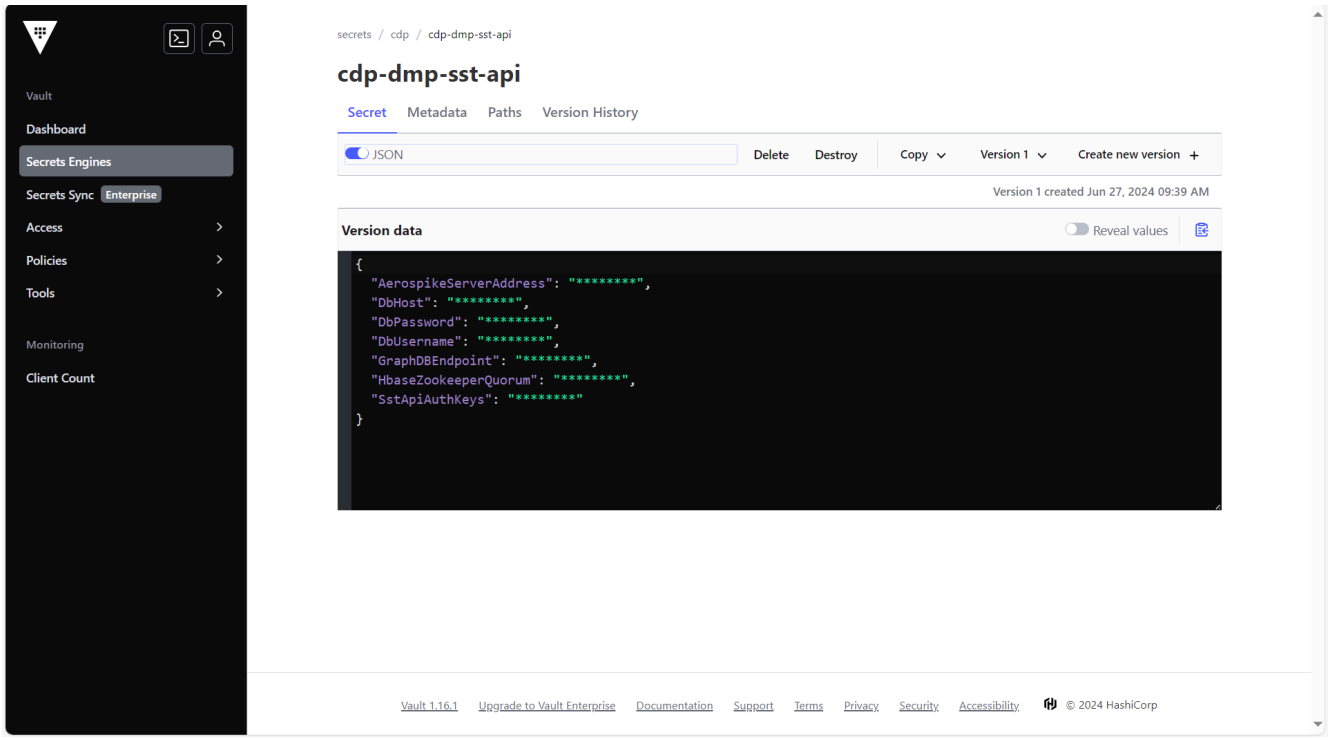


Deploying CDP DMP SST API

This section provides detailed instructions on how to deploy HCL CDP DMP SST API using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP DMP SST API.



To create the UI secret in HashiCorp Vault, follow the steps below:

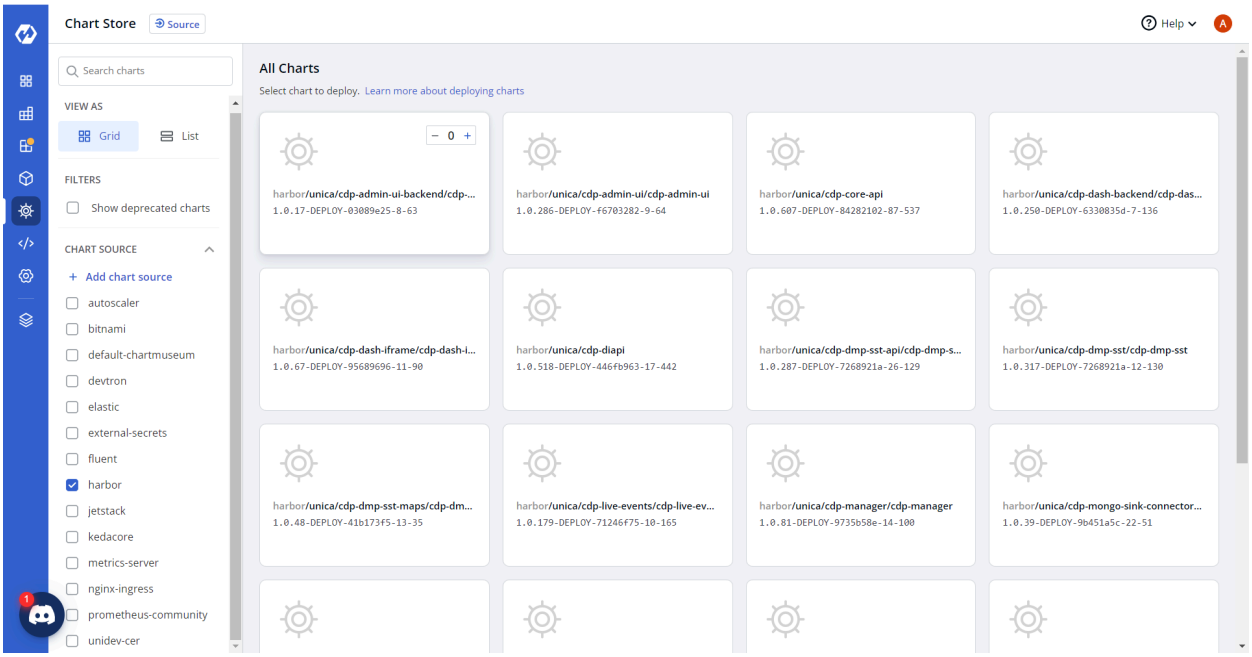
1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

```
{
  "AerospikeServerAddress": "<AerospikeServerAddress>",
  "DbHost": "<DbHost>",
  "DbPassword": "<DbPassword>",
  "DbUsername": "<DbUsername>",
  "GraphDBEndpoint": "",
  "HbaseZookeeperQuorum": "",
  "SstApiAuthKeys": "<SstApiAuthKeys>"
}
```

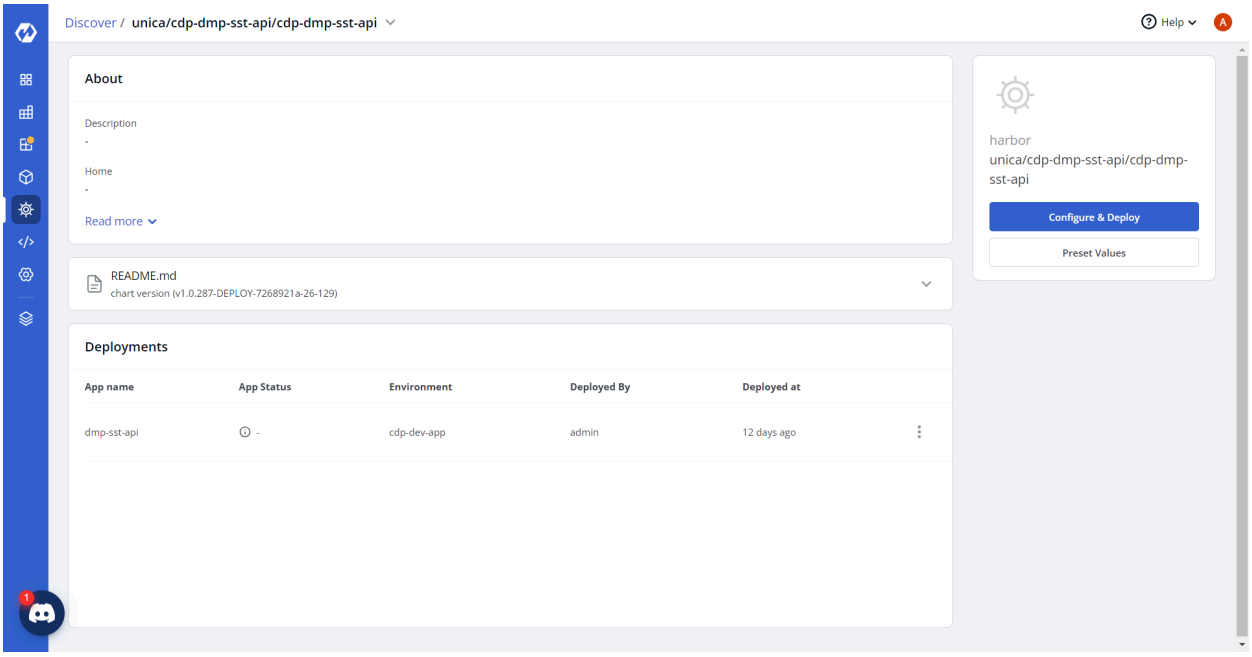
Deploying CDP DMP SST API

To deploy the CDP DMP SST API, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-dmp-sst-api chart to deploy.

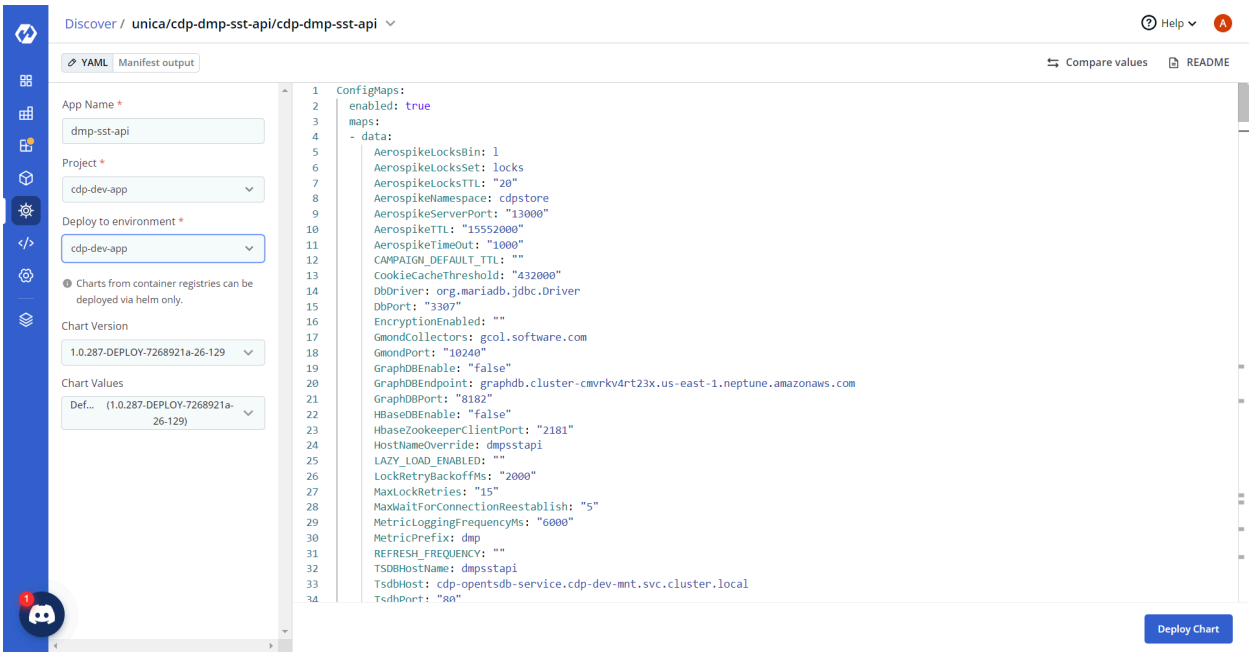


2. Now, configure and deploy the CDP DMP SST API charts.

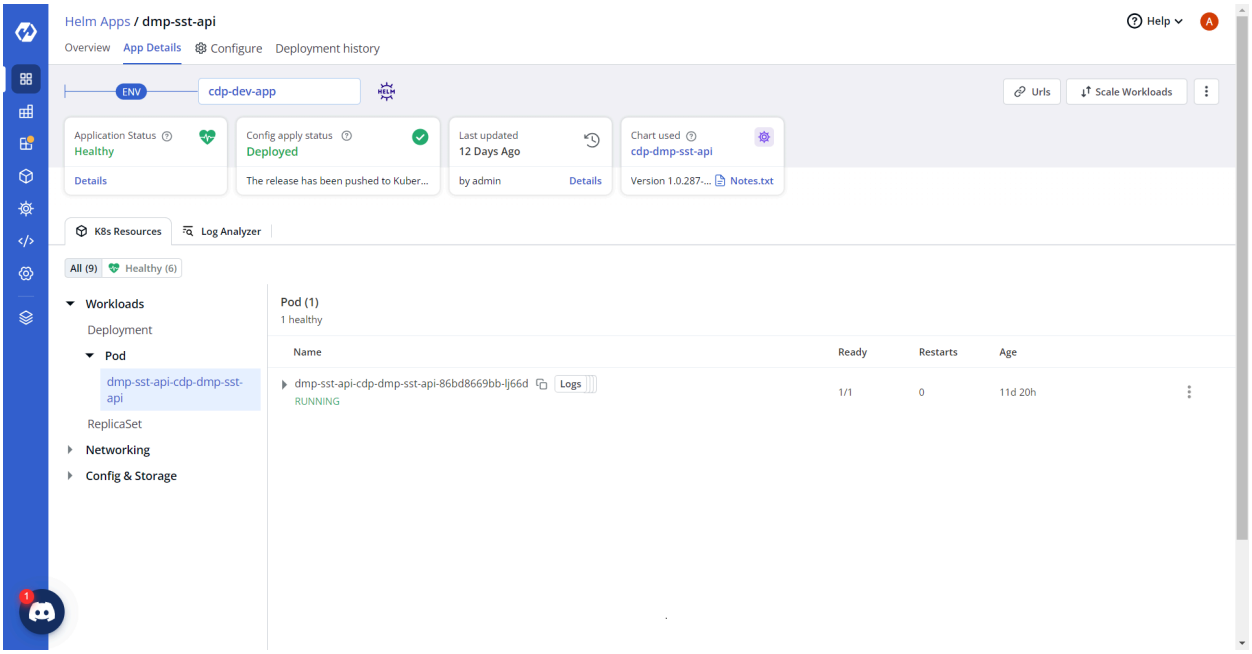


3. In the **YAML** section, update the ConfigMap using below details, and deploy the charts.

```
DbDriver: <DbDriver>
DbPort: <DbPort>
EncryptionEnabled: ""
TsdbHost: <TsdbHost>
TsdbPort: <TsdbPort>
```



4. On successful deployment, validate the deployment as shown below.



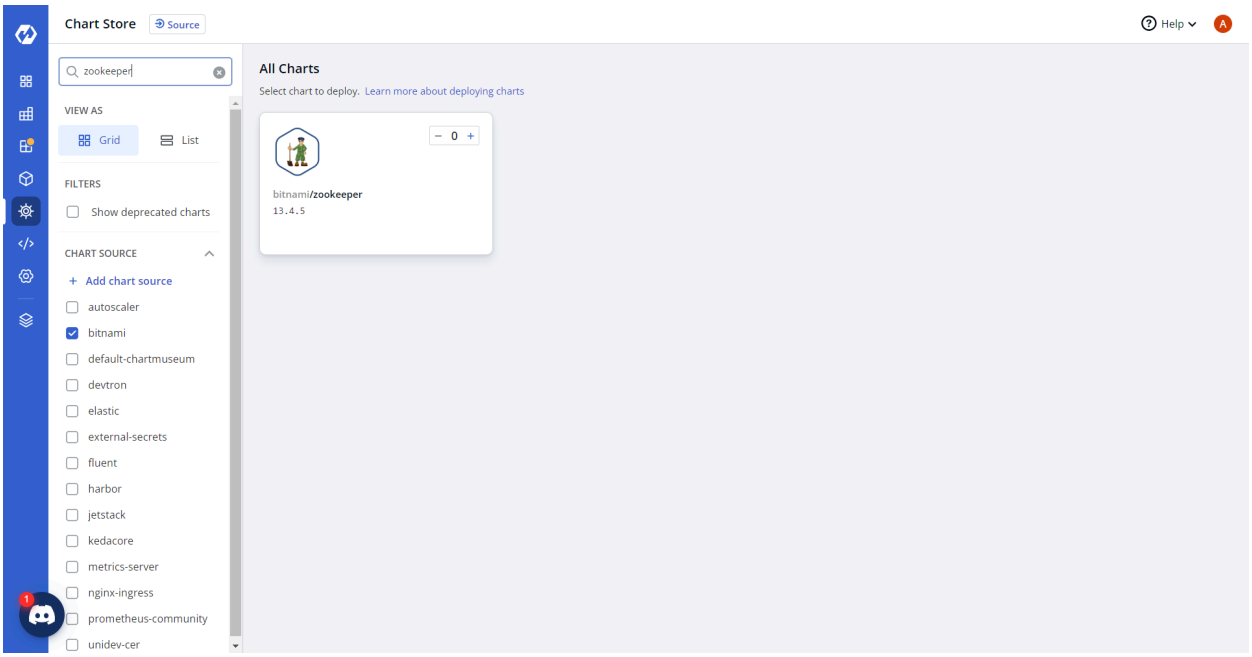
Deploying CDP DMP SST Zookeeper

This section provides detailed instructions on how to deploy HCL CDP DMP SST Zookeeper using the Devtron in the OpenShift.

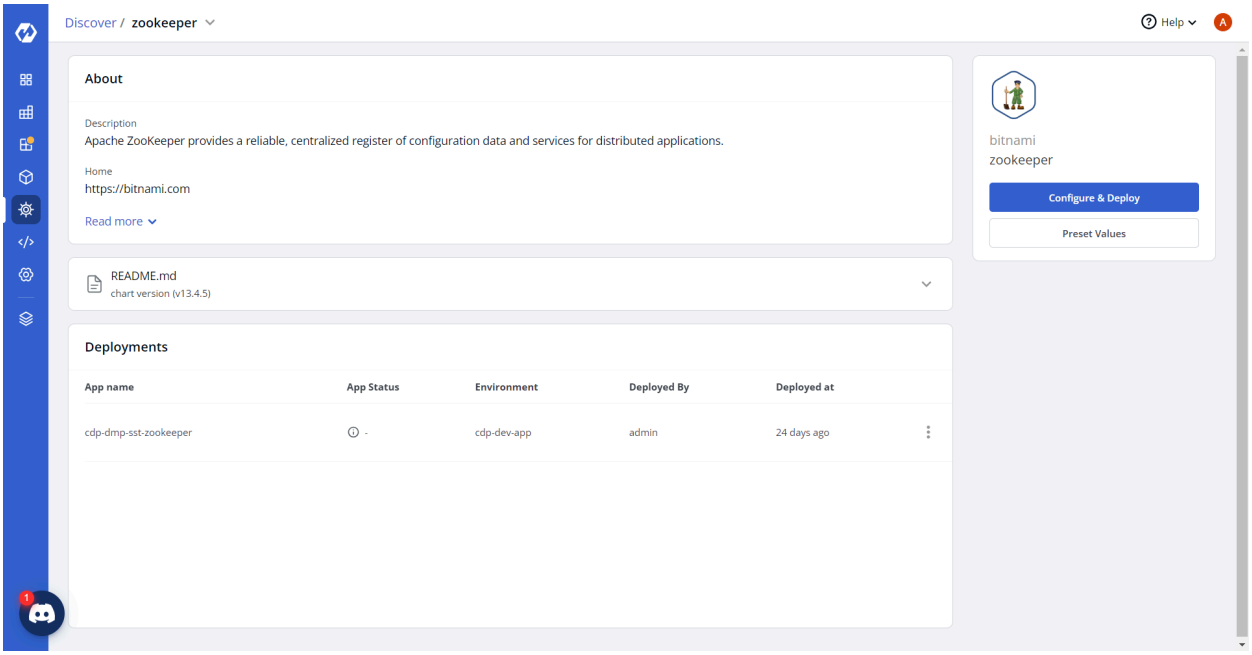
Deploying CDP DMP SST Zookeeper

To deploy the CDP DMP SST Zookeeper, follow these steps below:

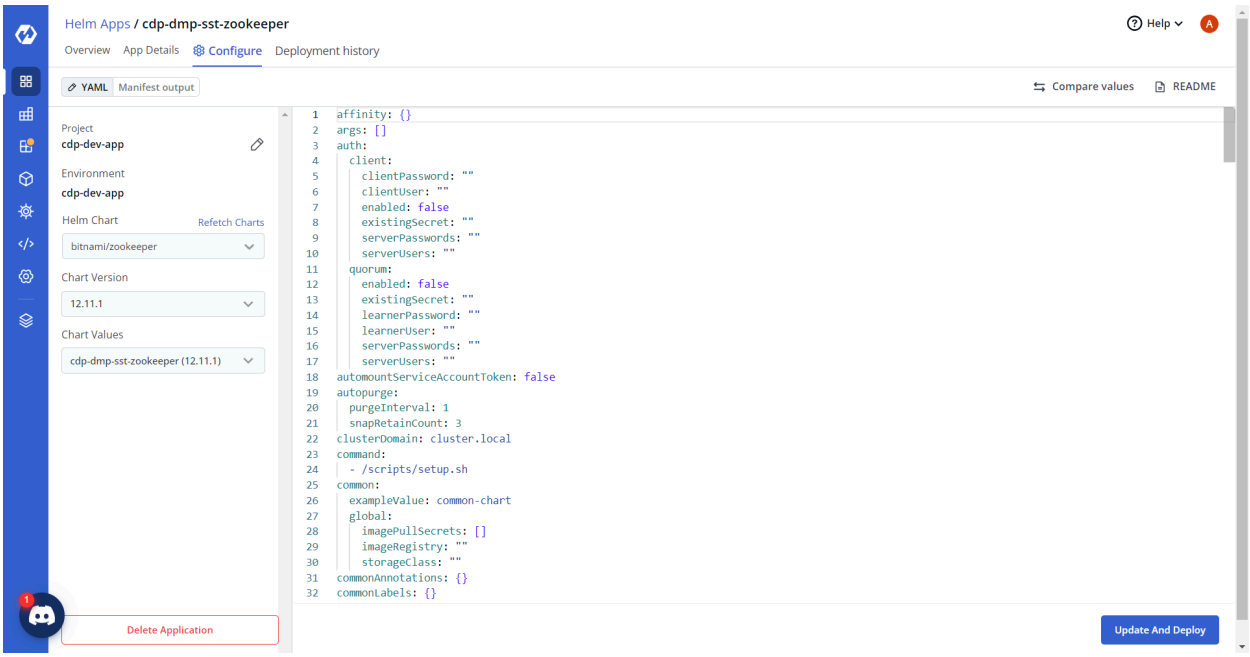
1. Navigate to the Devtron **Chart Store**, and select the bitnami/zookeeper chart to deploy.



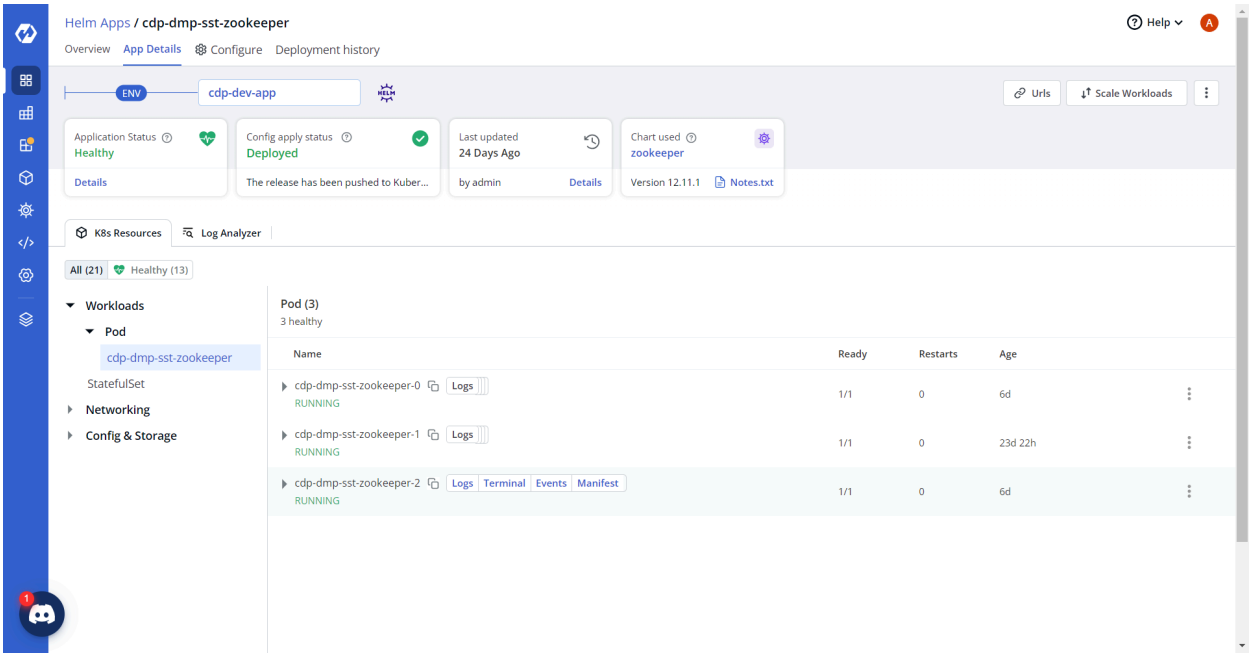
2. Now, configure and deploy the CDP DMP SST Zookeeper charts.



3. In the **YAML** section, update the configuration, and deploy the charts.



4. On successful deployment, validate the deployment as shown below.

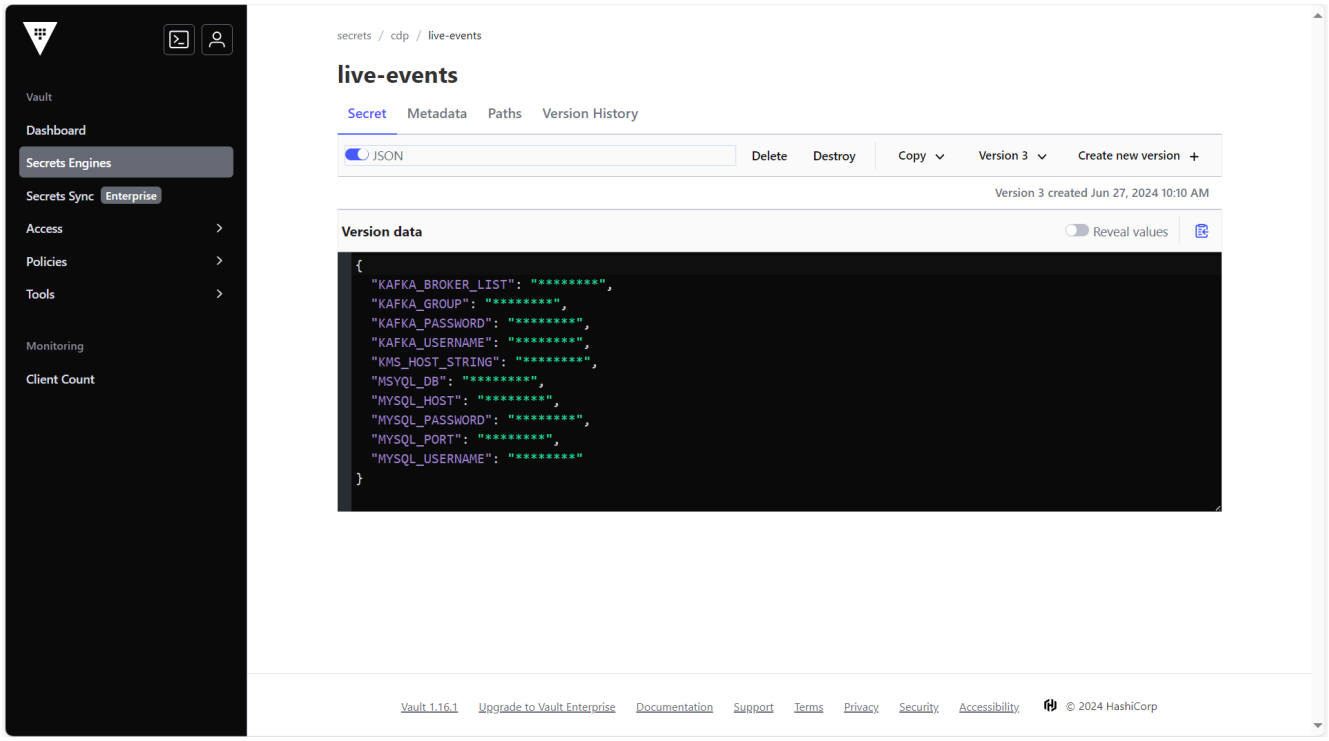


Deploying CDP Live Events

This section provides detailed instructions on how to deploy HCL CDP Live Events using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP Live Events.



To create the UI secret in HashiCorp Vault, follow the steps below:

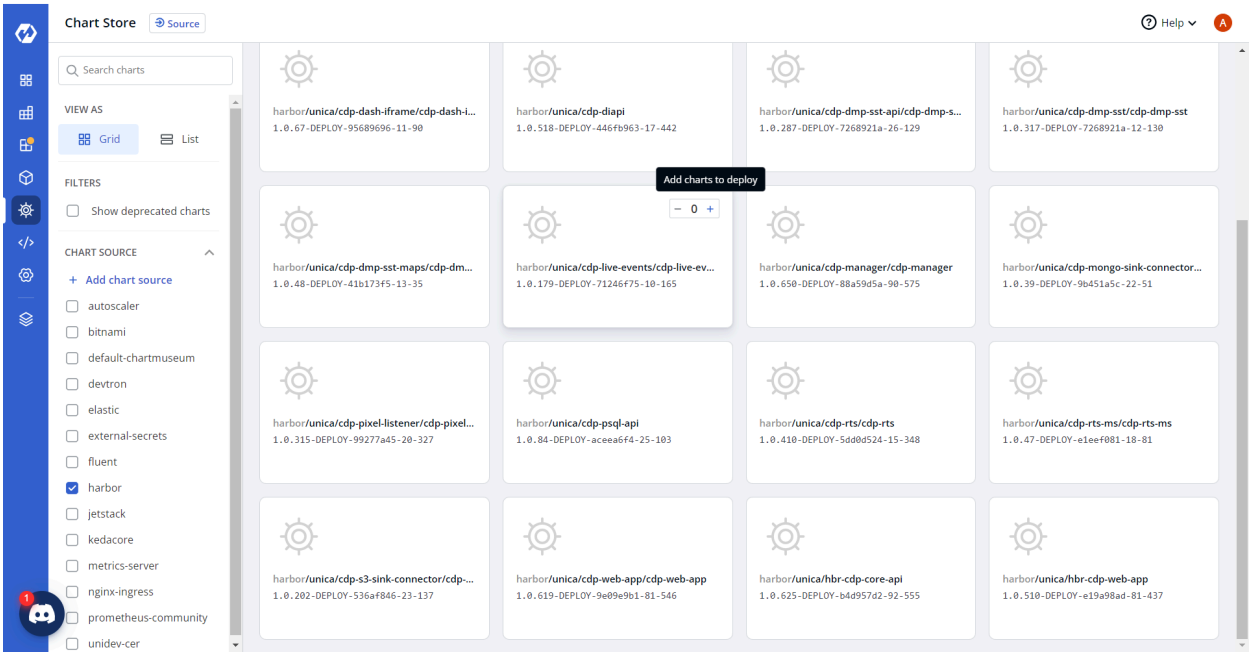
1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

```
{
  "KAFKA_BROKER_LIST": "<KAFKA_BROKER_LIST>",
  "KAFKA_GROUP": "<KAFKA_GROUP>",
  "KAFKA_PASSWORD": "<KAFKA_PASSWORD>",
  "KAFKA_USERNAME": "<KAFKA_USERNAME>",
  "KMS_HOST_STRING": "<KMS_HOST_STRING>",
  "MSYQL_DB": "<MSYQL_DB>",
  "MYSQL_HOST": "<MYSQL_HOST>",
  "MYSQL_PASSWORD": "<MYSQL_PASSWORD>",
  "MYSQL_PORT": "<MYSQL_PORT>",
  "MYSQL_USERNAME": "<MYSQL_USERNAME>"
}
```

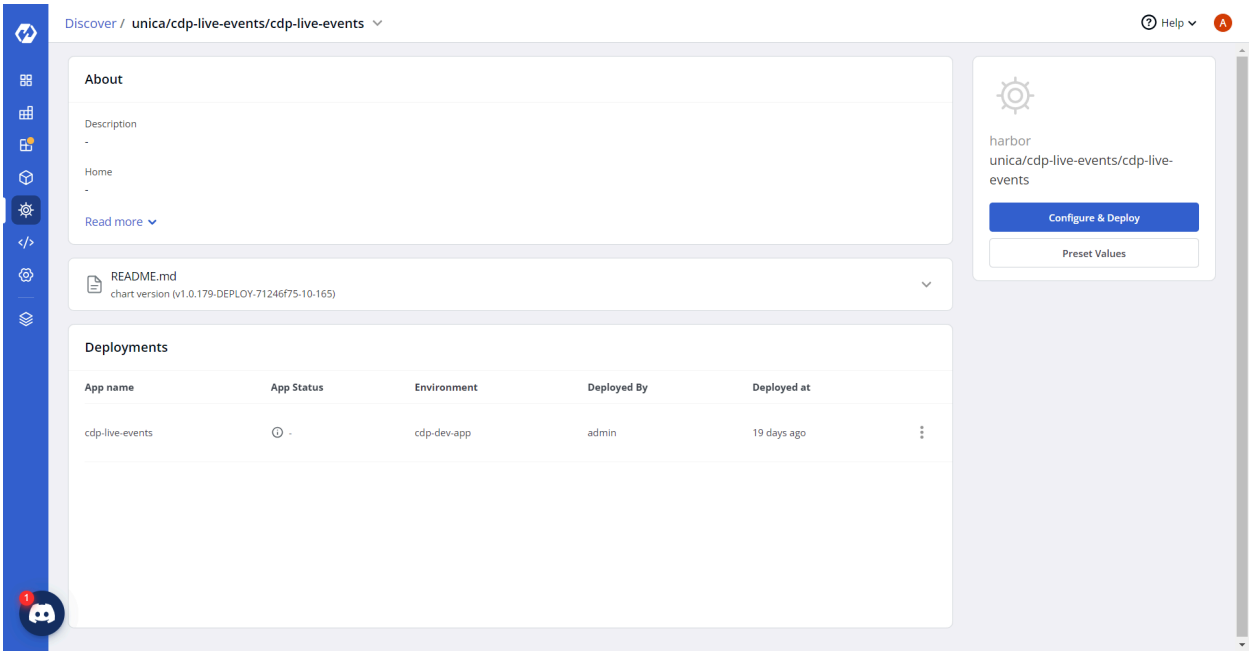
Deploying CDP Live Events

To deploy the CDP Live Events, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the bitnami/zookeeper chart to deploy.

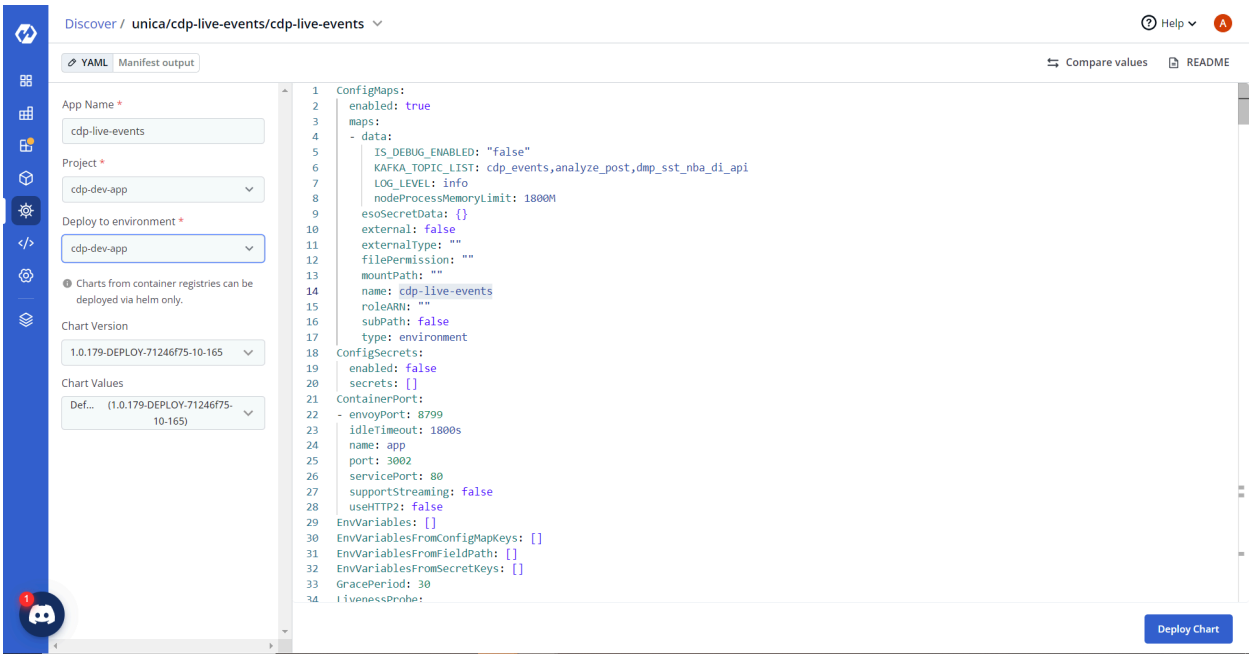


2. Now, configure and deploy the CDP Live Events charts.

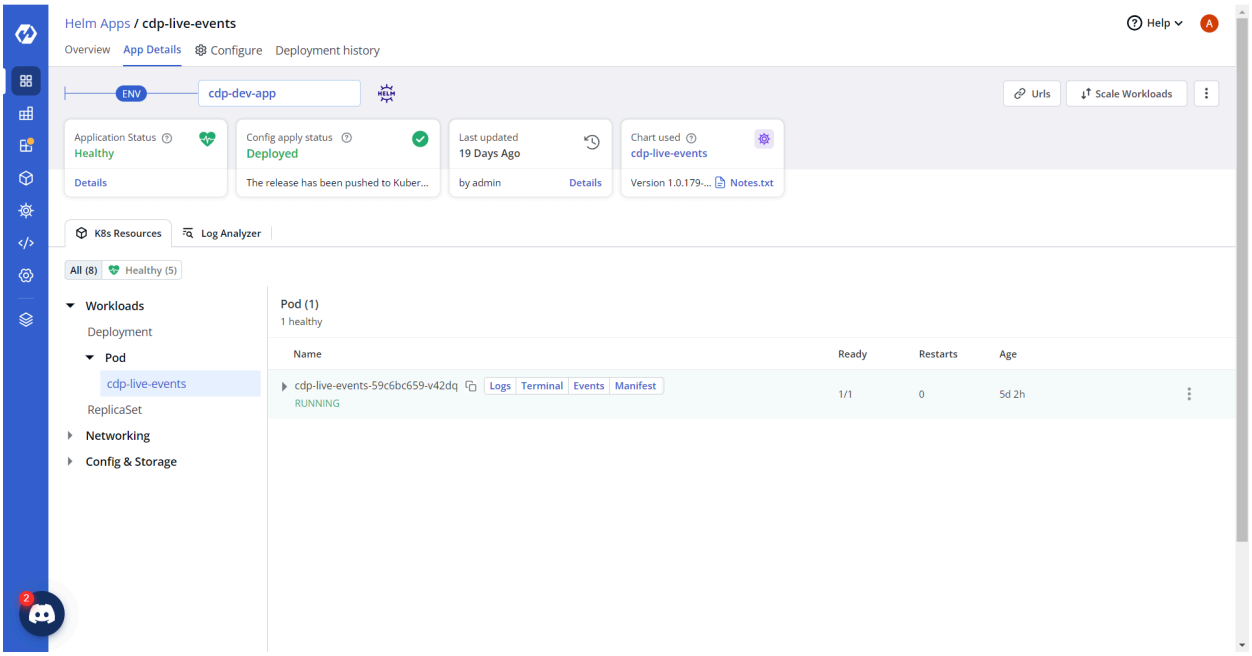


3. In the **YAML** section, update the ConfigMap using below details, and deploy the charts.

```
IS_DEBUG_ENABLED: "false"
KAFKA_TOPIC_LIST: <cdp_events,analyze_post,dmp_sst_nba_di_api>
LOG_LEVEL: <info>
nodeProcessMemoryLimit: <1800M>
```



4. On successful deployment, validate the deployment as shown below.

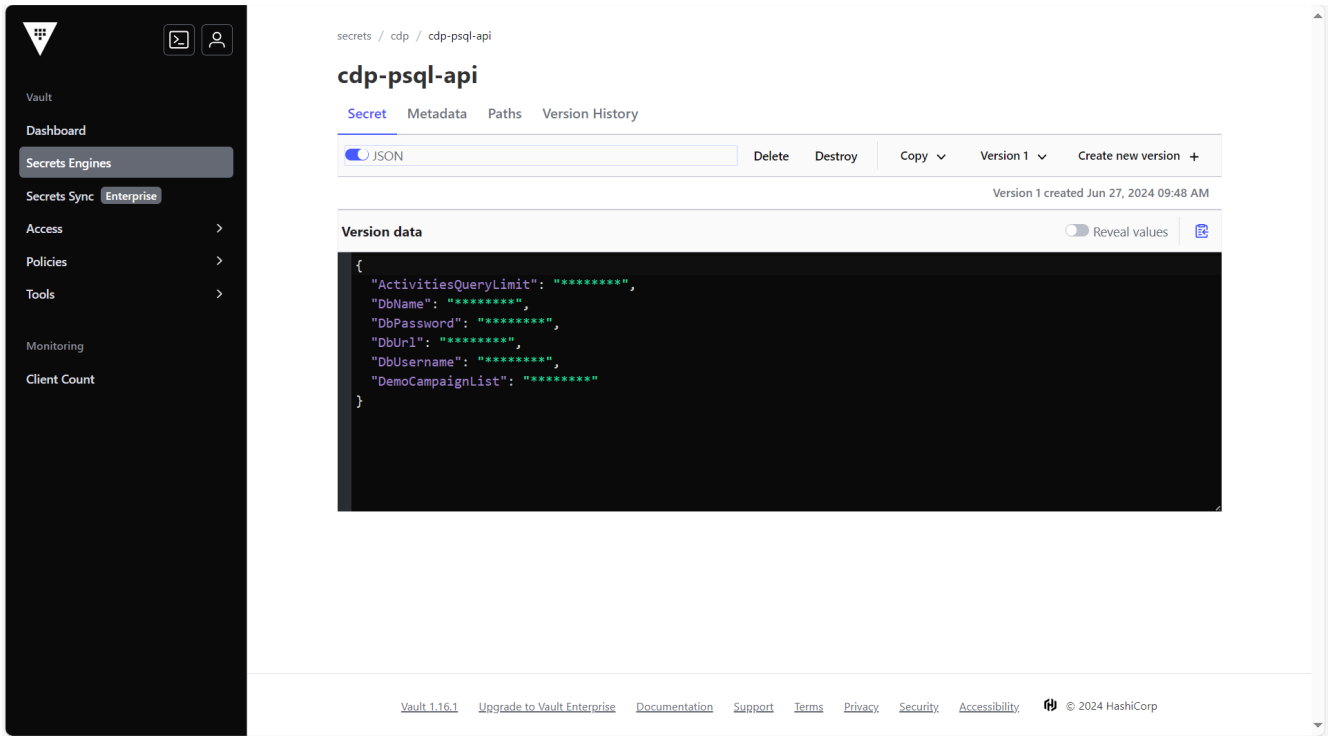


Deploying CDP PostgreSQL API

This section provides detailed instructions on how to deploy HCL CDP PSQL API using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP PSQL API.



To create the UI secret in HashiCorp Vault, follow the steps below:

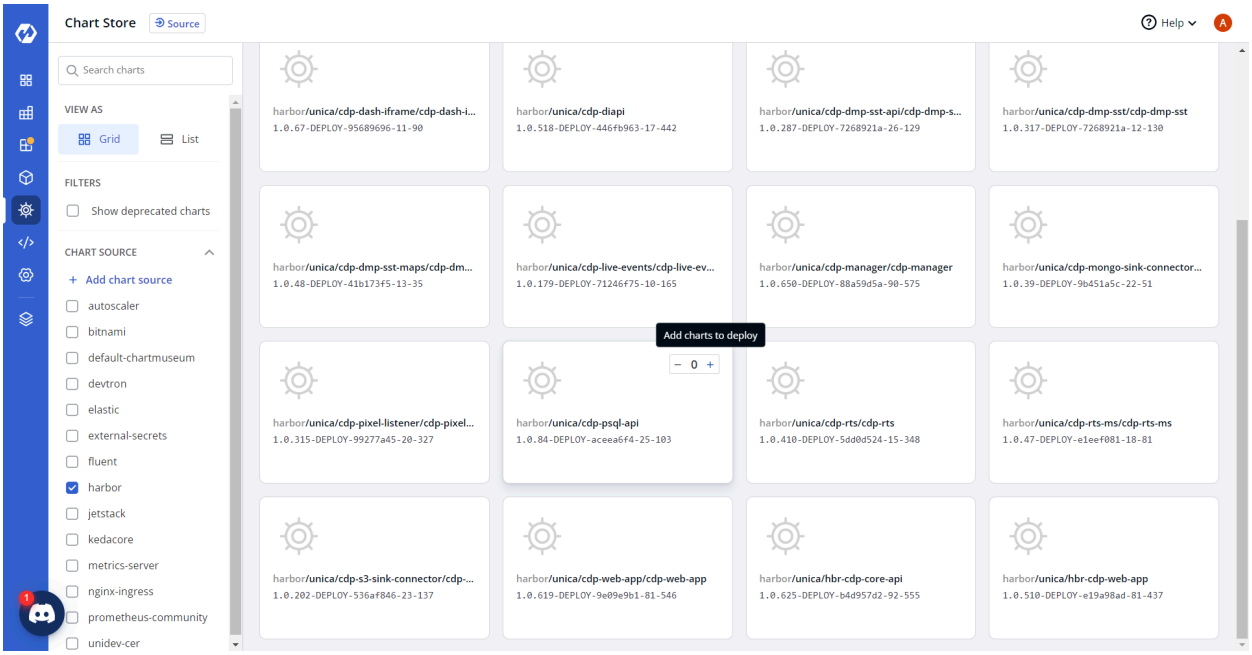
1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

```
{
  "ActivitiesQueryLimit": "20",
  "DbName": "<DbName>",
  "DbPassword": "<DbPassword>",
  "DbUrl": "<ip:port>",
  "DbUsername": "<DbUsername>",
  "DemoCampaignList": ""
}
```

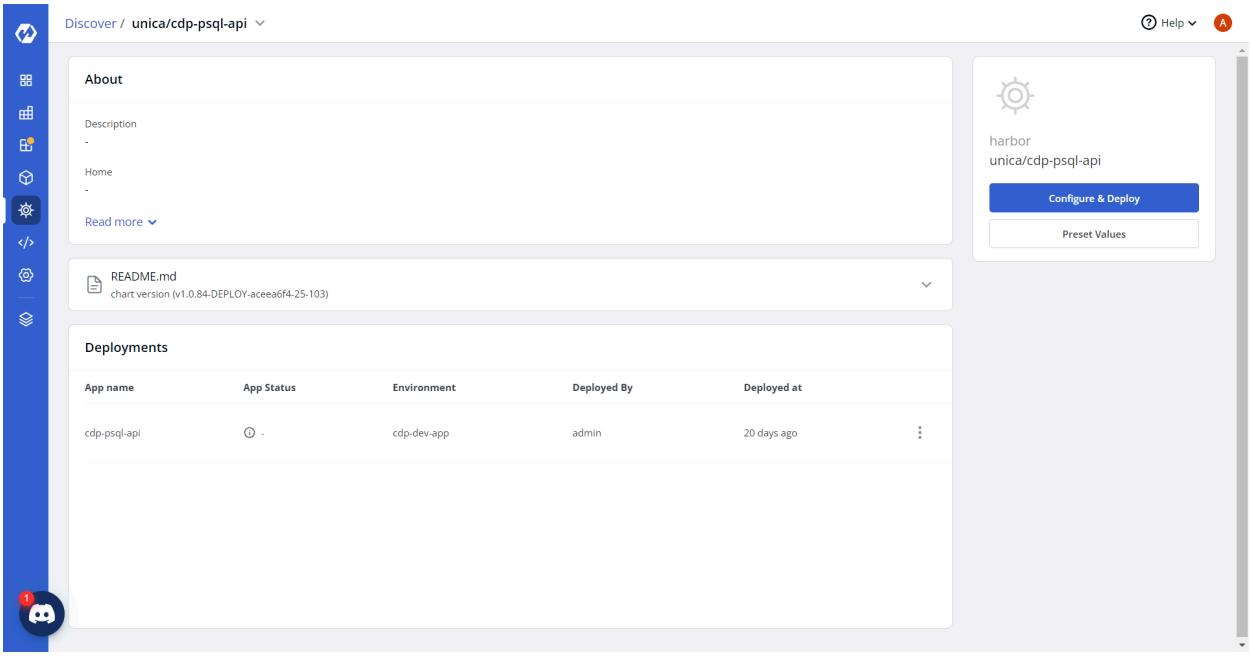
Deploying CDP PSQL API

To deploy the CDP PSQL API, follow these steps below:

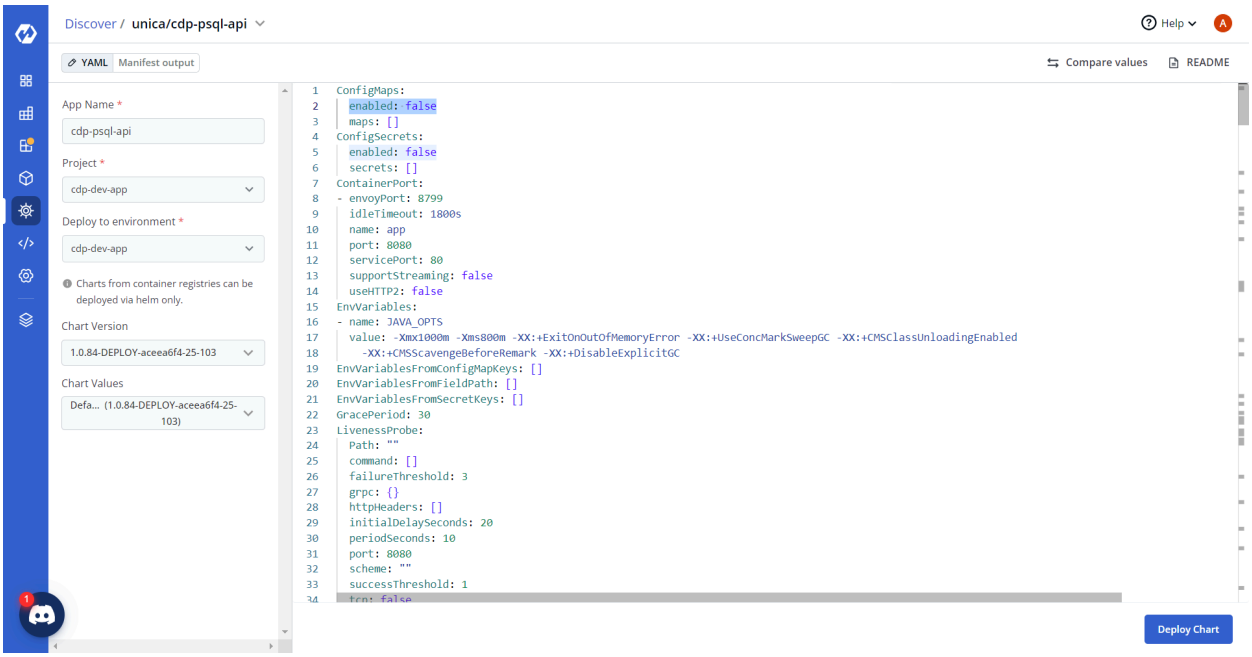
1. Navigate to the Devtron **Chart Store**, and select the cdp-psql-api chart to deploy.



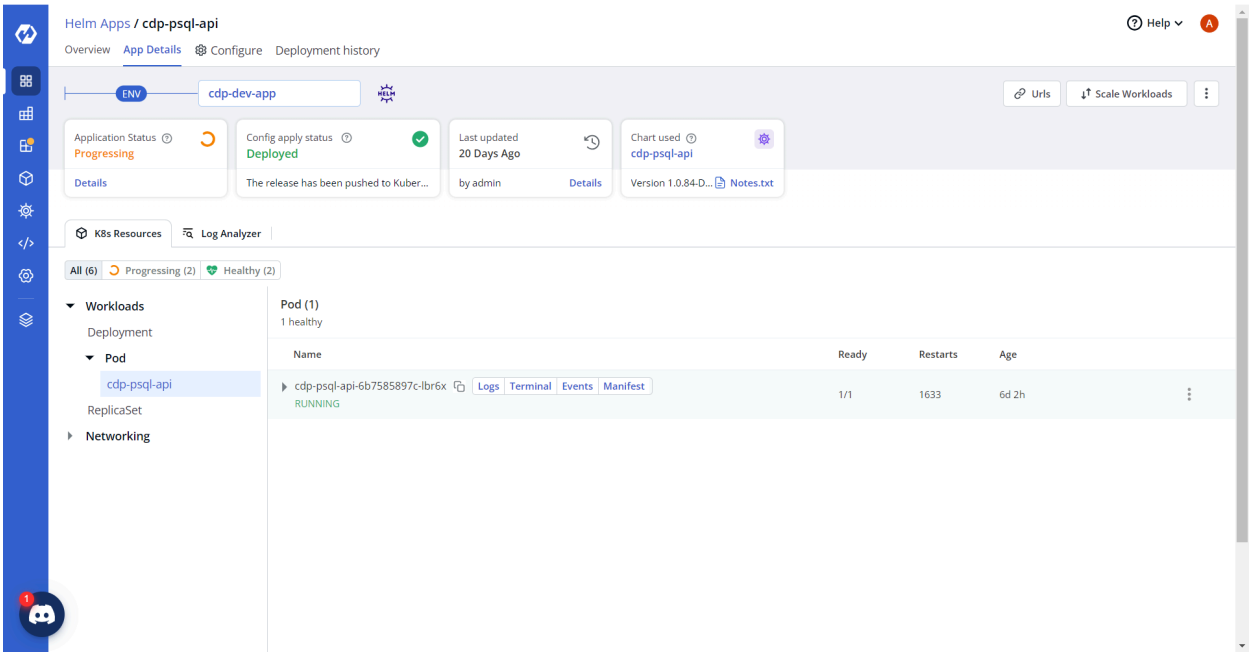
2. Now, configure and deploy the CDP PSQL API charts.



3. In the **YAML** section, update the ConfigMap using below details, and deploy the charts.



4. On successful deployment, validate the deployment as shown below.

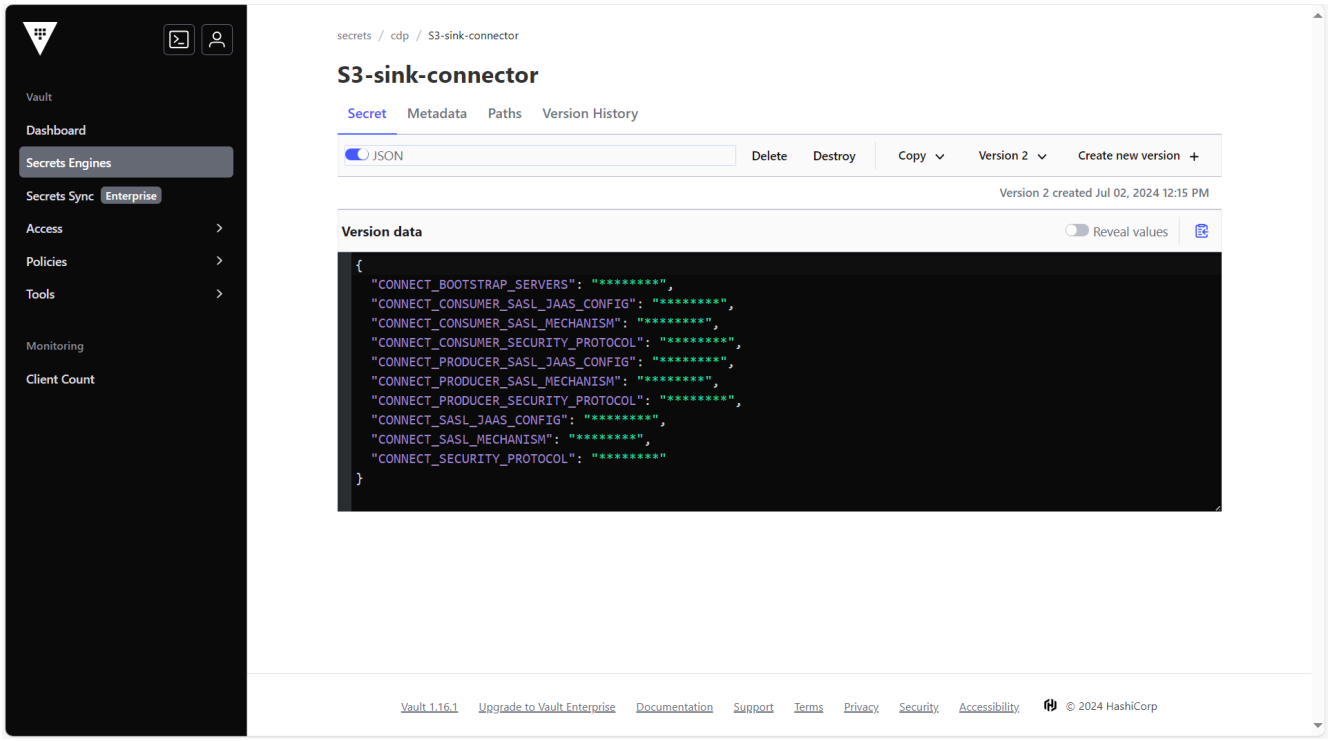


Deploying CDP S3 Sink Connector

This section provides detailed instructions on how to deploy HCL CDP S3 Sink Connector using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP S3 Sink Connector.



To create the UI secret in HashiCorp Vault, follow the steps below:

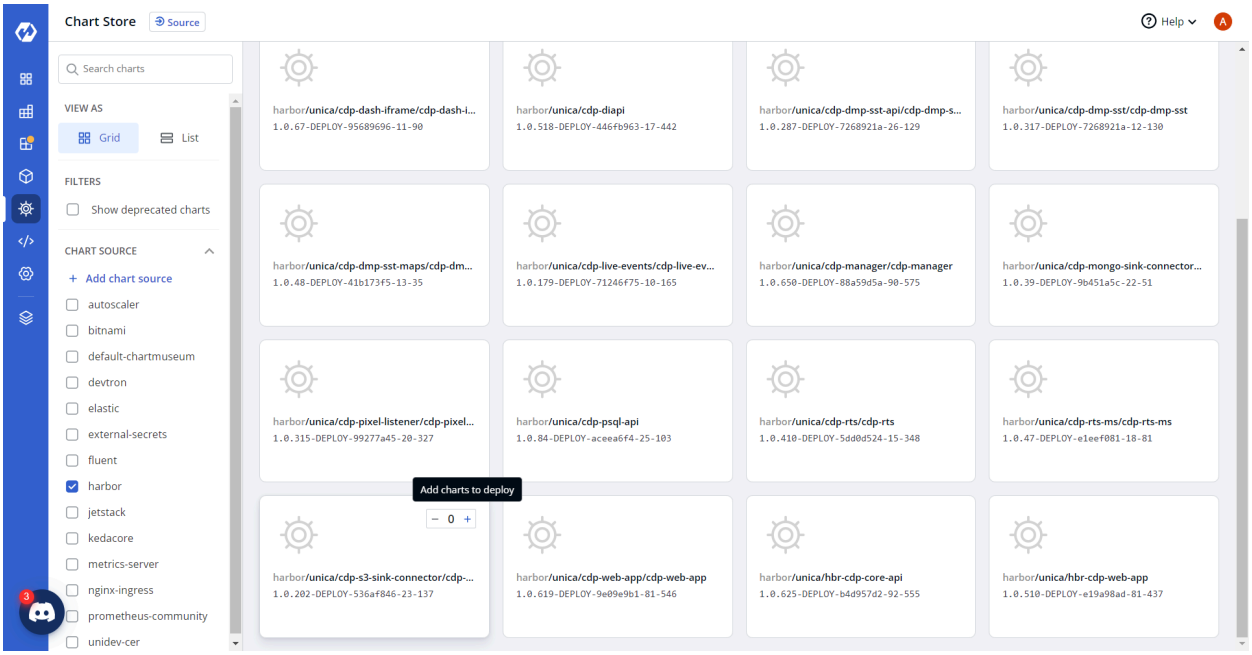
1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

```
{
  "CONNECT_BOOTSTRAP_SERVERS": <CONNECT_BOOTSTRAP_SERVERS>,
  "CONNECT_CONSUMER_SASL_JAAS_CONFIG": <CONNECT_CONSUMER_SASL_JAAS_CONFIG>,
  "CONNECT_CONSUMER_SASL_MECHANISM": <CONNECT_CONSUMER_SASL_MECHANISM>,
  "CONNECT_CONSUMER_SECURITY_PROTOCOL": <CONNECT_CONSUMER_SECURITY_PROTOCOL>,
  "CONNECT_PRODUCER_SASL_JAAS_CONFIG": <CONNECT_PRODUCER_SASL_JAAS_CONFIG>,
  "CONNECT_PRODUCER_SASL_MECHANISM": <CONNECT_PRODUCER_SASL_MECHANISM>,
  "CONNECT_PRODUCER_SECURITY_PROTOCOL": <CONNECT_PRODUCER_SECURITY_PROTOCOL>,
  "CONNECT_SASL_JAAS_CONFIG": <CONNECT_SASL_JAAS_CONFIG>,
  "CONNECT_SASL_MECHANISM": <CONNECT_SASL_MECHANISM>,
  "CONNECT_SECURITY_PROTOCOL": <CONNECT_SECURITY_PROTOCOL>
}
```

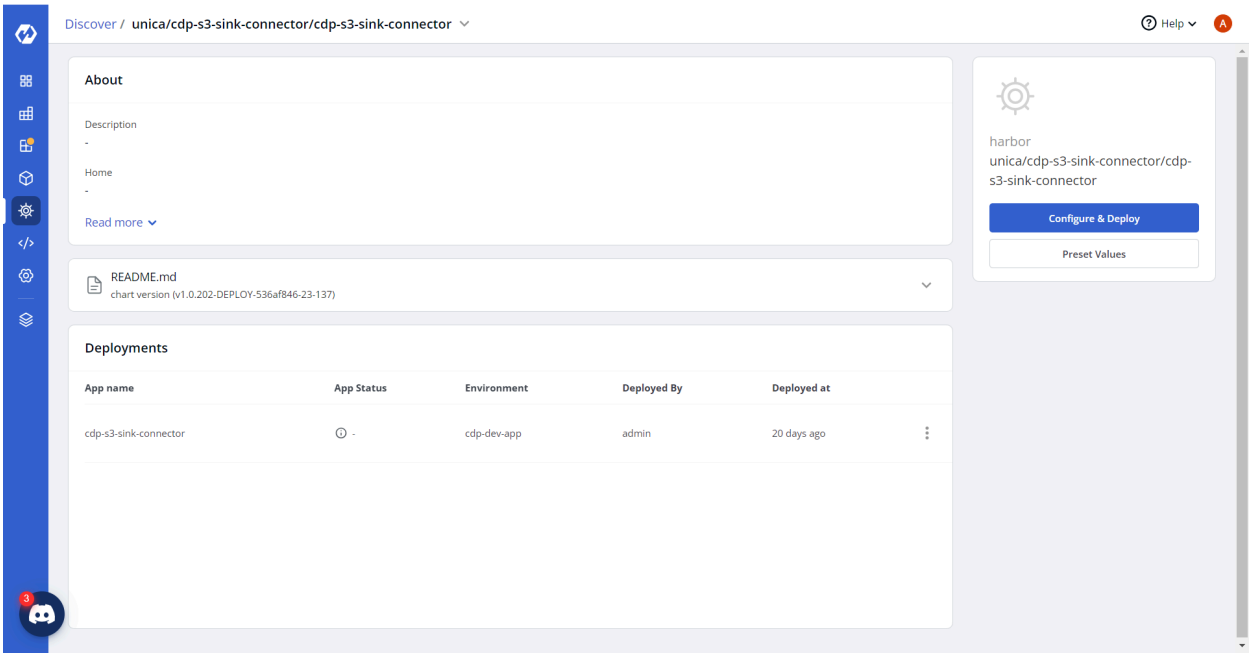
Deploying CDP S3 Sink Connector

To deploy the CDP S3 Sink Connector, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-psql-api chart to deploy.



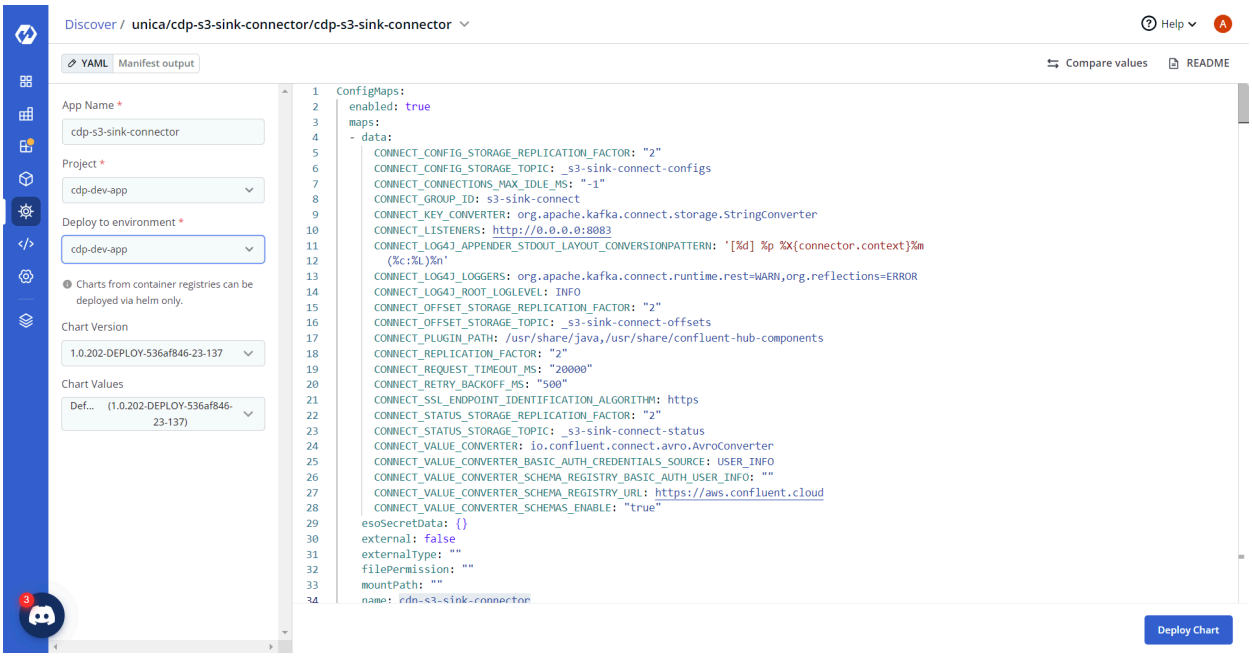
2. Now, configure and deploy the CDP S3 Sink Connector charts.



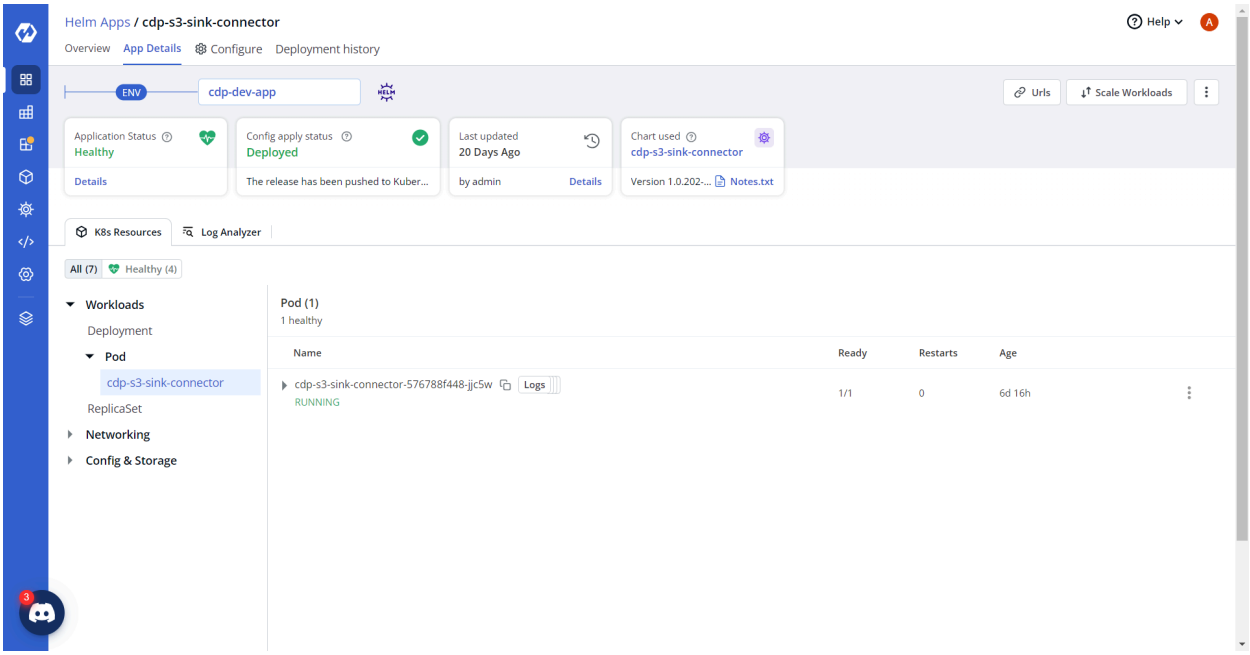
3. In the **YAML** section, update the ConfigMap using below details, and deploy the charts.

```
CONNECT_CONFIG_STORAGE_REPLICATION_FACTOR: "2"
CONNECT_CONFIG_STORAGE_TOPIC: _s3-sink-connect-configs
CONNECT_CONNECTIONS_MAX_IDLE_MS: "-1"
CONNECT_GROUP_ID: s3-sink-connect
CONNECT_KEY_CONVERTER: org.apache.kafka.connect.storage.StringConverter
CONNECT_LISTENERS: http://0.0.0.0:8083
```

```
CONNECT_LOG4J_APPENDER_STDOUT_LAYOUT_CONVERSIONPATTERN: '[%d] %p %X{connector.context}%m
        (%c:%L)%n'
CONNECT_LOG4J_LOGGERS: org.apache.kafka.connect.runtime.rest=WARN,org.reflections=ERROR
CONNECT_LOG4J_ROOT_LOGLEVEL: INFO
CONNECT_OFFSET_STORAGE_REPLICATION_FACTOR: "2"
CONNECT_OFFSET_STORAGE_TOPIC: _s3-sink-connect-offsets
CONNECT_PLUGIN_PATH: /usr/share/java,/usr/share/confluent-hub-components
CONNECT_REPLICATION_FACTOR: "2"
CONNECT_REQUEST_TIMEOUT_MS: "20000"
CONNECT_RETRY_BACKOFF_MS: "500"
CONNECT_SSL_ENDPOINT_IDENTIFICATION_ALGORITHM: https
CONNECT_STATUS_STORAGE_REPLICATION_FACTOR: "2"
CONNECT_STATUS_STORAGE_TOPIC: _s3-sink-connect-status
CONNECT_VALUE_CONVERTER: io.confluent.connect.avro.AvroConverter
CONNECT_VALUE_CONVERTER_BASIC_AUTH_CREDENTIALS_SOURCE: USER_INFO
CONNECT_VALUE_CONVERTER_SCHEMA_REGISTRY_BASIC_AUTH_USER_INFO: ""
CONNECT_VALUE_CONVERTER_SCHEMA_REGISTRY_URL: https://aws.confluent.cloud
CONNECT_VALUE_CONVERTER_SCHEMAS_ENABLE: "true"
```



4. On successful deployment, validate the deployment as shown below.

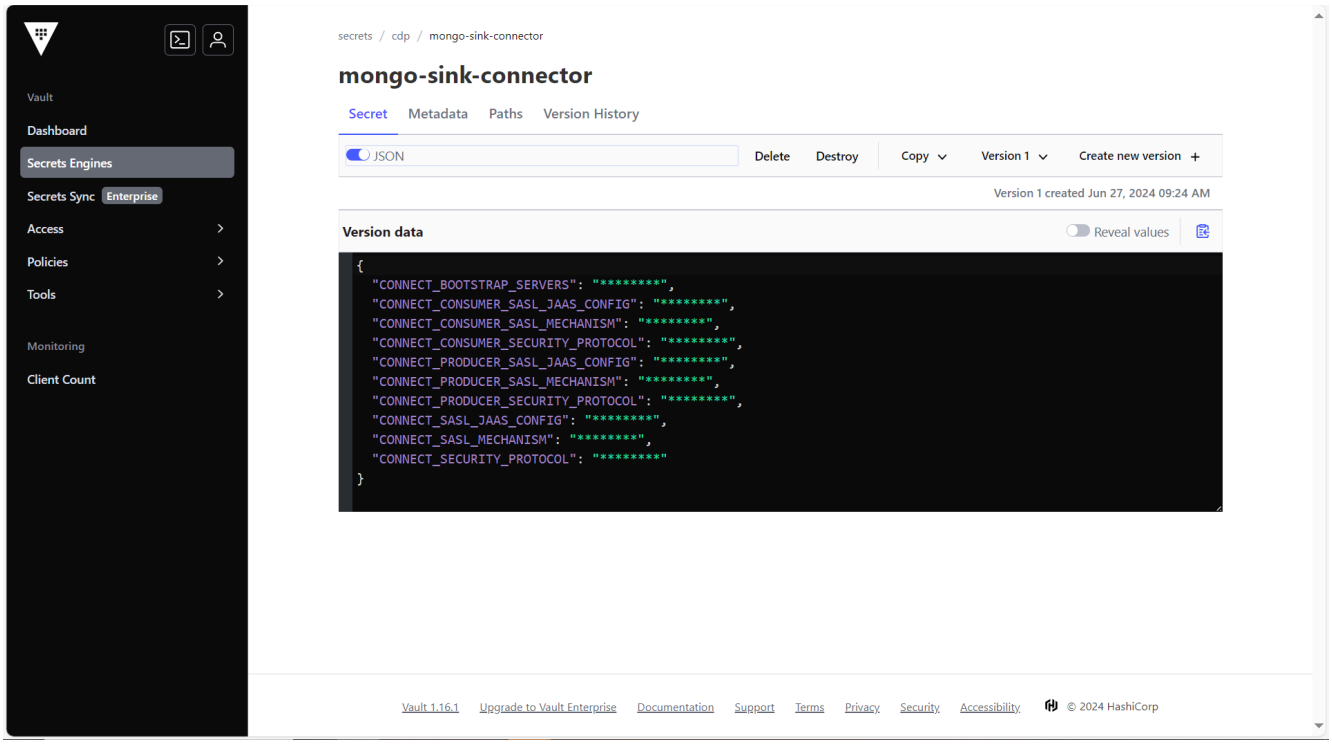


Deploying CDP Mongo Sink Connector

This section provides detailed instructions on how to deploy HCL CDP Mongo Sink Connector using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP Mongo Sink Connector.



To create the UI secret in HashiCorp Vault, follow the steps below:

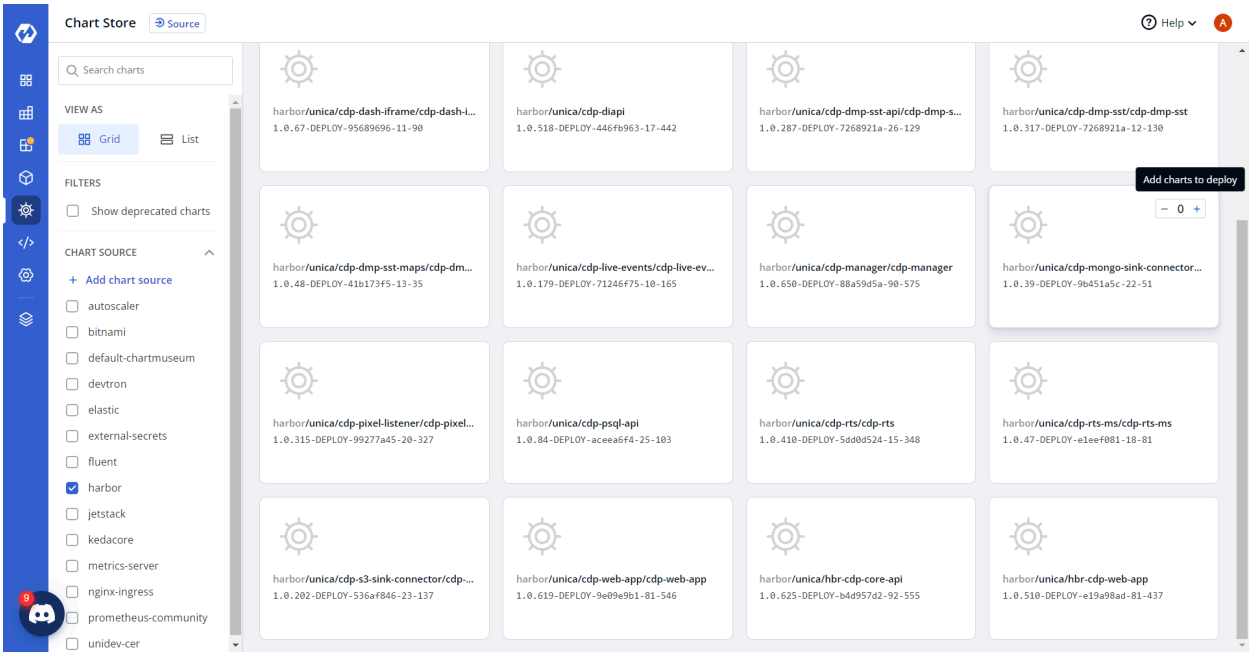
1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

```
{
  "CONNECT_BOOTSTRAP_SERVERS": <CONNECT_BOOTSTRAP_SERVERS>,
  "CONNECT_CONSUMER_SASL_JAAS_CONFIG": <CONNECT_CONSUMER_SASL_JAAS_CONFIG>,
  "CONNECT_CONSUMER_SASL_MECHANISM": <CONNECT_CONSUMER_SASL_MECHANISM>,
  "CONNECT_CONSUMER_SECURITY_PROTOCOL": <CONNECT_CONSUMER_SECURITY_PROTOCOL>,
  "CONNECT_PRODUCER_SASL_JAAS_CONFIG": <CONNECT_PRODUCER_SASL_JAAS_CONFIG>,
  "CONNECT_PRODUCER_SASL_MECHANISM": <CONNECT_PRODUCER_SASL_MECHANISM>,
  "CONNECT_PRODUCER_SECURITY_PROTOCOL": <CONNECT_PRODUCER_SECURITY_PROTOCOL>,
  "CONNECT_SASL_JAAS_CONFIG": <CONNECT_SASL_JAAS_CONFIG>,
  "CONNECT_SASL_MECHANISM": <CONNECT_SASL_MECHANISM>,
  "CONNECT_SECURITY_PROTOCOL": <CONNECT_SECURITY_PROTOCOL>
}
```

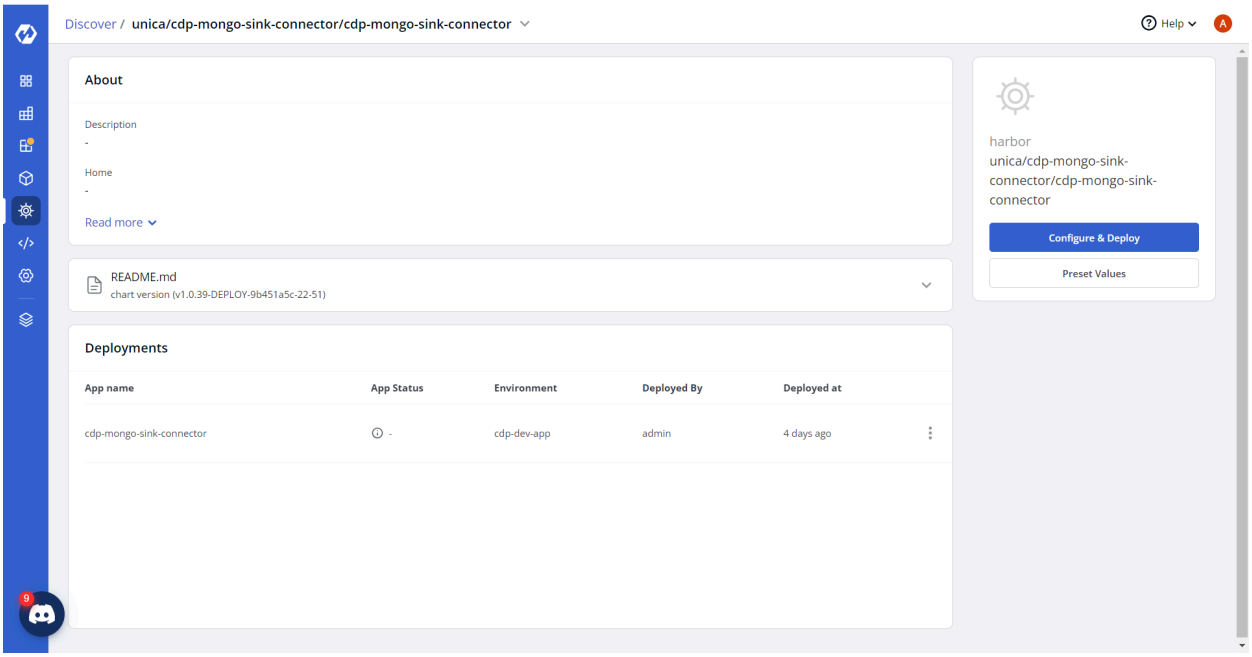
Deploying CDP Mongo Sink Connector

To deploy the CDP Mongo Sink Connector, follow these steps below:

1. Navigate to the Devtron **Chart Store**, and select the cdp-mongo-sink-connector chart to deploy.



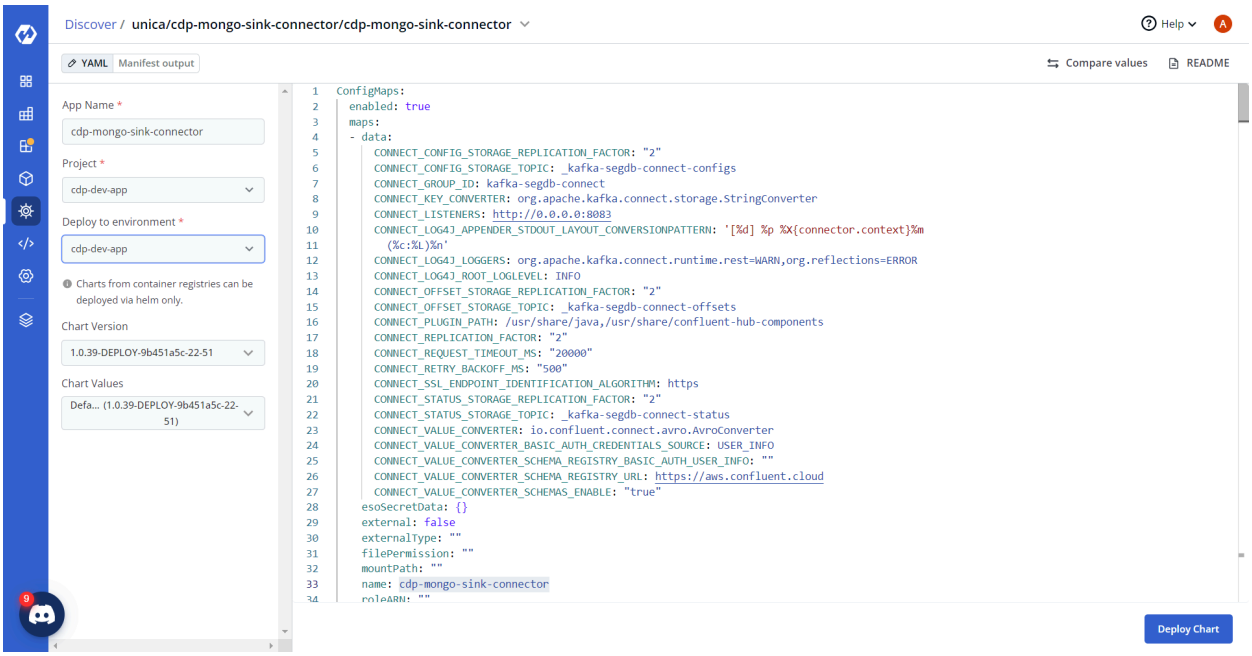
2. Now, configure and deploy the CDP Mongo Sink Connector.



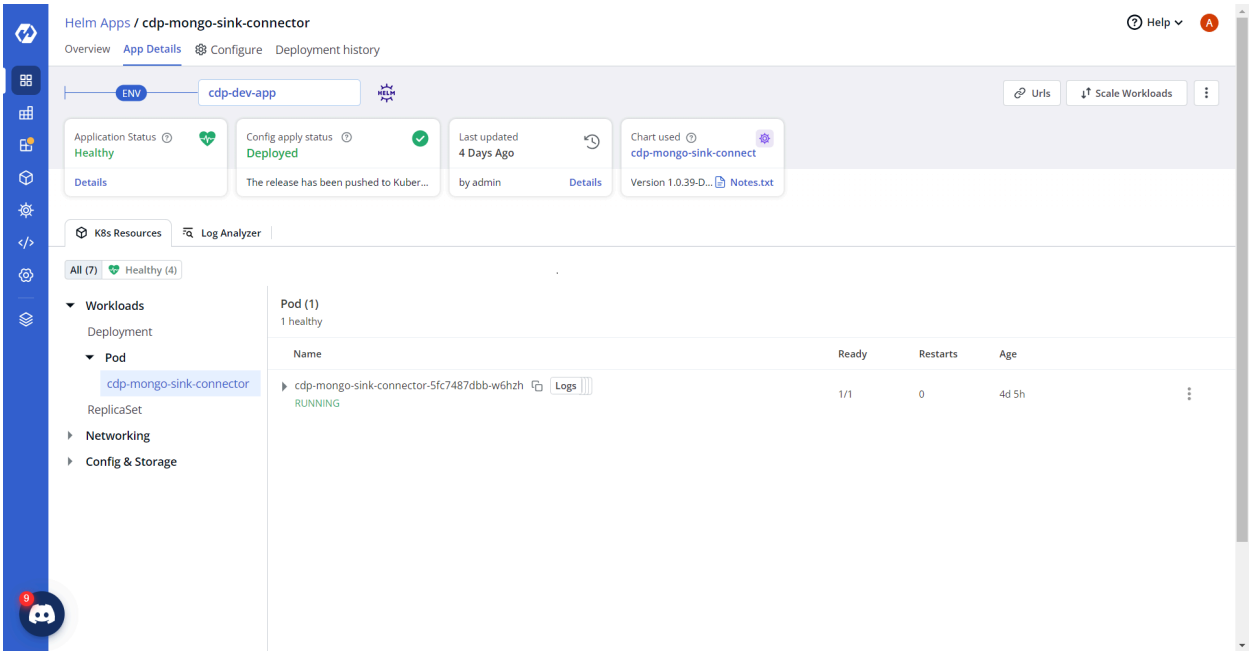
3. In the **YAML** section, update the ConfigMap using below details, and deploy the charts.

```
CONNECT_CONFIG_STORAGE_REPLICATION_FACTOR: "2"
CONNECT_CONFIG_STORAGE_TOPIC: _kafka-segdb-connect-configs
CONNECT_GROUP_ID: kafka-segdb-connect
CONNECT_KEY_CONVERTER: org.apache.kafka.connect.storage.StringConverter
CONNECT_LISTENERS: http://0.0.0.0:8083
CONNECT_LOG4J_APPENDER_STDOUT_LAYOUT_CONVERSIONPATTERN: '[%d] %p %X{connector.context}%m
```

```
  (%c:%L)%n'
CONNECT_LOG4J_LOGGERS: org.apache.kafka.connect.runtime.rest=WARN,org.reflections=ERROR
CONNECT_LOG4J_ROOT_LOGLEVEL: INFO
CONNECT_OFFSET_STORAGE_REPLICATION_FACTOR: "2"
CONNECT_OFFSET_STORAGE_TOPIC: _kafka-segdb-connect-offsets
CONNECT_PLUGIN_PATH: /usr/share/java,/usr/share/confluent-hub-components
CONNECT_REPLICATION_FACTOR: "2"
CONNECT_REQUEST_TIMEOUT_MS: "20000"
CONNECT_RETRY_BACKOFF_MS: "500"
CONNECT_SSL_ENDPOINT_IDENTIFICATION_ALGORITHM: https
CONNECT_STATUS_STORAGE_REPLICATION_FACTOR: "2"
CONNECT_STATUS_STORAGE_TOPIC: _kafka-segdb-connect-status
CONNECT_VALUE_CONVERTER: io.confluent.connect.avro.AvroConverter
CONNECT_VALUE_CONVERTER_BASIC_AUTH_CREDENTIALS_SOURCE: USER_INFO
CONNECT_VALUE_CONVERTER_SCHEMA_REGISTRY_BASIC_AUTH_USER_INFO: ""
CONNECT_VALUE_CONVERTER_SCHEMA_REGISTRY_URL: https://aws.confluent.cloud
CONNECT_VALUE_CONVERTER_SCHEMAS_ENABLE: "true"
```



4. On successful deployment, validate the deployment as shown below.

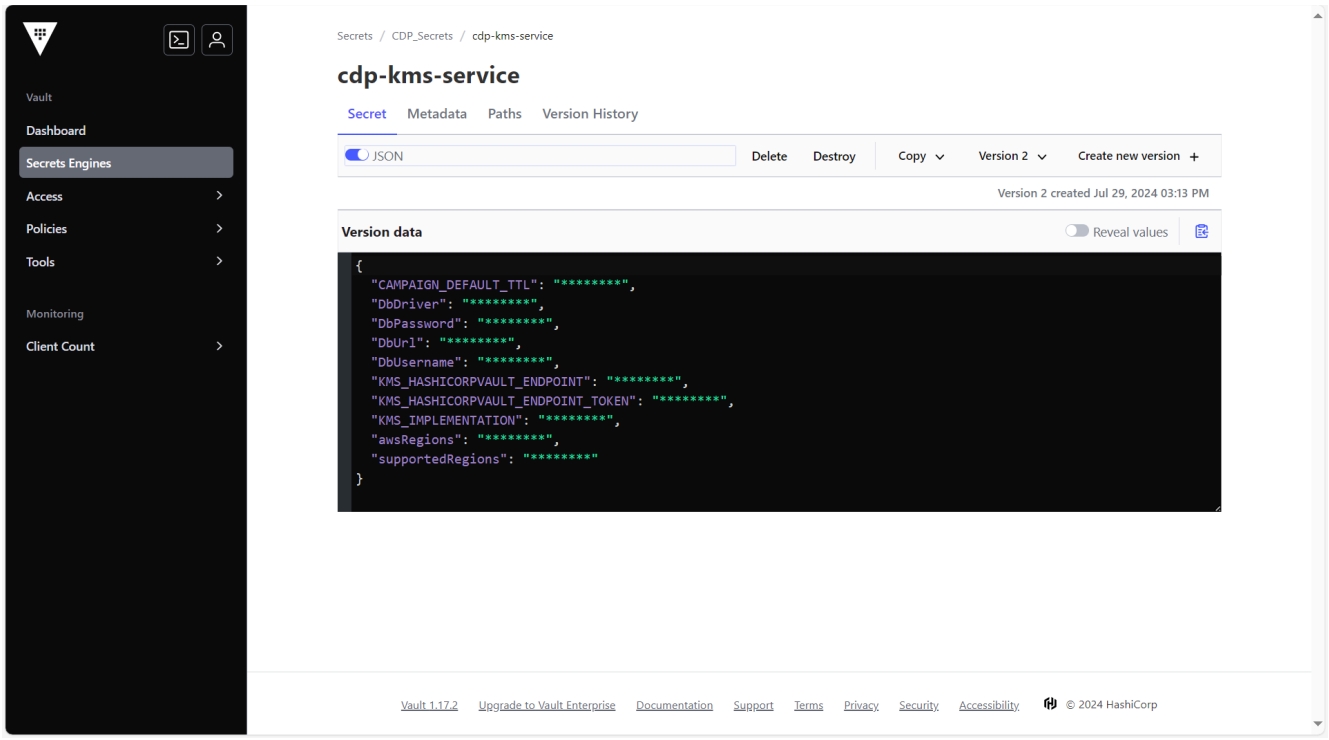


Deploying CDP KMS Service

This section provides detailed instructions on how to deploy HCL CDP KMS Service using the Devtron in the OpenShift.

Prerequisites:

Make sure to create UI secret with required data in HashiCorp vault before deploying CDP KMS Service.



To create the UI secret in HashiCorp Vault, follow the steps below:

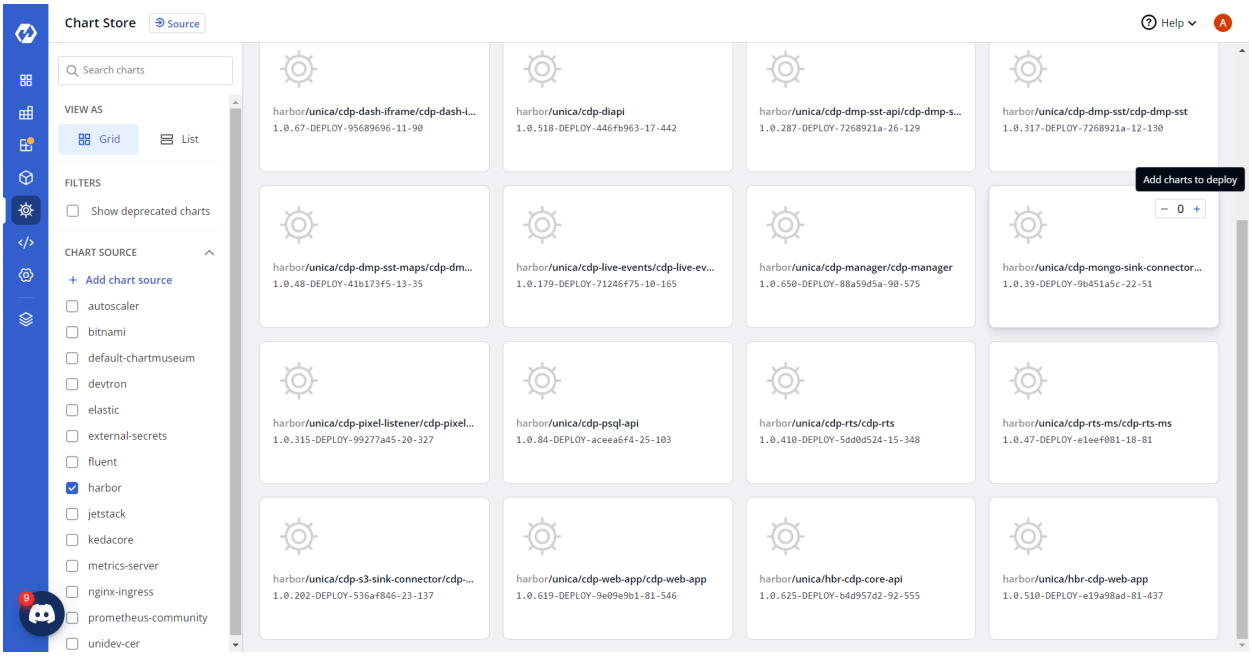
1. Create a UI secret sample key and value in the UI secret, and update ConfigMaps data with actual values.

```
{
  "CAMPAIGN_DEFAULT_TTL": "21600",
  "DbDriver": "<DbDriver>",
  "DbPassword": "<DbPassword>",
  "DbUrl": "<DbUrl>",
  "DbUsername": "<DbUsername>",
  "KMS_HASHICORPVAULT_ENDPOINT": "<KMS_HASHICORPVAULT_ENDPOINT>",
  "KMS_HASHICORPVAULT_ENDPOINT_TOKEN": "<KMS_HASHICORPVAULT_ENDPOINT_TOKEN>",
  "KMS_IMPLEMENTATION": "HashiCorpVault",
  "awsRegions": "ap-south-1",
  "supportedRegions": "aps1"
}
```

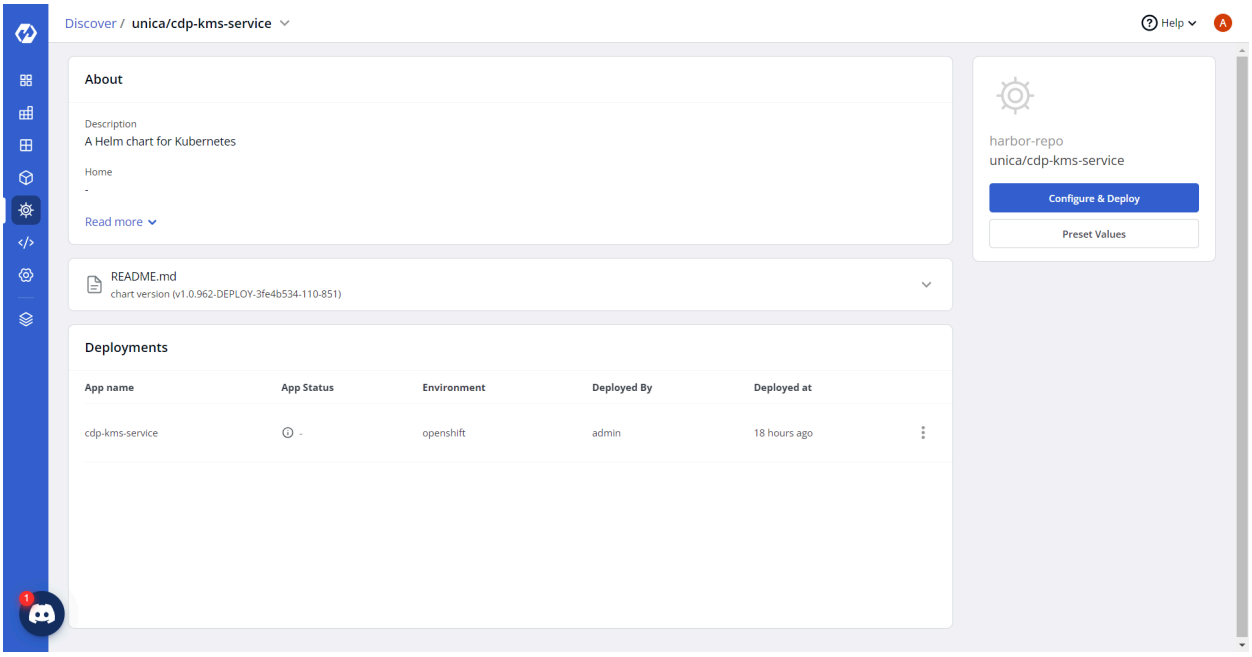
Deploying CDP KMS Service

To deploy the CDP KMS Service, follow these steps below:

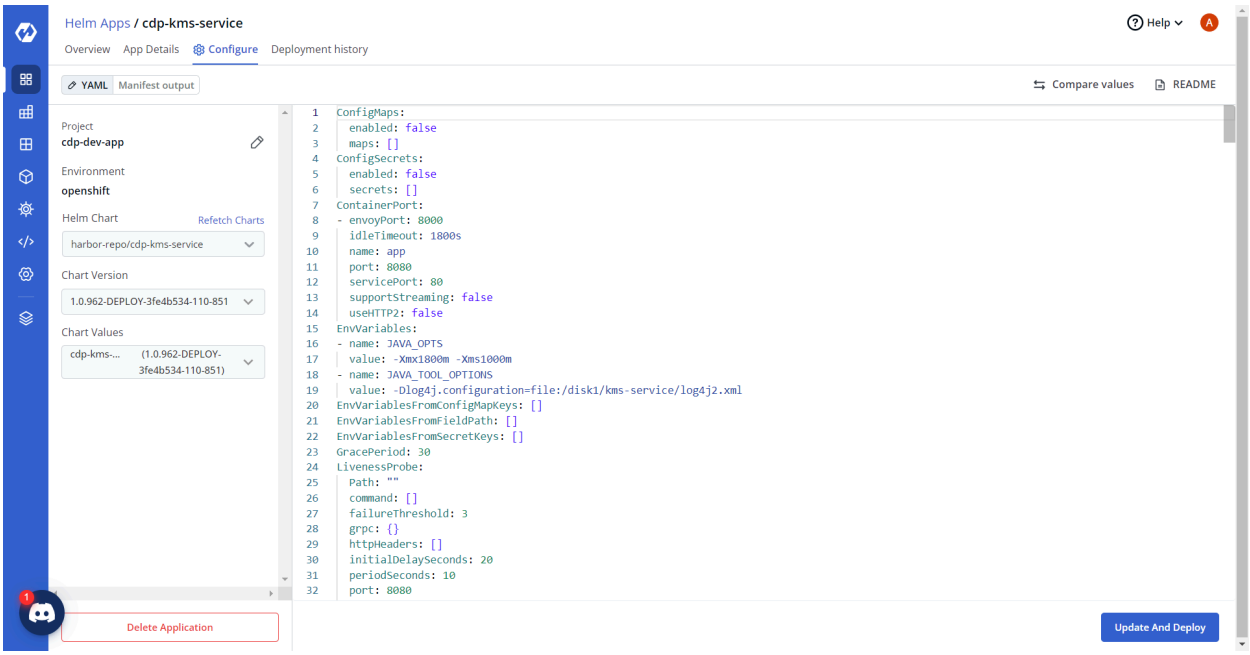
1. Navigate to the Devtron **Chart Store**, and select the cdp-mongo-sink-connector chart to deploy.



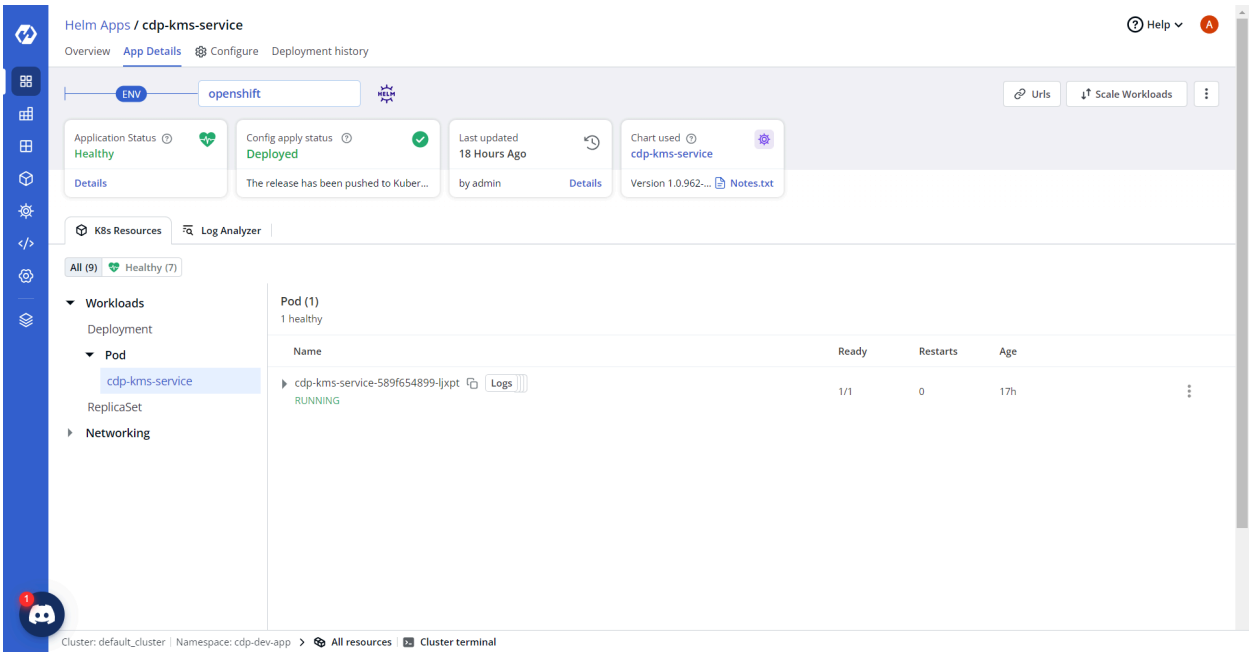
2. Now, configure and deploy the CDP KMS Service.



3. In the **YAML** section, update the ConfigMap using below details, and deploy the charts.



4. On successful deployment, validate the deployment as shown below.

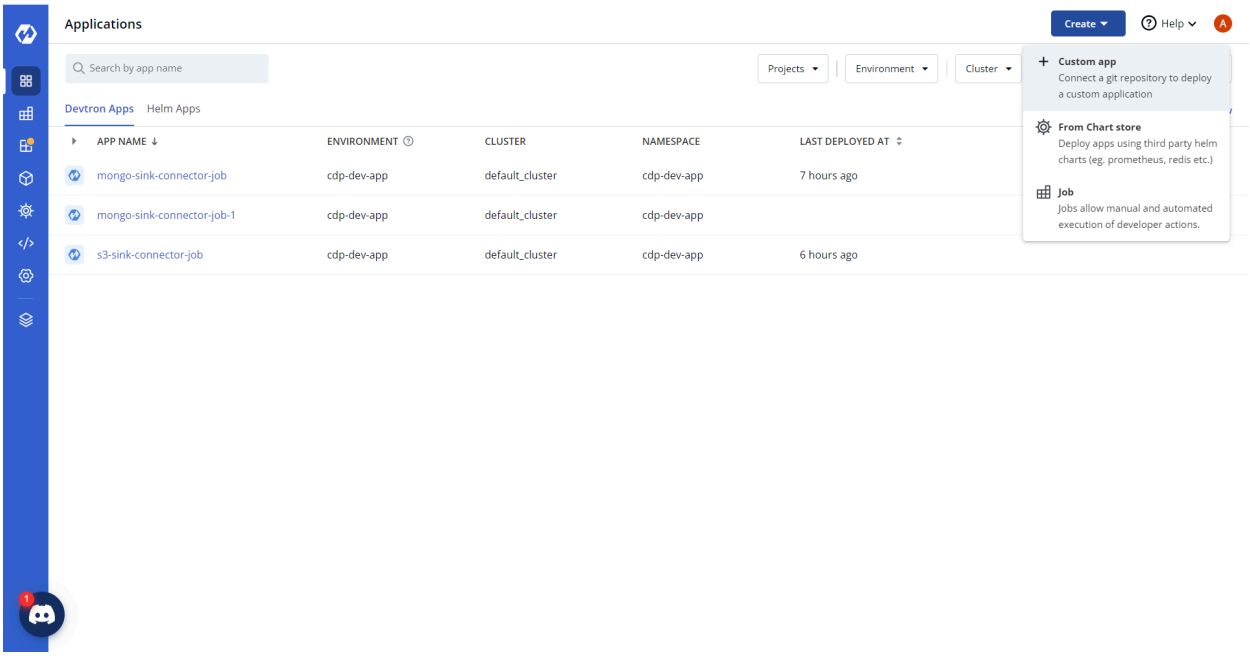


Deploying CDP Mongo Connector Sink Job

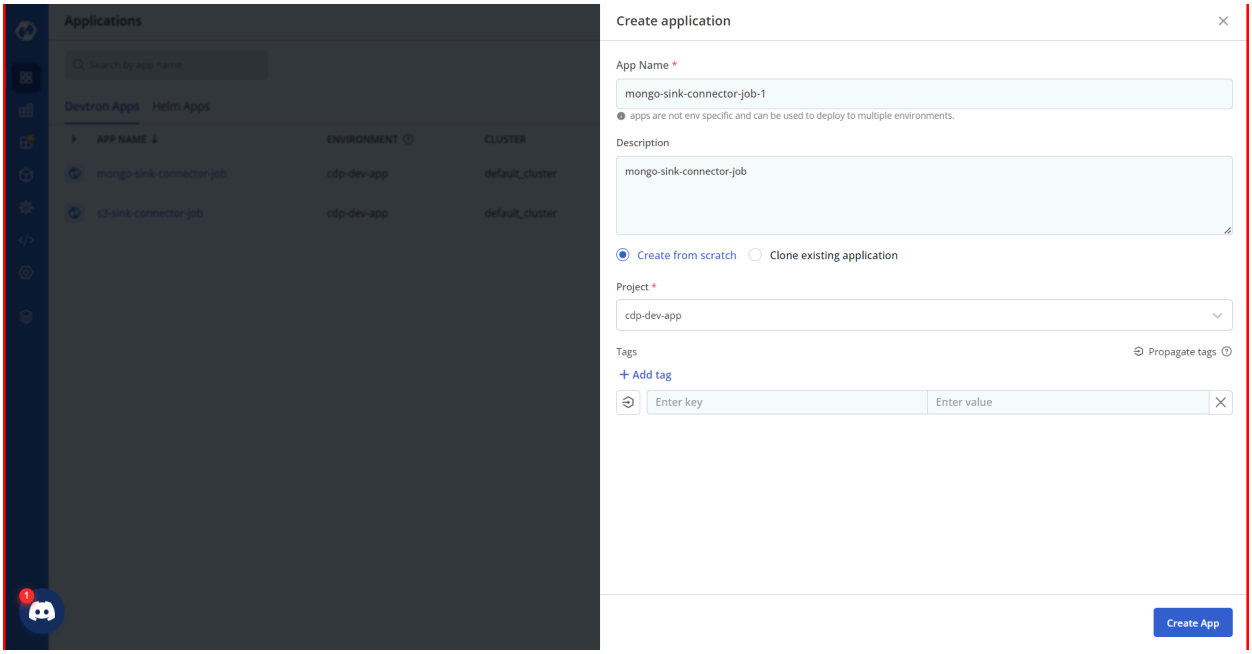
This section provides detailed instructions on how to deploy HCL CDP Mongo Connector Sink Job using the Devtron in the OpenShift.

Creating custom app

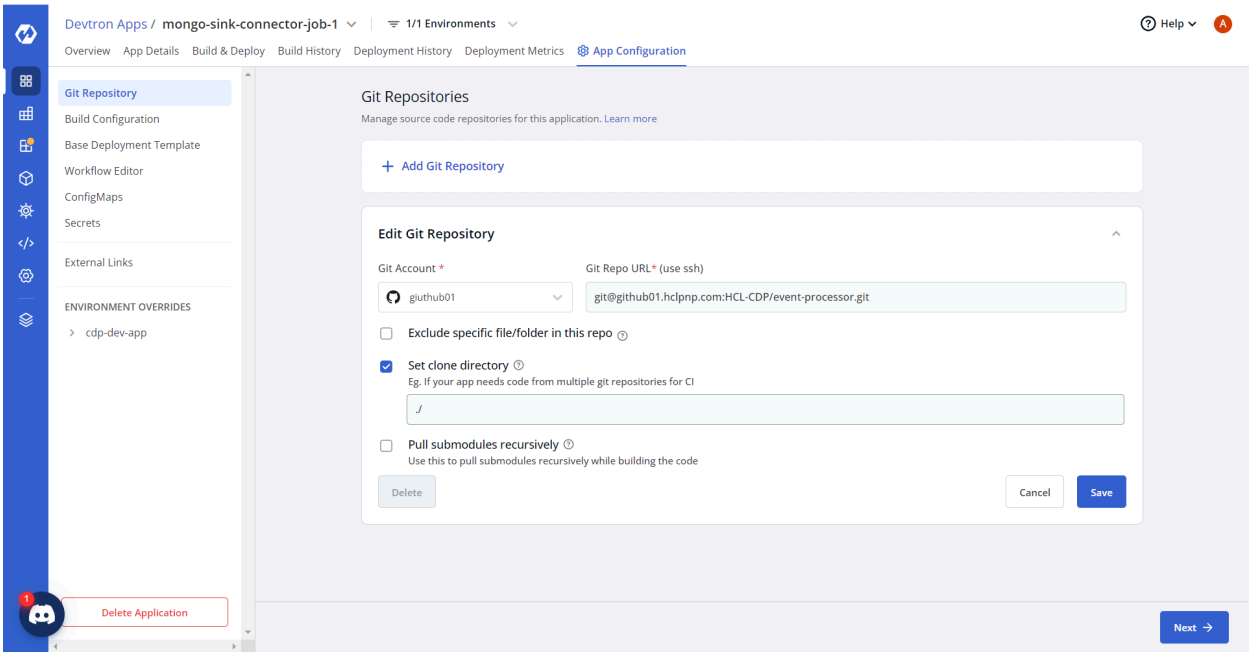
1. In the devtron console, select **Applications**, and click **Create** > **Custom app**.



2. In the **Create Application** section, enter application name as "mongo-sink-connector-job" and select a Project to store the application.



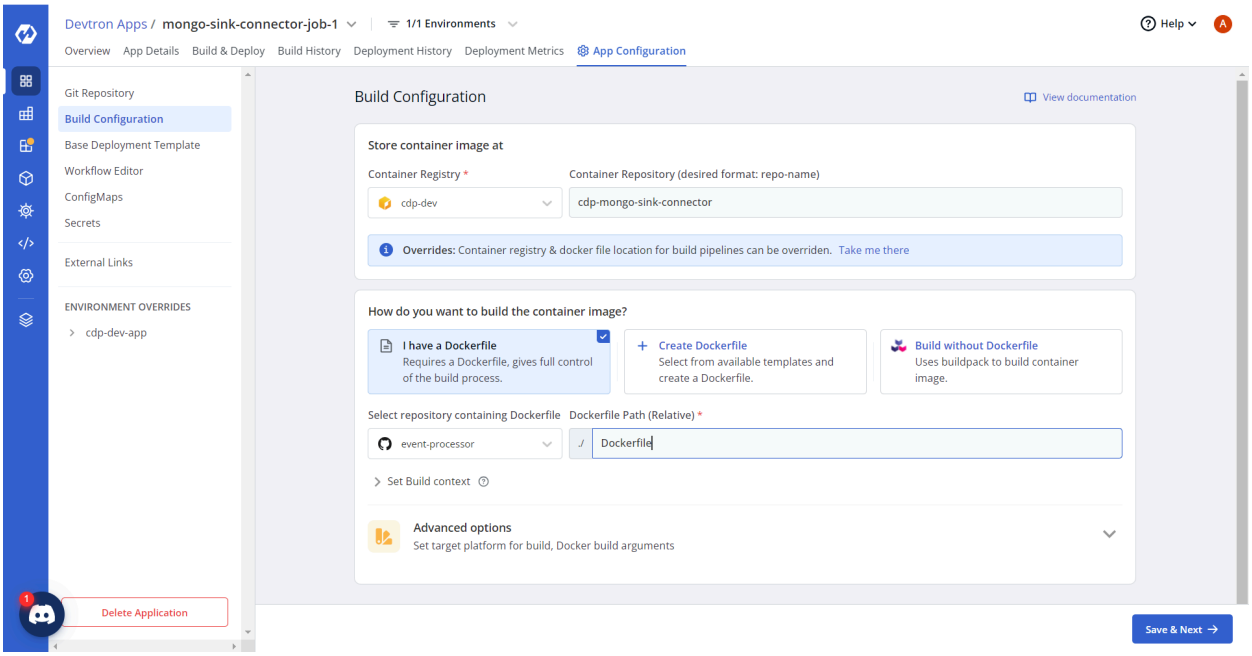
3. Click **Create App** to create the application. Now, click **App Configuration** tab, and update source code repositories for the application.



Building custom app

After successfully creating the custom app, build the custom app with docker image, and configure a workflow for the custom app.

1. In the Devtron Apps page, click **Build Configurations**. In the **App Configuration** tab, select **I have a Dockerfile** option and update the dockerfile path.



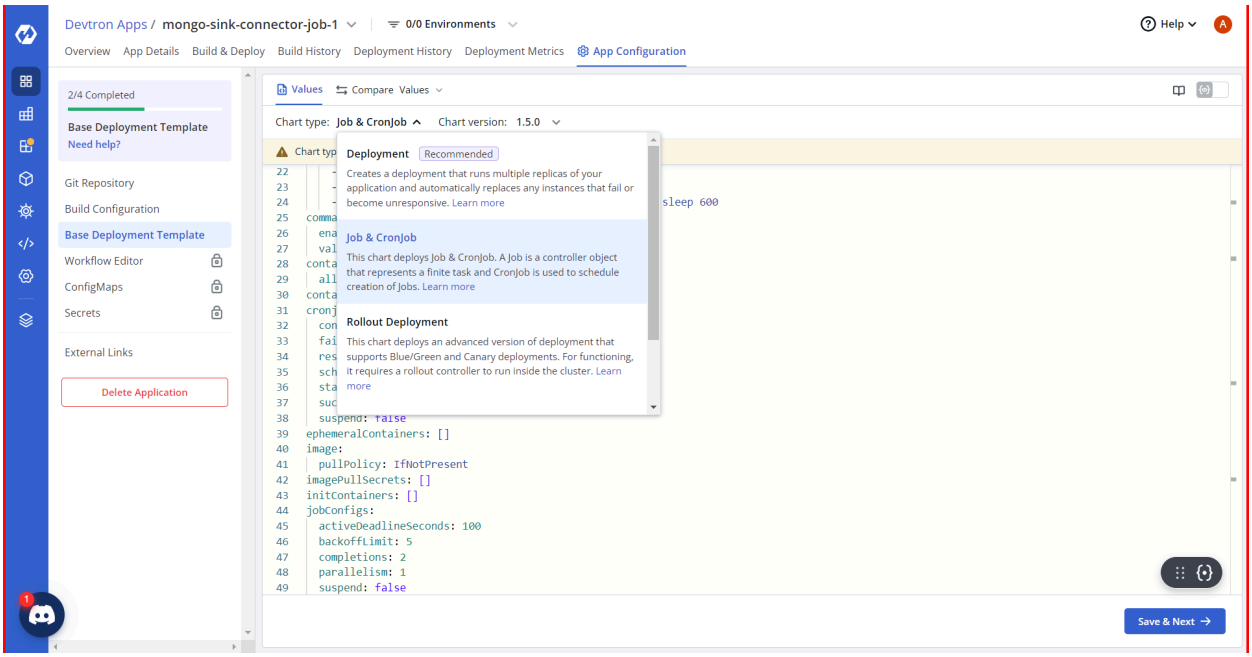
2. Click **Save & Next**, and in the **Base Deployment Template** section, update chart type and Mongo Connector Sink URLs in the base deployment template as shown below.

Deployment Template

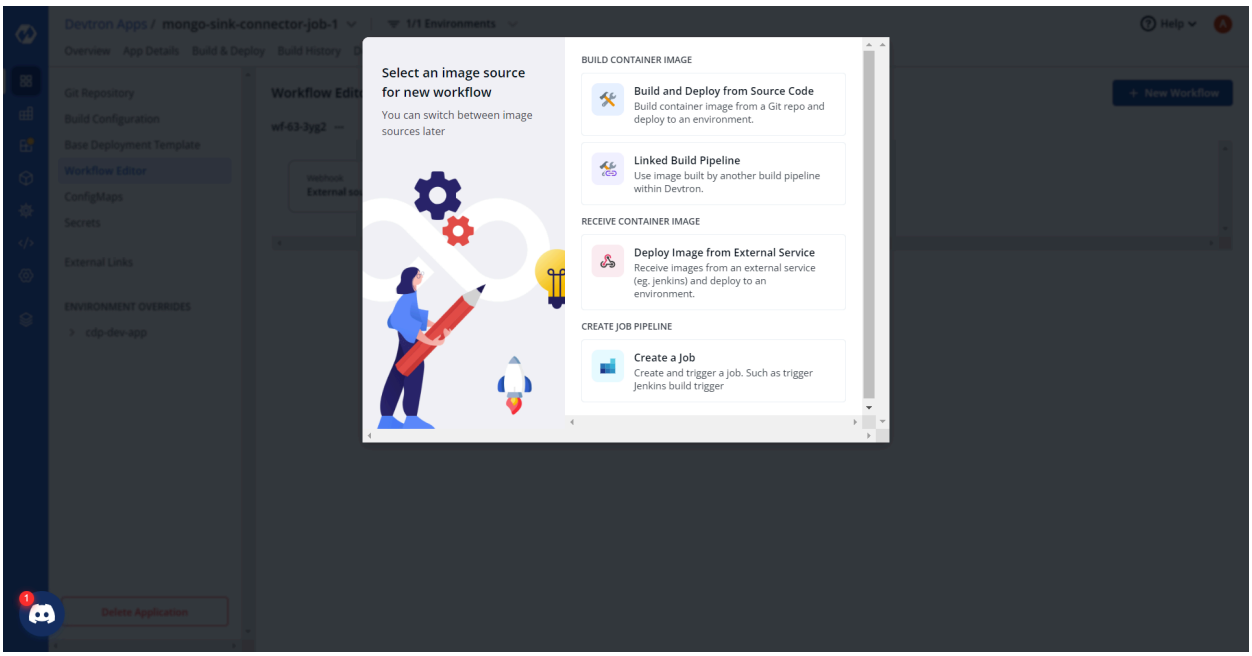
```
ContainerPort:
  - envoyPort: 8799
    idleTimeout: 1800s
    name: app
    port: 8080
    servicePort: 80
    supportStreaming: true
    useHTTP2: true
EnvVariables: []
GracePeriod: 30
MaxSurge: 1
MaxUnavailable: 0
MinReadySeconds: 60
Spec:
  Affinity:
    Key: null
    Values: nodes
    key: ""
args:
  enabled: true
  value:
    - /bin/sh
    - -c
    - >
      until $(curl --output /dev/null --silent --head --fail
      http://cdp-mongo-sink-connector-service.cdp-dev-app.svc.cluster.local:80);
```

```
      do
        echo "Waiting for Kafka Connect API..."
        sleep 5
      done

      echo "Posting Kafka Connect configuration..."

      curl -X POST -H "Content-Type: application/json" --data @/data/${APP_NAME}
 http://cdp-mongo-sink-connector-service.cdp-dev-app.svc.cluster.local:80/connectors
command:
  enabled: false
  value: []
containerSecurityContext:
  allowPrivilegeEscalation: false
containers: []
cronjobConfigs:
  concurrencyPolicy: Allow
  failedJobsHistoryLimit: 1
  restartPolicy: OnFailure
  schedule: "* * * * *"
  startingDeadlineSeconds: 100
  successfulJobsHistoryLimit: 3
  suspend: false
ephemeralContainers: []
image:
  pullPolicy: IfNotPresent
imagePullSecrets: []
initContainers: []
jobConfigs:
  activeDeadlineSeconds: 100
  backoffLimit: 5
  completions: 1
  parallelism: 1
  suspend: false
kedaAutoscaling:
  envSourceContainerName: ""
  failedJobsHistoryLimit: 5
  maxReplicaCount: 2
  minReplicaCount: 1
  pollingInterval: 30
  rolloutStrategy: default
  scalingStrategy:
    customScalingQueueLengthDeduction: 1
    customScalingRunningJobPercentage: "0.5"
    multipleScalersCalculation: max
    pendingPodConditions:
      - Ready
      - PodScheduled
      - AnyOtherCustomPodCondition
    strategy: custom
  successfulJobsHistoryLimit: 5
  triggerAuthentication:
    enabled: false
    name: ""
    spec: {}
  triggers:
    - authenticationRef: {}
      metadata:
```

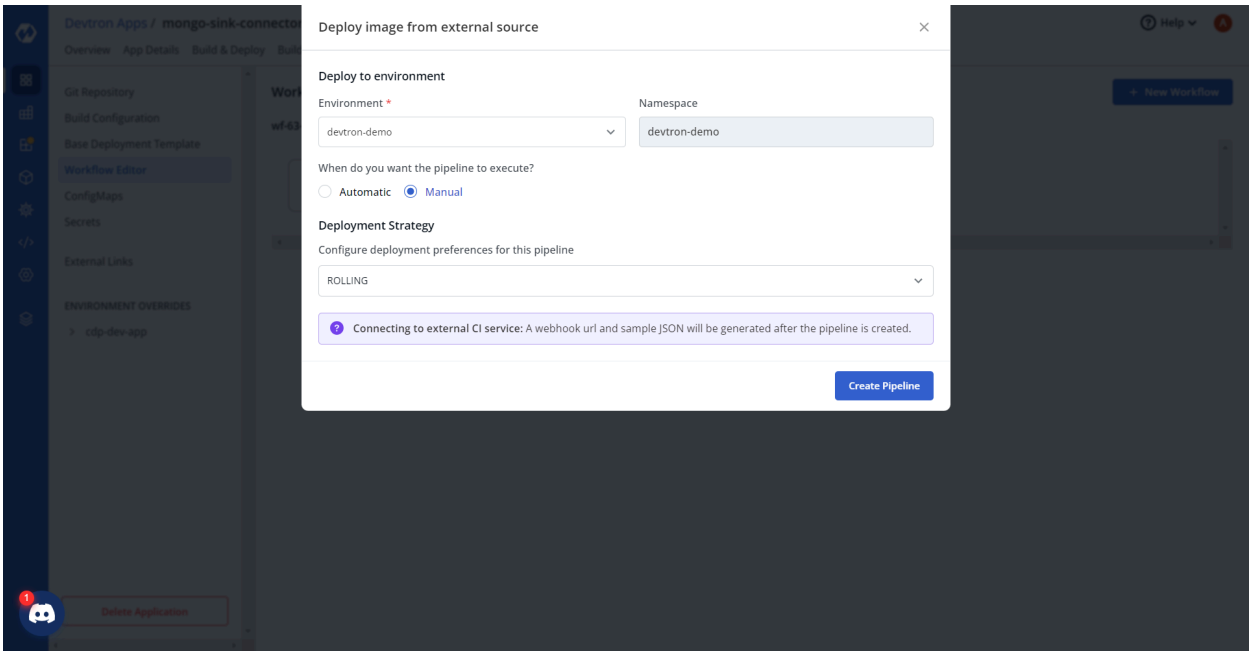
```
        host: RabbitMqHost
        queueLength: "5"
        queueName: hello
      type: rabbitmq
kind: Job
pauseForSecondsBeforeSwitchActive: 30
podAnnotations: {}
podLabels: {}
podSecurityContext: {}
prometheus:
  release: monitoring
rawYaml: []
readinessGates: []
resources:
  limits:
    cpu: "0.05"
    memory: 50Mi
  requests:
    cpu: "0.01"
    memory: 10Mi
secret:
  data: {}
  enabled: false
server:
  deployment:
    image: ""
    image_tag: 1-95af053
service:
  annotations: {}
  enabled: false
  type: ClusterIP
servicemonitor:
  additionalLabels: {}
setHostnameAsFQDN: false
shareProcessNamespace: false
tolerations: []
topologySpreadConstraints: []
volumeMounts: []
volumes: []
waitForSecondsBeforeScalingDown: 30
```



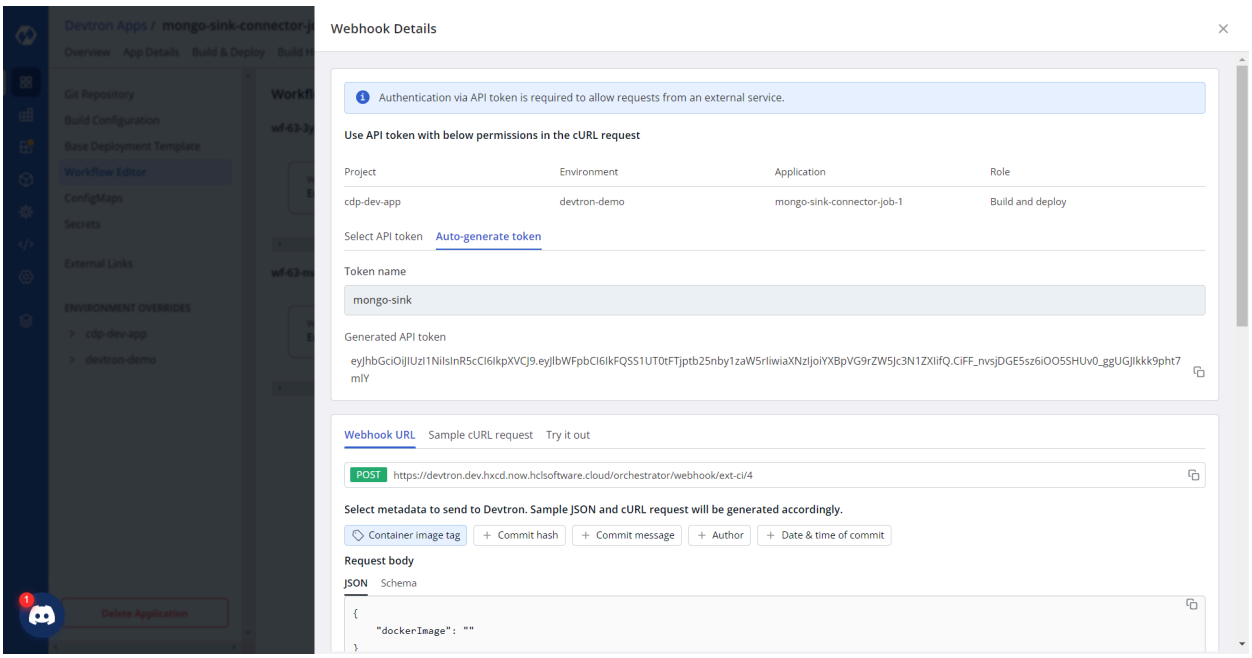
3. Click **Save & Next**. In the Workflow Editor section, add new workflow, and select the **Deploy Image from External Source** option.



4. Configure required parameters, and click **Create pipeline** at the right bottom corner of the Deploy image from external source section.

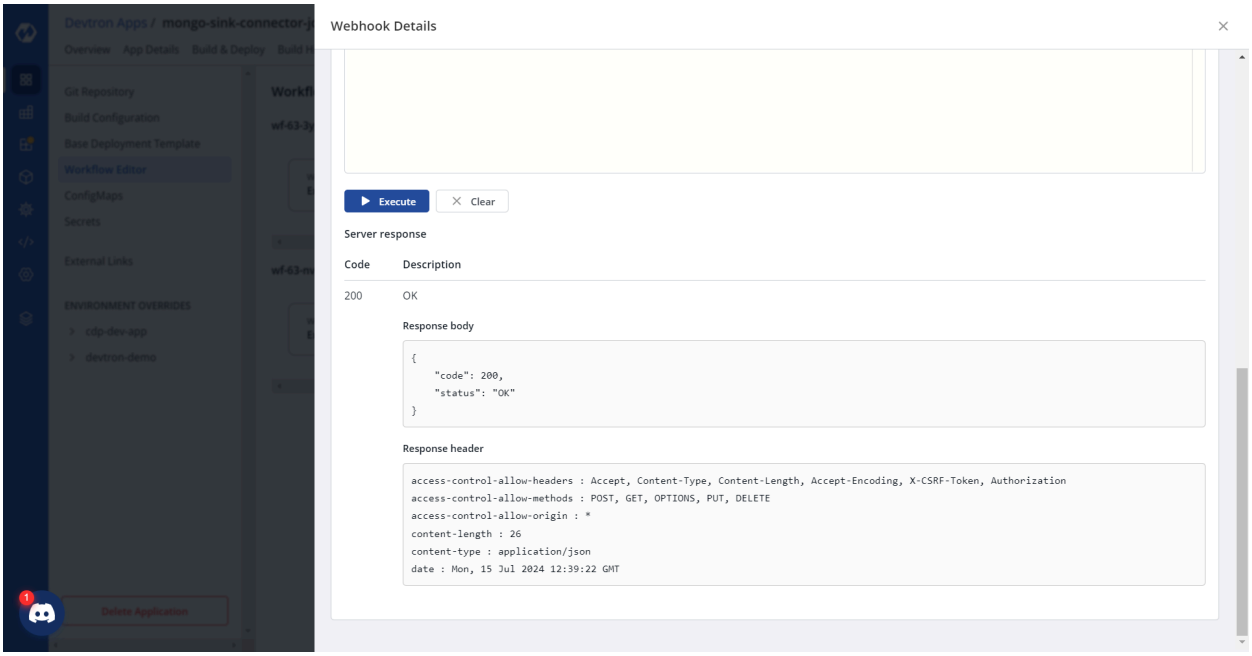


5. In the Workflow Editor, click **Edit Workflow**, and in the **Webhook Details** section, click the **Auto Generate Token** tab, and copy the token details.



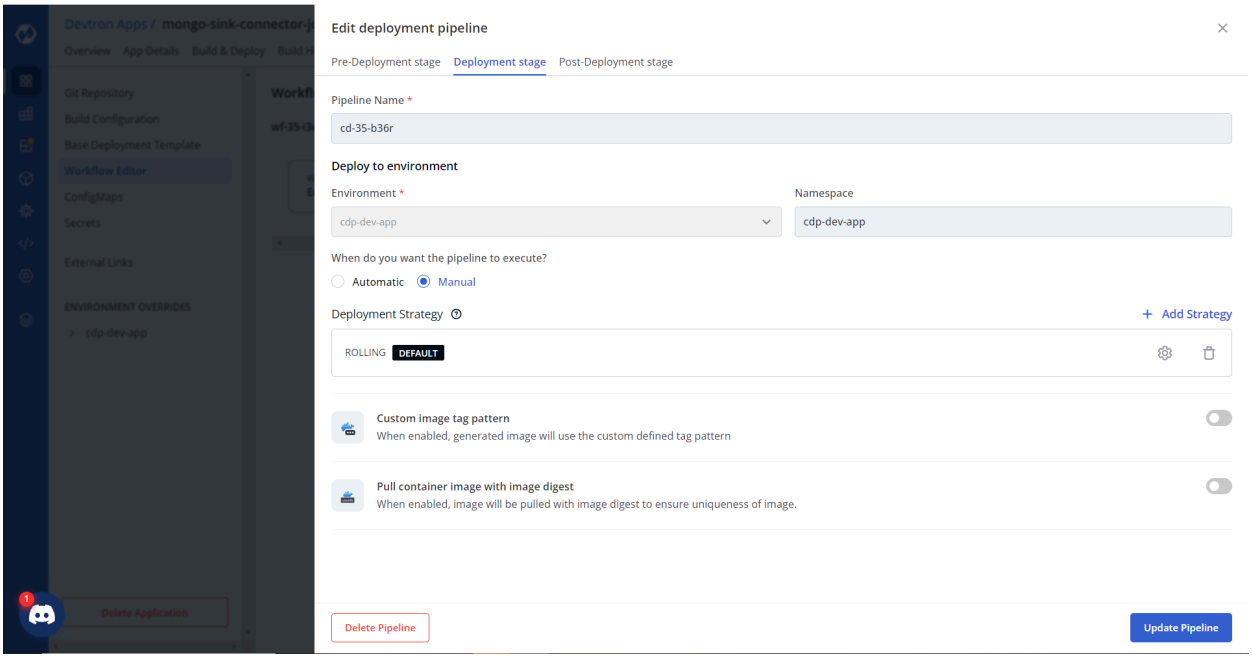
6. Now, click **Try it out** tab below the Auto-generate token section, and update api-token and dockerImage details.

7. Click **Execute**, and on successful execution, check the server response.

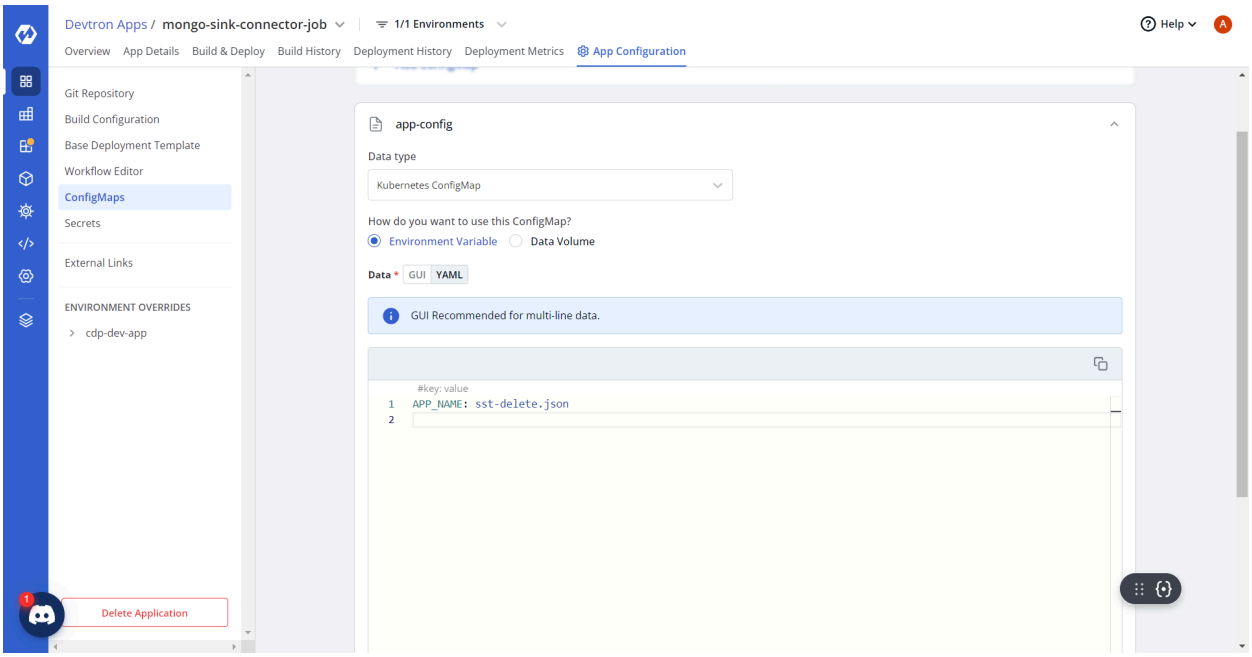


Configuring and deploying custom app

1. Click Edit deployment pipeline, check the deployment stage of the workflow and click **Update Pipeline**.



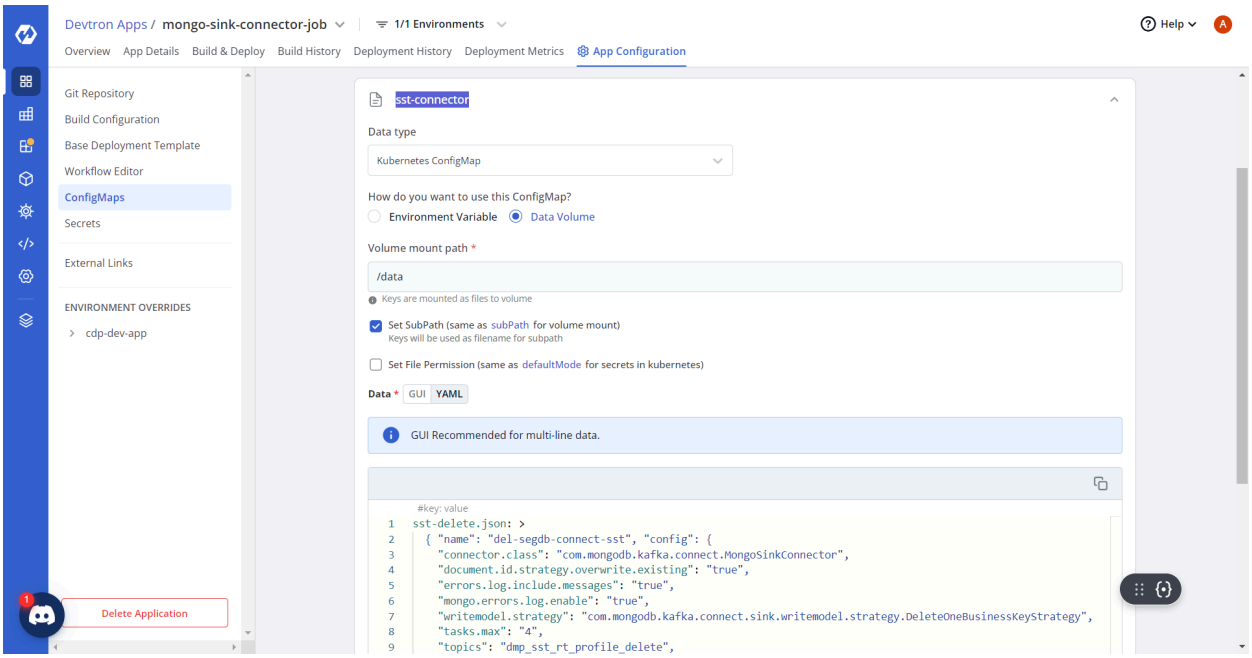
2. In the ConfigMaps section, under the **App Configuration** tab, update the app-config as shown below.



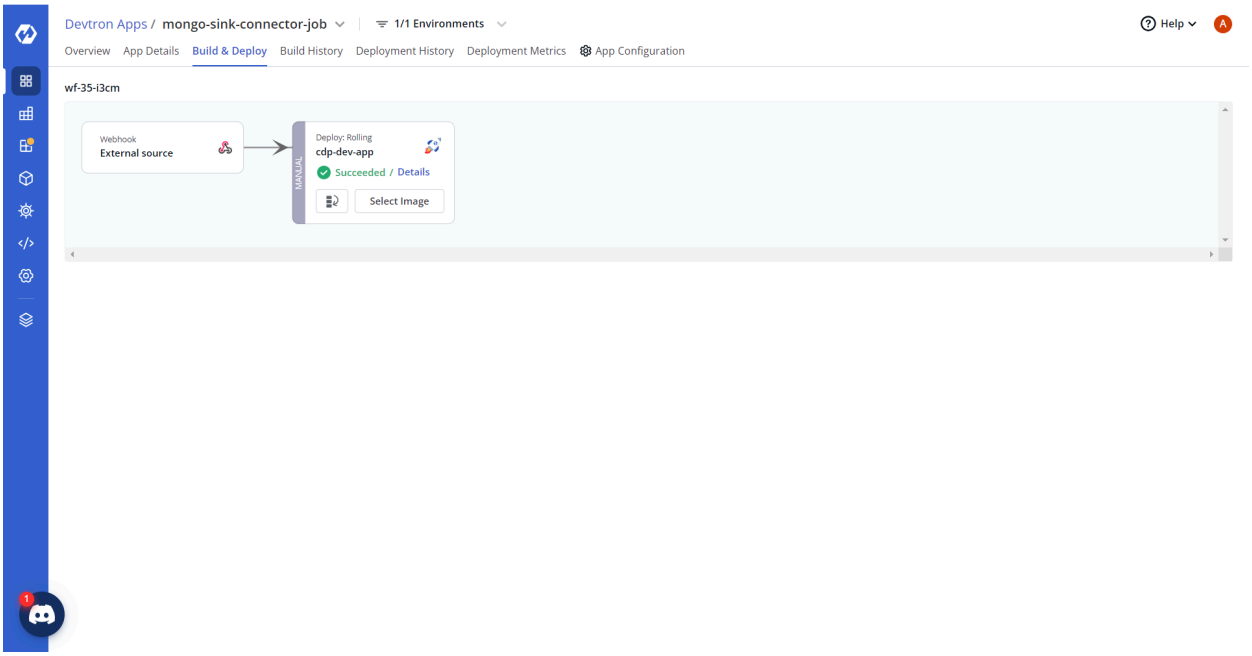
3. Similarly, update ConfigMaps for sst-connector as shown below.

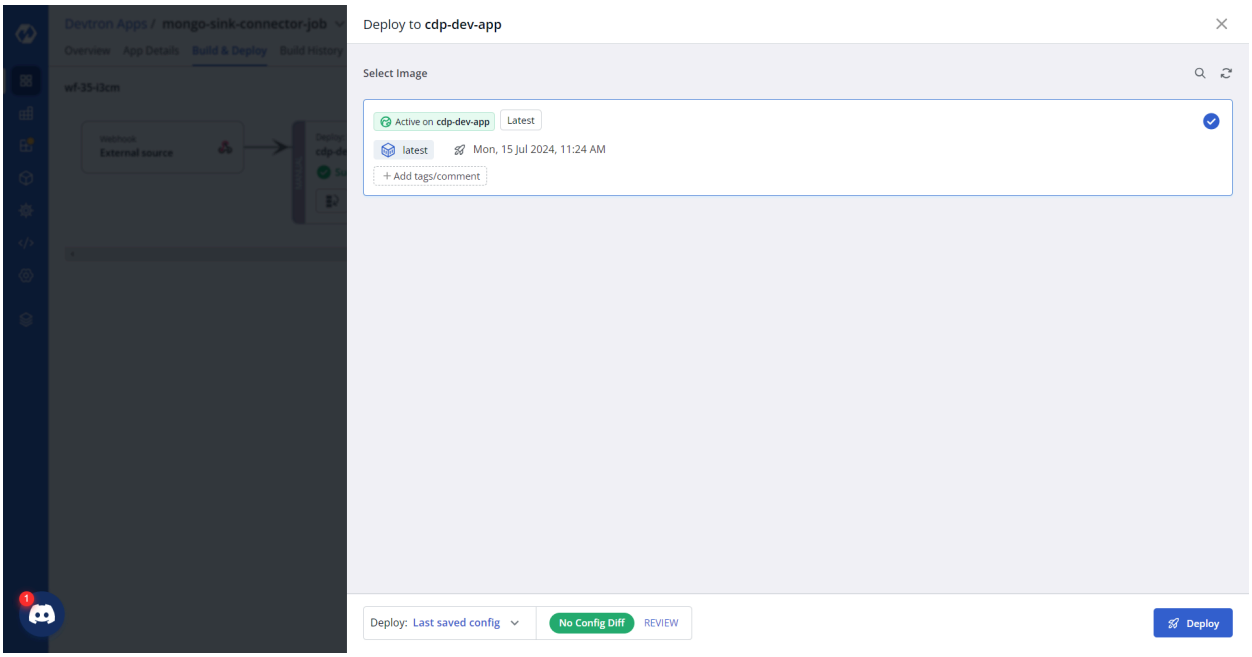
```
sst-delete.json: >
  { "name": "del-segdb-connect-sst", "config": {
    "connector.class": "com.mongodb.kafka.connect.MongoSinkConnector",
    "document.id.strategy.overwrite.existing": "true",
    "errors.log.include.messages": "true",
    "mongo.errors.log.enable": "true",
    "writemodel.strategy":
 "com.mongodb.kafka.connect.sink.writemodel.strategy.DeleteOneBusinessKeyStrategy",
    "tasks.max": "4",
    "topics": "dmp_sst_rt_profile_delete",
    "namespace.mapper.value.collection.field": "campaignId",
    "collection": "profile",
    "namespace.mapper": "com.mongodb.kafka.connect.sink.namespace.mapping.FieldPathNamespaceMapper",
    "errors.deadletterqueue.context.headers.enable": "true",
    "mongo.errors.tolerance": "all",
    "database": "segmentation",
    "document.id.strategy": "com.mongodb.kafka.connect.sink.processor.id.strategy.PartialValueStrategy",
    "document.id.strategy.partial.value.projection.list": "key",
    "namespace.mapper.error.if.invalid": "false",
    "errors.deadletterqueue.topic.name": "mongo_profile_delete_dlq",
    "connection.uri":
 "mongodb://segdbconnector:46WNWhr6qXgm2JRmTdlyA==@puapso1ahxcdmgodbs1001.hxcd.aws.hclsw.internal:51090,
puapso1bhxcdmgodbs1002.hxcd.aws.hclsw.internal:51090,puapso1ahxcdmgodbs1003.hxcd.aws.hclsw.internal:5109
0,puapso1bhxcdmgodbs1004.hxcd.aws.hclsw.internal:51090/?replicaSet=cdprsg&authSource=admin",
    "errors.tolerance": "all",
     "name": "del-segdb-connect-sst",
    "value.converter": "org.apache.kafka.connect.storage.StringConverter",
    "document.id.strategy.partial.value.projection.type": "AllowList",
    "post.processor.chain": "com.mongodb.kafka.connect.sink.processor.DocumentIdAdder",
    "key.converter": "org.apache.kafka.connect.storage.StringConverter",
    "transforms": "customTransformer",
```

```
    "transforms.customTransformer.type":
 "co.lemnisk.kafka.connect.transforms.MongoSinkTransformer$Value"
        }
    },
sst-update.json: >
  { "name": "kafka-segdb-connect-sst", "config": {
    "connector.class": "com.mongodb.kafka.connect.MongoSinkConnector",
    "errors.log.include.messages": "true",
    "mongo.errors.log.enable": "true",
    "writemodel.strategy":
 "com.mongodb.kafka.connect.sink.writemodel.strategy.ReplaceOneBusinessKeyStrategy",
    "tasks.max": "12",
    "namespace.mapper.value.collection.field": "campaignId",
    "transforms": "customTransformer,tsConverter",
    "transforms.customTransformer.type":
 "co.lemnisk.kafka.connect.transforms.MongoSinkTransformer$Value",
    "transforms.tsConverter.type": "org.apache.kafka.connect.transforms.TimestampConverter$Value",
    "transforms.tsConverter.field": "expts",
    "transforms.tsConverter.target.type": "Date",
    "transforms.tsConverter.format": "yyyy-MM-dd",
    "errors.deadletterqueue.context.headers.enable": "true",
    "mongo.errors.tolerance": "all",
    "database": "segmentation",
    "document.id.strategy": "com.mongodb.kafka.connect.sink.processor.id.strategy.PartialValueStrategy",
    "namespace.mapper.error.if.invalid": "false",
    "document.id.strategy.partial.value.projection.type": "AllowList",
    "value.converter": "org.apache.kafka.connect.storage.StringConverter",
    "key.converter": "org.apache.kafka.connect.storage.StringConverter",
    "document.id.strategy.overwrite.existing": "true",
    "topics": "dmp_sst_profile",
    "collection": "profile",
    "namespace.mapper": "com.mongodb.kafka.connect.sink.namespace.mapping.FieldPathNamespaceMapper",
    "document.id.strategy.partial.value.projection.list": "key_type,key",
    "errors.deadletterqueue.topic.name": "mongo_profile_upsert_dlq",
    "connection.uri":
 "mongodb://segdbconnector:46WNWhr6qXgm2JRmTdlyA==@puapso1ahxcdmgodbs1001.hxcd.aws.hclsw.internal:51090,
puapso1bhxcdmgodbs1002.hxcd.aws.hclsw.internal:51090,puapso1ahxcdmgodbs1003.hxcd.aws.hclsw.internal:5109
0,puapso1bhxcdmgodbs1004.hxcd.aws.hclsw.internal:51090/?replicaSet=cdprsg&authSource=admin",
    "name": "kafka-segdb-connect-sst",
    "value.converter.schemas.enable": "false",
    "errors.tolerance": "all",
    "post.processor.chain": "com.mongodb.kafka.connect.sink.processor.DocumentIdAdder"
        }
    }
```

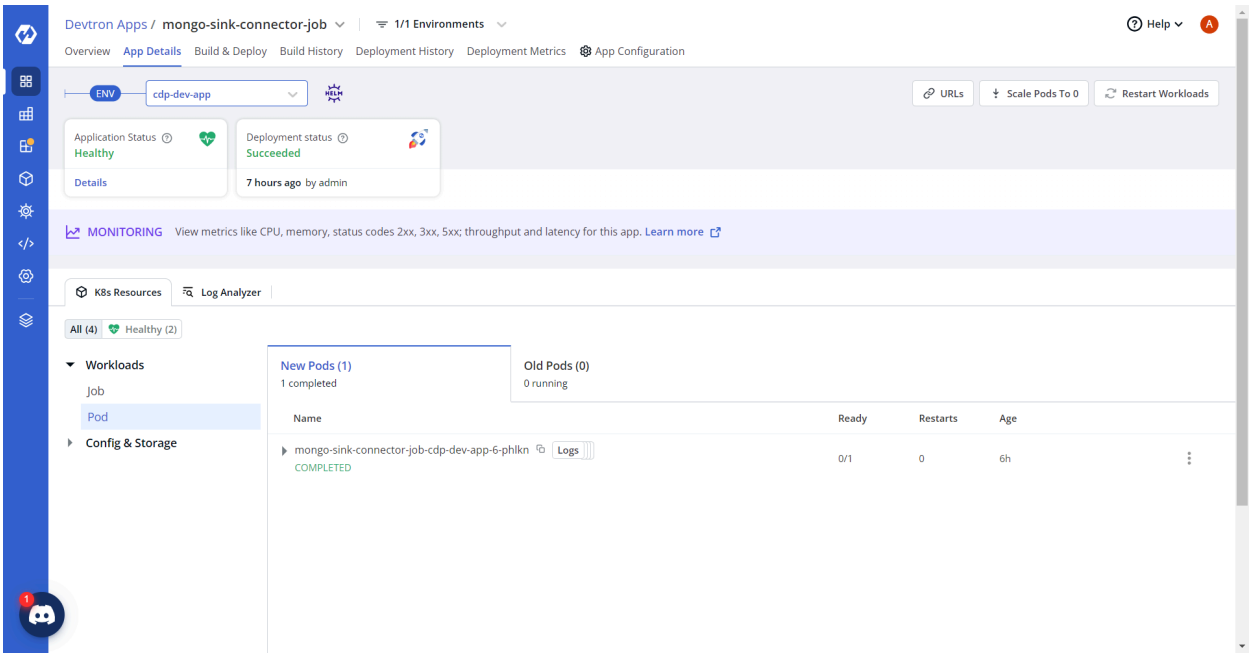


4. Save the configuration, navigate to the **Build & Deploy** tab, and run the execution.





5. On successful deployment, the Pod is in completed status as shown below.

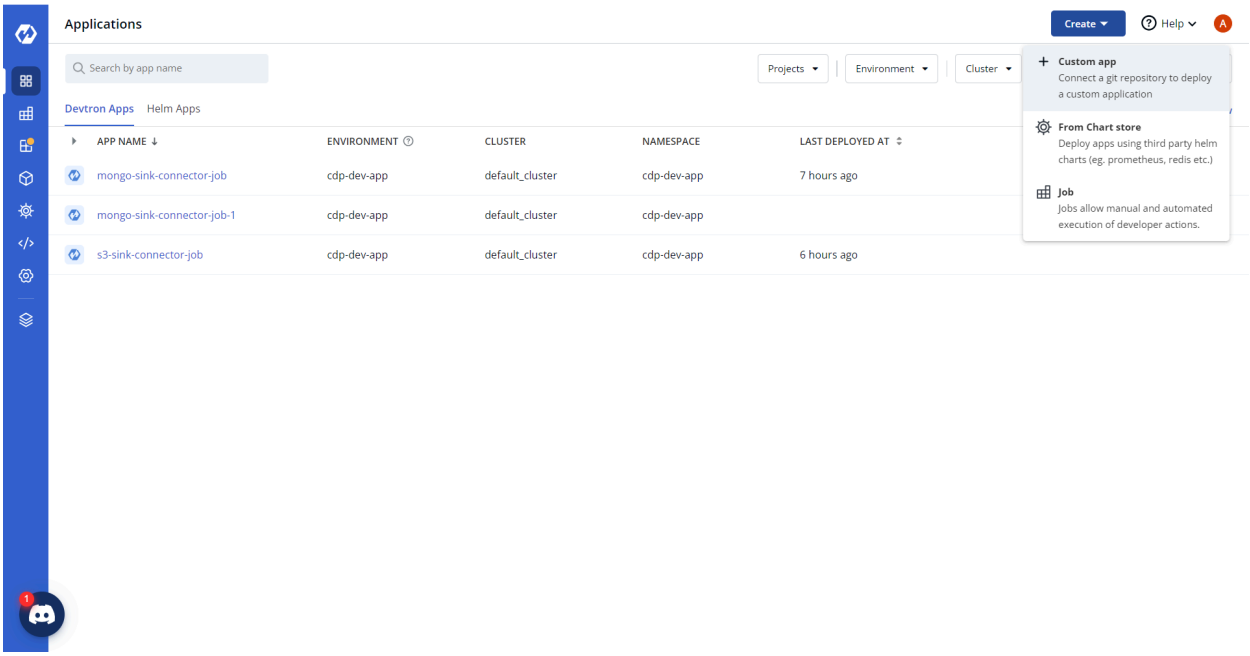


Deploying CDP S3 Connector Sink Job

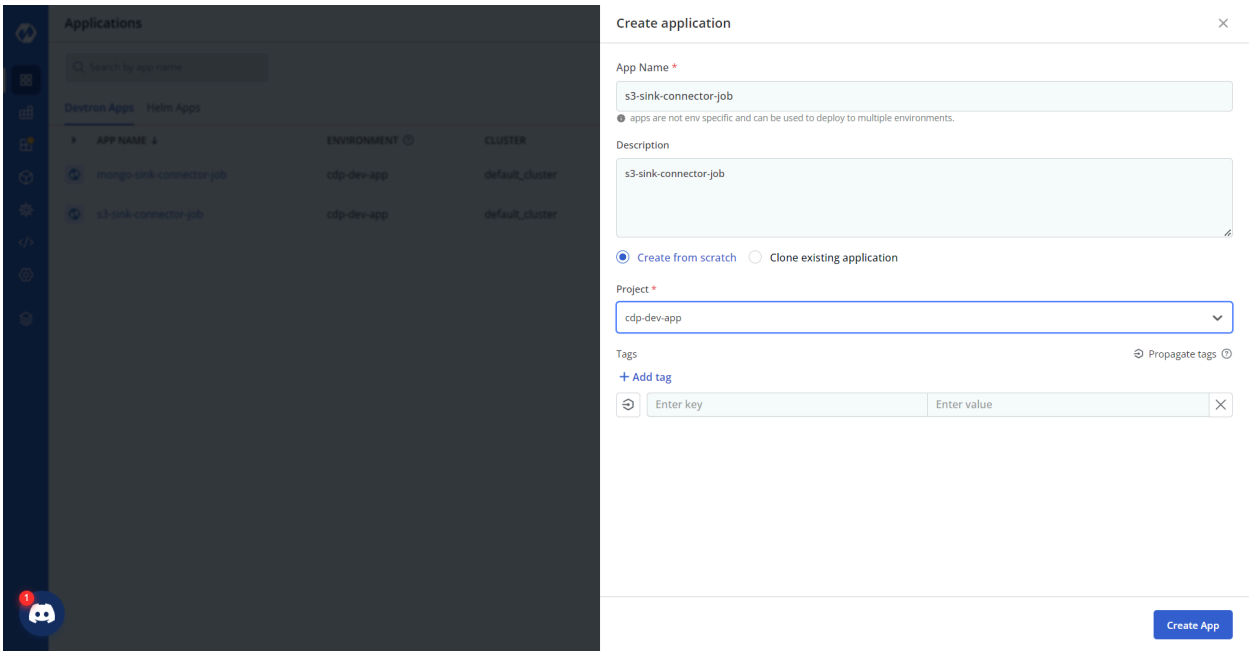
This section provides detailed instructions on how to deploy HCL CDP S3 Connector Sink Job using the Devtron in the OpenShift.

Creating custom app

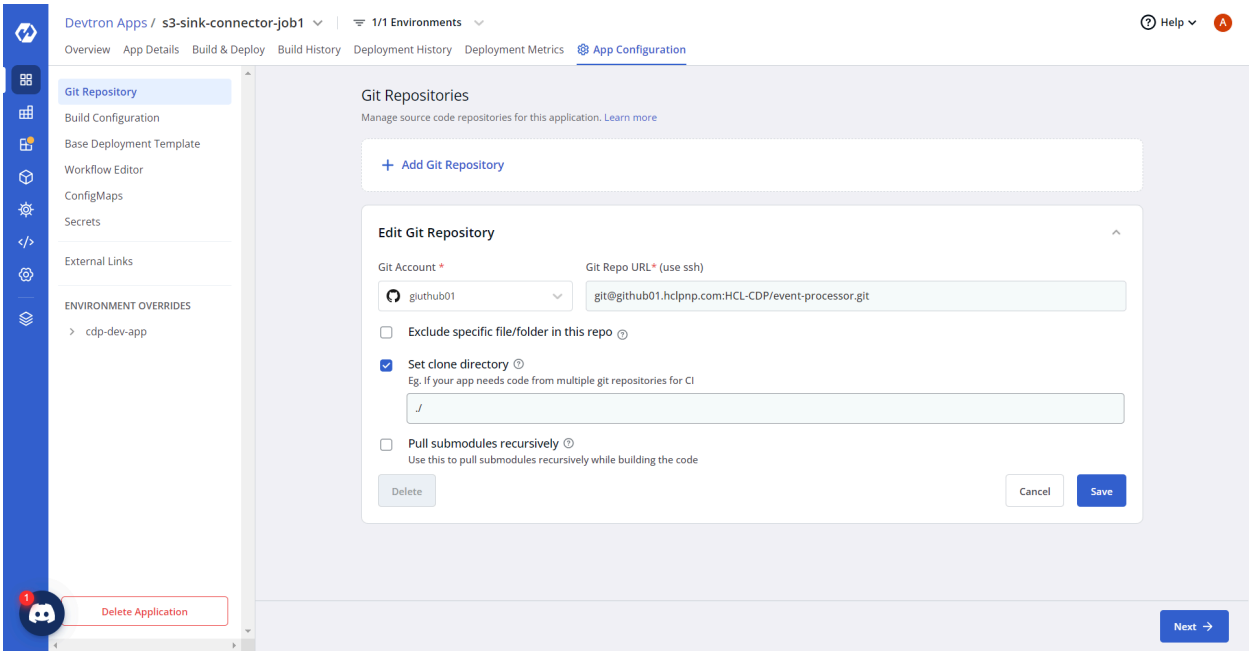
1. In the devtron console, select Applications, and click **Create** > **Custom app**.



2. In the **Create Application** section, enter application name as "s3-sink-connector-job" and select a project to store the application.



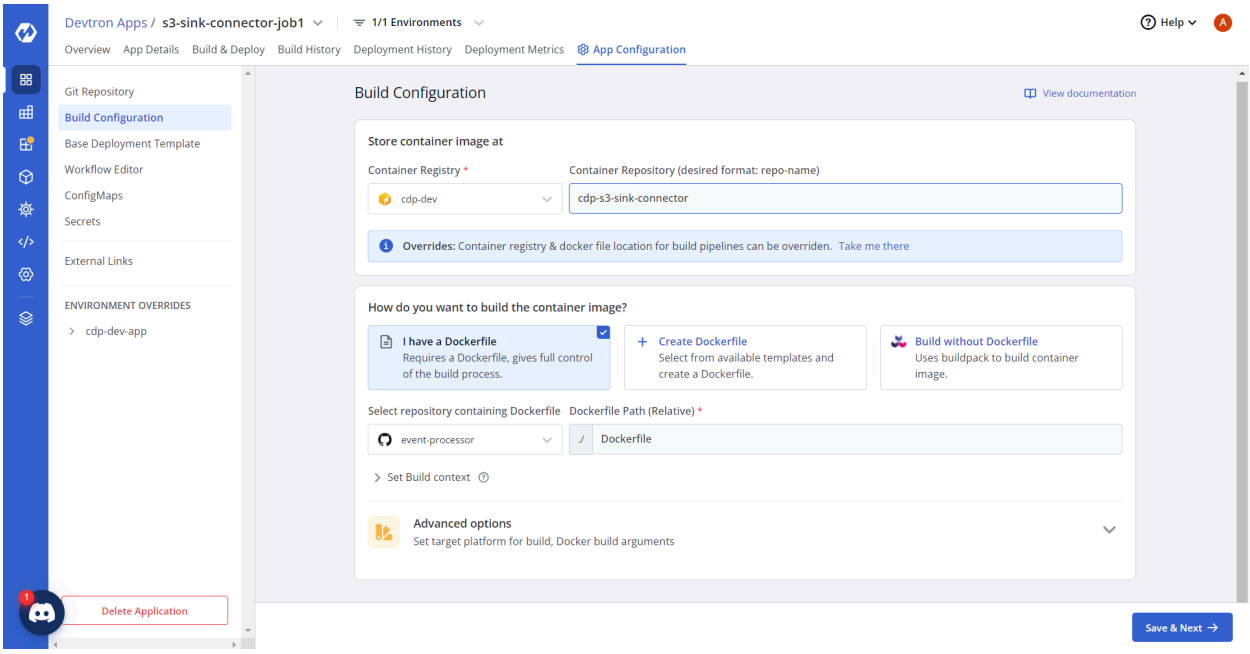
3. Click **Create App** to create the application. Now, click **App Configuration** tab, and update source code repositories for the application.



Building custom app

After successfully creating the custom app, build the custom app with docker image, and configure a workflow for the custom app.

1. In the Devtron Apps page, click **Build Configurations**. In the **App Configuration** tab, select **I have a Dockerfile** option and update the dockerfile path.



2. Click **Save & Next**, and in the **Base Deployment Template** section, update chart type and Mongo Connector Sink URLs in the base deployment template as shown below.

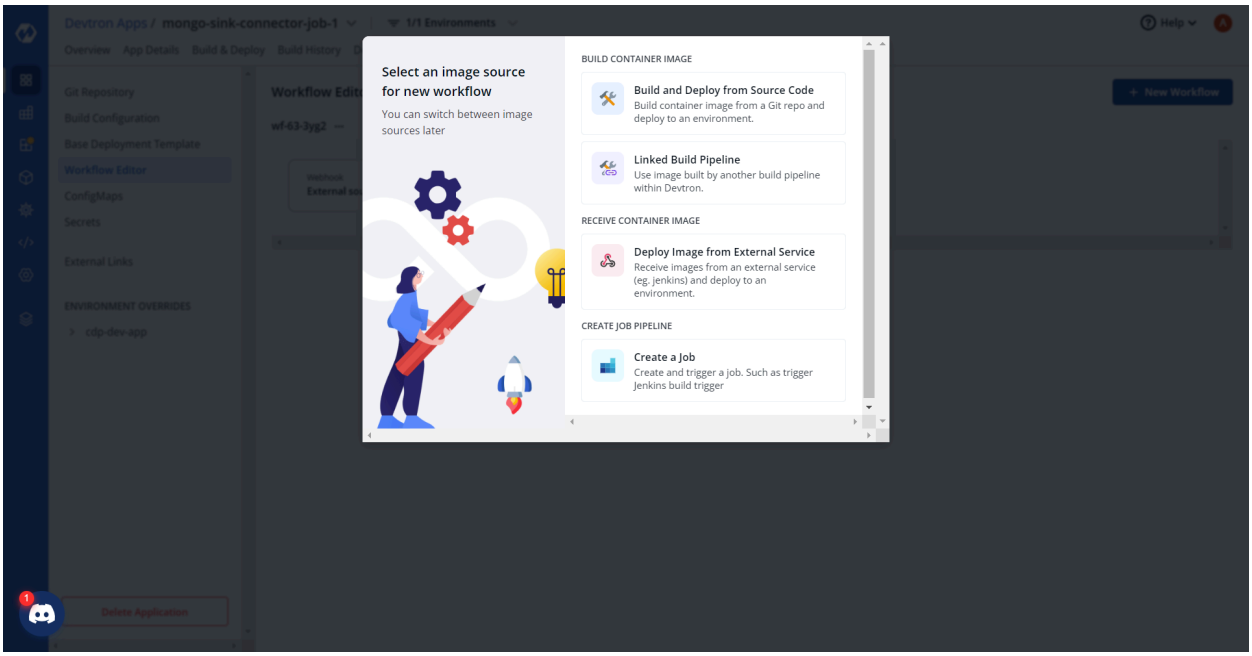
Deployment Template

```
ContainerPort:
  - envoyPort: 8799
    idleTimeout: 1800s
    name: app
    port: 8080
    servicePort: 80
    supportStreaming: true
    useHTTP2: true
EnvVariables: []
GracePeriod: 30
MaxSurge: 1
MaxUnavailable: 0
MinReadySeconds: 60
Spec:
  Affinity:
    Key: null
    Values: nodes
    key: ""
args:
  enabled: true
  value:
    - /bin/sh
    - -c
    - >
      until $(curl --output /dev/null --silent --head --fail
      http://cdp-s3-sink-connector-service.cdp-dev-app.svc.cluster.local:80); do
```

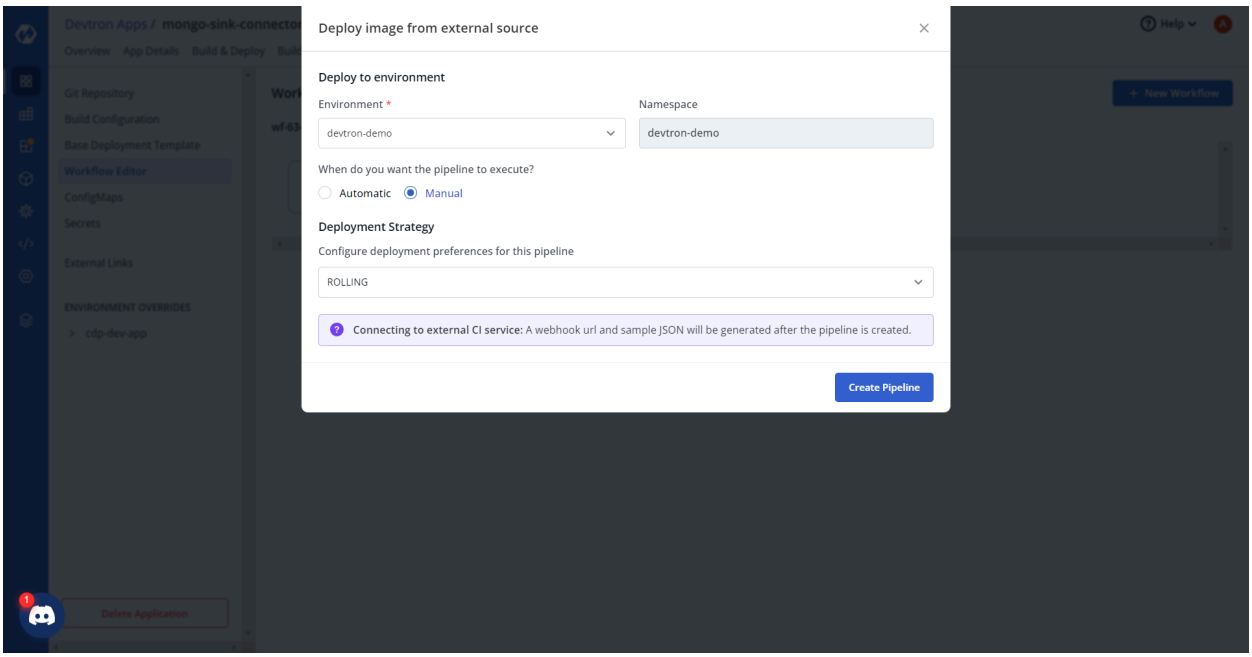
```
        echo "Waiting for Kafka Connect API..."
        sleep 5
      done
      echo "Posting Kafka Connect configuration..."
      curl -X POST -H "Content-Type: application/json" --data @/data/${APP_NAME}
 http://cdp-s3-sink-connector-service.cdp-dev-app.svc.cluster.local:80/connectors
command:
  enabled: false
  value: []
containerSecurityContext:
  allowPrivilegeEscalation: false
containers: []
cronjobConfigs:
  concurrencyPolicy: Allow
  failedJobsHistoryLimit: 1
  restartPolicy: OnFailure
  schedule: "* * * * *"
  startingDeadlineSeconds: 100
  successfulJobsHistoryLimit: 3
  suspend: false
ephemeralContainers: []
image:
  pullPolicy: IfNotPresent
imagePullSecrets: []
initContainers: []
jobConfigs:
  activeDeadlineSeconds: 100
  backoffLimit: 5
  completions: 1
  parallelism: 1
  suspend: false
kedaAutoscaling:
  envSourceContainerName: ""
  failedJobsHistoryLimit: 5
  maxReplicaCount: 2
  minReplicaCount: 1
  pollingInterval: 30
  rolloutStrategy: default
  scalingStrategy:
    customScalingQueueLengthDeduction: 1
    customScalingRunningJobPercentage: "0.5"
    multipleScalersCalculation: max
    pendingPodConditions:
      - Ready
      - PodScheduled
      - AnyOtherCustomPodCondition
    strategy: custom
  successfulJobsHistoryLimit: 5
  triggerAuthentication:
    enabled: false
    name: ""
    spec: {}
  triggers:
    - authenticationRef: {}
      metadata:
        host: RabbitMqHost
        queueLength: "5"
        queueName: hello
```

```
      type: rabbitmq
kind: Job
pauseForSecondsBeforeSwitchActive: 30
podAnnotations: {}
podLabels: {}
podSecurityContext: {}
prometheus:
  release: monitoring
rawYaml: []
readinessGates: []
resources:
  limits:
    cpu: "0.05"
    memory: 50Mi
  requests:
    cpu: "0.01"
    memory: 10Mi
secret:
  data: {}
  enabled: false
server:
  deployment:
    image: ""
    image_tag: 1-95af053
service:
  annotations: {}
  enabled: false
  type: ClusterIP
servicemonitor:
  additionalLabels: {}
setHostnameAsFQDN: false
shareProcessNamespace: false
tolerations: []
topologySpreadConstraints: []
volumeMounts: []
volumes: []
waitForSecondsBeforeScalingDown: 30
```

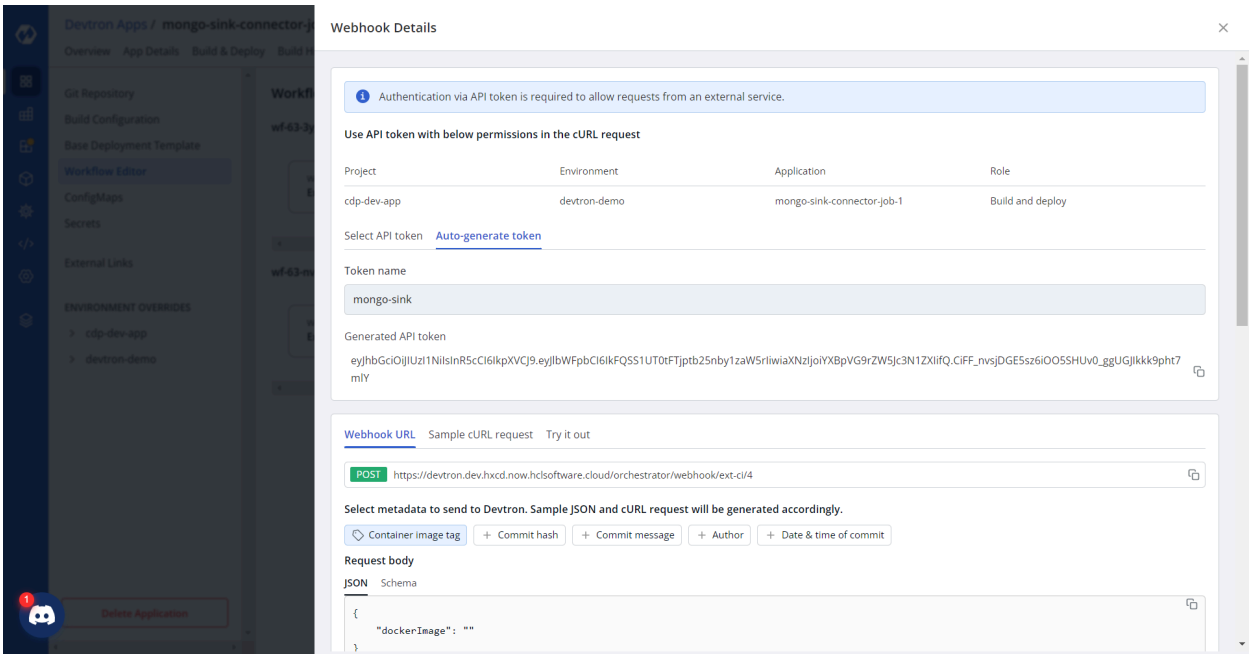
3. Click **Save & Next**. In the Workflow Editor section, add new workflow, and select the **Deploy Image from External Source** option.



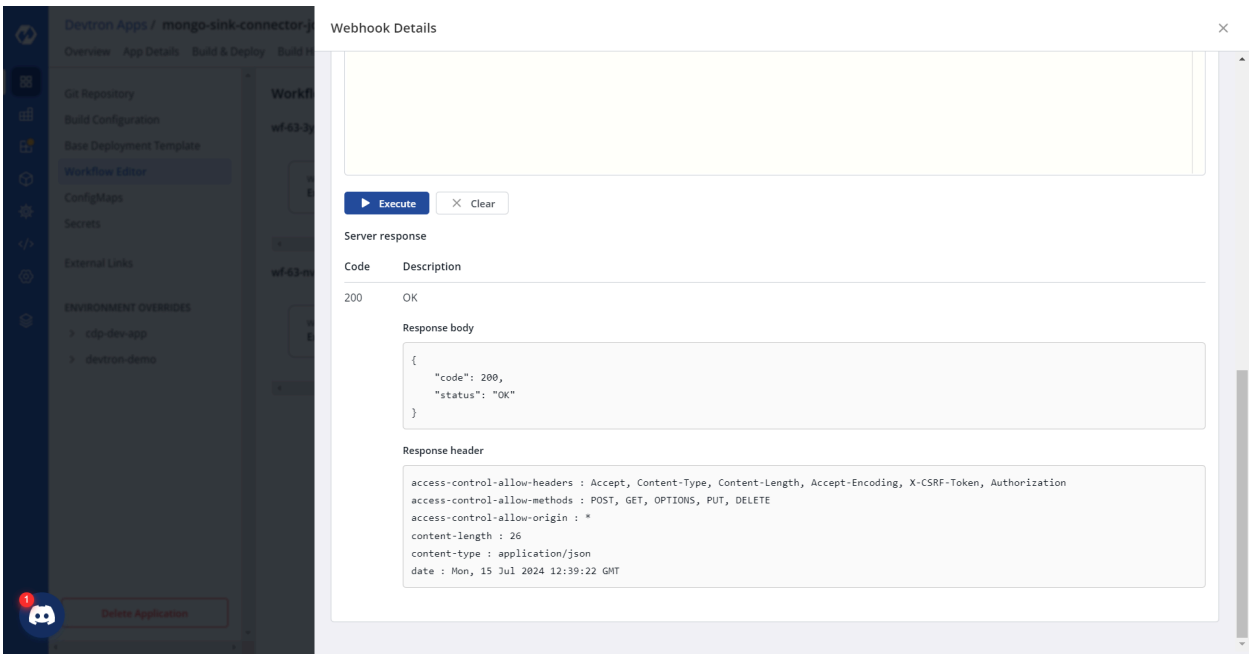
4. Configure required parameters, and click **Create pipeline** at the right bottom corner of the Deploy image from external source section.



5. In the Workflow Editor, click **Edit Workflow**, and in the **Webhook Details** section, click the **Auto Generate Token** tab, and copy the token details.

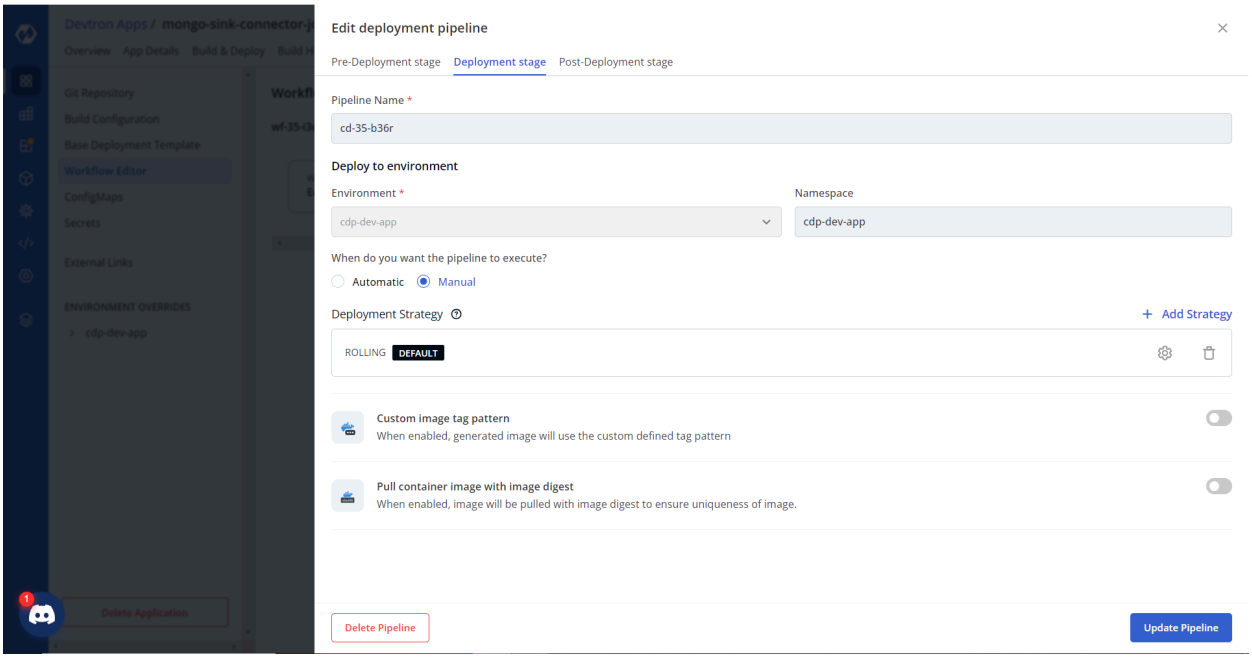


6. Now, click **Try it out** tab below the Auto-generate token section, and update api-token and dockerImage details.
7. Click **Execute**, and on successful execution, check the server response.

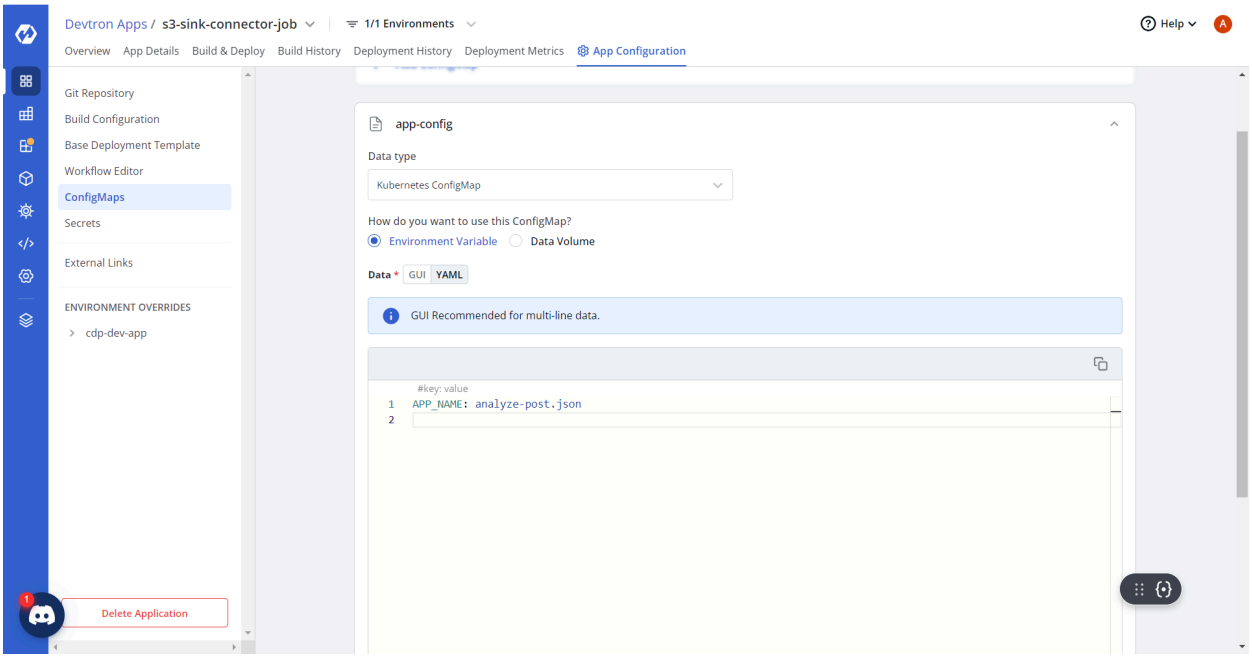


Configuring and deploying custom app

1. Click Edit deployment pipeline, check the deployment stage of the workflow and click **Update Pipeline**.



2. In the **ConfigMaps** section, under the **App Configuration** tab, update the app-config as shown below.



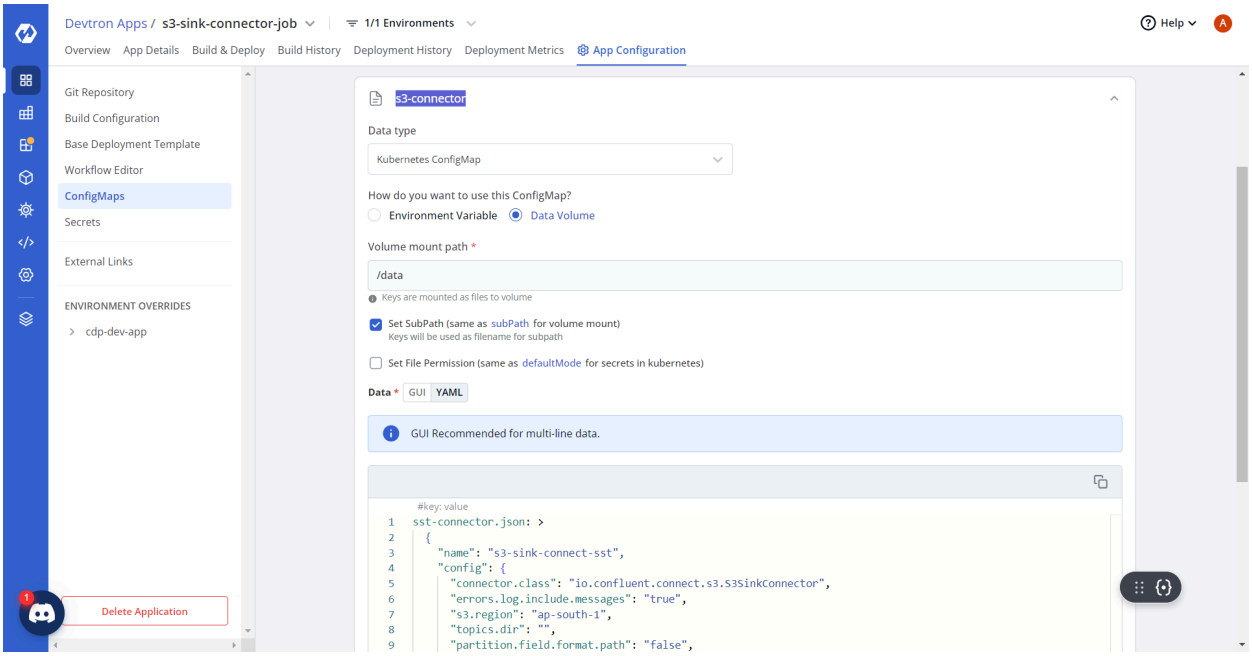
3. Similarly, update the ConfigMaps for sst-connector as shown below.

```
sst-connector.json: >
  {
    "name": "s3-sink-connect-sst",
```

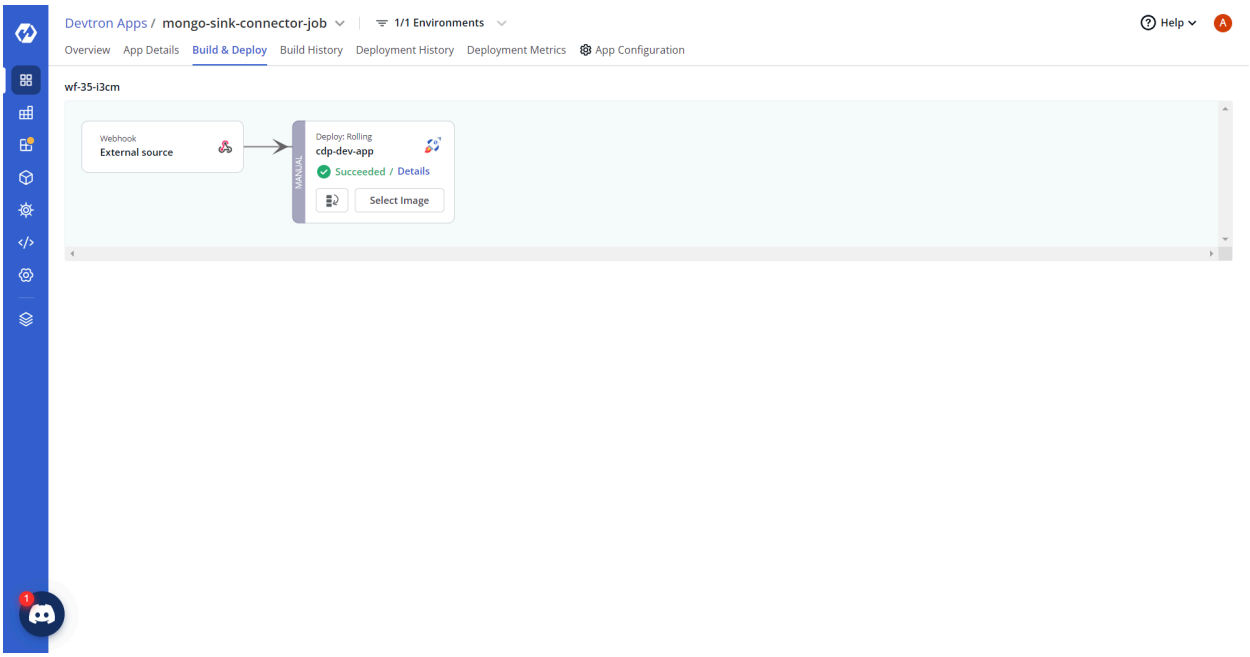
```
    "config": {
      "connector.class": "io.confluent.connect.s3.S3SinkConnector",
      "errors.log.include.messages": "true",
      "s3.region": "ap-south-1",
      "topics.dir": "",
      "partition.field.format.path": "false",
      "flush.size": "10000",
      "tasks.max": "6",
      "s3.part.size": "5242880",
      "timezone": "UTC",
      "transforms": "GenericTransformer",
      "rotate.interval.ms": "-1",
      "locale": "US",
      "errors.deadletterqueue.context.headers.enable": "true",
      "format.class": "io.confluent.connect.s3.format.bytearray.ByteArrayFormat",
      "transforms.GenericTransformer.type":
 "co.lemnisk.kafka.connect.transforms.GenericTransformer$Value",
      "aws.access.key.id": "",
      "errors.deadletterqueue.topic.replication.factor": "2",
      "value.converter": "org.apache.kafka.connect.json.JsonConverter",
      "errors.log.enable": "true",
      "s3.bucket.name": "hclsw-hxcd-hss-prd-s3-cdp-app",
      "key.converter": "org.apache.kafka.connect.storage.StringConverter",
      "partition.duration.ms": "300000",

 "topics":"sst_blacklistProfile,sst_mergeProfile,sst_outboundEvents,sst_inboundEvents,sst_failedEvents,s
st_blacklist,sst_deletedOid,sst_profile","directory.delim":"/","aws.secret.access.key":"","transforms.Ge
nericTransformer.meta":"[{\"topic\":\"sst_blacklistProfile\",\"tsCol\":\"ts\",\"dataFormat\":
\"json\"},{\"topic\":\"sst_mergeProfile\",\"tsCol\":\"ts\",\"dataFormat\":\"json\"},{\"topic\":
\"sst_outboundEvents\",\"tsCol\":\"ts\",\"dataFormat\":\"json\"},{\"topic\":\"sst_inboundEvents\",
\"tsCol\":\"ts\",\"dataFormat\":\"json\"},{\"topic\":\"sst_failedEvents\",\"tsCol\":\"ts\",
\"dataFormat\":\"json\"},{\"topic\":\"sst_blacklist\",\"tsCol\":\"4\",\"dataFormat\":
\"tsv\"},{\"topic\":\"sst_deletedOid\",\"tsCol\":\"5\",\"dataFormat\":\"tsv\"},{\"topic\":
\"sst_profile\",\"tsCol\":\"ts\",\"dataFormat\":\"json\"}]",
      "partition.field.name": "p1,p2",
      "s3.compression.type": "gzip",
      "errors.deadletterqueue.topic.name": "dlq_sst",
      "partitioner.class": "co.lemnisk.kafka.connect.partitioner.GenericPartitioner",
      "value.converter.schemas.enable": "false",
      "name": "s3-sink-connect-sst",
      "errors.tolerance": "all",
      "storage.class": "io.confluent.connect.s3.storage.S3Storage",
      "rotate.schedule.interval.ms": "900000",
      "path.format": "YYYY/MM/dd",
      "timestamp.extractor": "Record"
    }
    },
diapi-connector.json: >
  {
    "name": "s3-sink-connect-diapi",
    "config": {
      "connector.class": "io.confluent.connect.s3.S3SinkConnector",
      "errors.log.include.messages": "true",
      "s3.region": "ap-south-1",
      "topics.dir": "",
      "partition.field.format.path": "false",
      "flush.size": "10000",
      "tasks.max": "6",
```

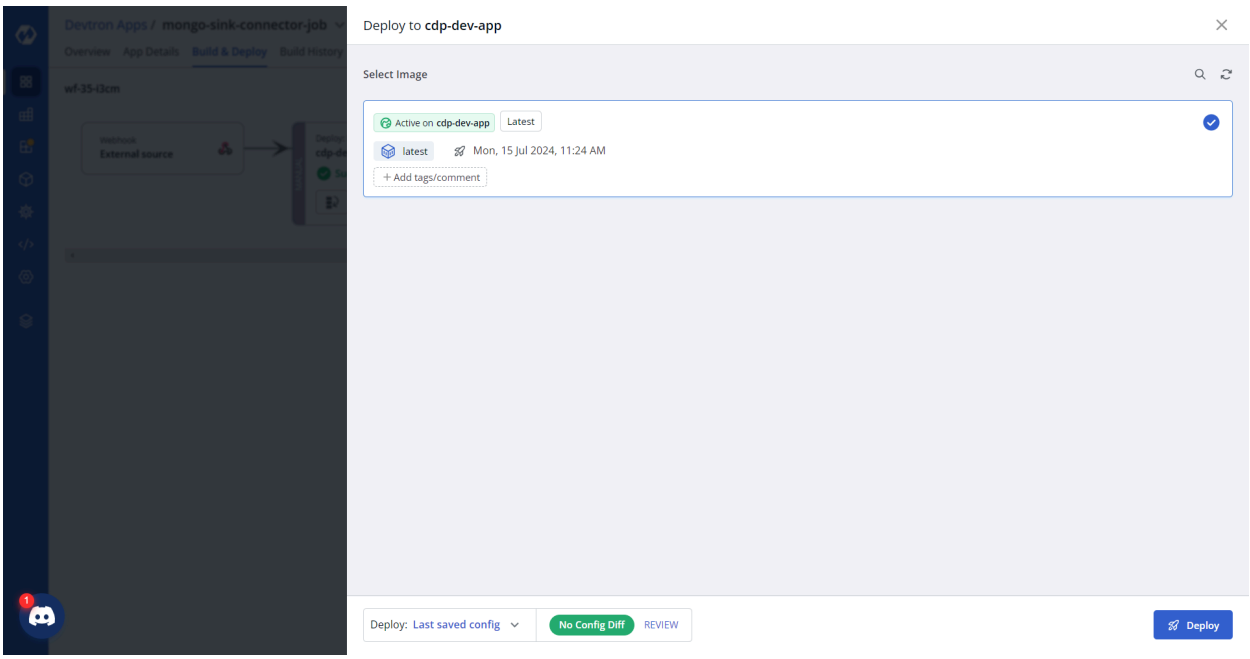
```
      "s3.part.size": "5242880",
      "timezone": "UTC",
      "transforms": "GenericTransformer",
      "rotate.interval.ms": "-1",
      "locale": "US",
      "errors.deadletterqueue.context.headers.enable": "true",
      "format.class": "io.confluent.connect.s3.format.bytearray.ByteArrayFormat",
      "transforms.GenericTransformer.type":
 "co.lemnisk.kafka.connect.transforms.GenericTransformer$Value",
      "aws.access.key.id": "",
      "errors.deadletterqueue.topic.replication.factor": "2",
      "value.converter": "org.apache.kafka.connect.json.JsonConverter",
      "errors.log.enable": "true",
      "s3.bucket.name": "hclsw-hxcd-hss-prd-s3-cdp-app",
      "key.converter": "org.apache.kafka.connect.storage.StringConverter",
      "partition.duration.ms": "300000",
      "topics": "diapi_outbound",
      "directory.delim": "/",
      "aws.secret.access.key": "",
      "transforms.GenericTransformer.meta":
 "[{\"topic\":\"diapi_outbound\",\"tsFormat\":\"yyyy-MM-dd'T'HH:mm:ss\",\"tsCol\":\"ts\",\"dataFormat\":
\"json\",\"inputTz\":\"UTC\",\"outputTz\":\"Asia/Kolkata\"}]",
      "partition.field.name": "eventType,campaignId",
      "s3.compression.type": "gzip",
      "errors.deadletterqueue.topic.name": "dlq_diapi",
      "partitioner.class": "co.lemnisk.kafka.connect.partitioner.GenericPartitioner",
      "value.converter.schemas.enable": "false",
      "name": "s3-sink-connect-diapi",
      "errors.tolerance": "all",
      "storage.class": "io.confluent.connect.s3.storage.S3Storage",
      "rotate.schedule.interval.ms": "900000",
      "path.format": "YYYY/MM/dd",
      "timestamp.extractor": "Record"
    }
    },
analyze-post.json: >
  { "name": "s3-sink-connect-analyze_post", "config": {
      "connector.class": "io.confluent.connect.s3.S3SinkConnector",
      "errors.log.include.messages": "true",
      "s3.region": "ap-south-1",
      "topics.dir": "",
      "partition.field.format.path": "false",
      "flush.size": "10000",
      "tasks.max": "6",
      "s3.part.size": "5242880",
      "timezone": "UTC",
      "transforms": "GenericTransformer",
      "rotate.interval.ms": "-1",
      "locale": "US",
      "errors.deadletterqueue.context.headers.enable": "true",
      "format.class": "io.confluent.connect.s3.format.bytearray.ByteArrayFormat",
      "transforms.GenericTransformer.type":
 "co.lemnisk.kafka.connect.transforms.GenericTransformer$Value",
      "aws.access.key.id": "",
      "errors.deadletterqueue.topic.replication.factor": "2",
      "value.converter": "org.apache.kafka.connect.storage.StringConverter",
      "errors.log.enable": "true",
      "s3.bucket.name": "hclsw-hxcd-hss-prd-s3-cdp-app",
```

```
      "key.converter": "org.apache.kafka.connect.storage.StringConverter",
      "partition.duration.ms": "300000",
      "topics": "analyze_post",
      "directory.delim": "/",
      "aws.secret.access.key": "",
      "transforms.GenericTransformer.meta":
 "[{\"topic\":\"analyze_post\",\"tsFormat\":\"yyyy-MM-dd'T'HH:mm:ss\",\"dataFormat\":\"json\",
\"inputFormat\":\"tsv\",\"dataCol\":3,\"partitionerKeys\":\"AnalyzePost,{{campaignId}}\",\"tsCol\":
\"receivedAt\",\"inputTz\":\"UTC\",\"outputTz\":\"Asia/Kolkata\"}]",
      "s3.compression.type": "gzip",
      "errors.deadletterqueue.topic.name": "dlq_analyze_post",
      "partitioner.class": "co.lemnisk.kafka.connect.partitioner.GenericPartitioner",
      "value.converter.schemas.enable": "false",
      "name": "s3-sink-connect-analyze_post",
      "errors.tolerance": "all",
      "storage.class": "io.confluent.connect.s3.storage.S3Storage",
      "rotate.schedule.interval.ms": "900000",
      "path.format": "YYYY/MM/dd",
      "timestamp.extractor": "Record"
  } }
```



4. Save the configuration, navigate to the **Build & Deploy** tab, and run the execution.


Devtron Apps / mongo-sink-connector-job
1/1 Environments
Help
Overview
App Details
Build & Deploy
Build History
Deployment History
Deployment Metrics
App Configuration
wf-35-i3cm
Webhook
External source
Deploy: Rolling
cdp-dev-app
Succeeded / Details
Select Image
MANUAL


Deploy to cdp-dev-app
Select Image
Active on cdp-dev-app
Latest
latest
Mon, 15 Jul 2024, 11:24 AM
+ Add tags/comment
Deploy: Last saved config
No Config Diff
REVIEW
Deploy

5. On successful deployment, the Pod is in completed status as shown below.