

HCLSoftware

HCL IntelliOps Event Management

IEM User Guide
Version 1.1



The data contained in this document shall not be duplicated, used, or disclosed as a whole or in part for any purpose. If a contract is awarded to chosen parties because of or in connection with the submission of this data, the client or prospective client shall have the right to duplicate, use, or disclose this data to the extent provided in the contract. This restriction does not limit the client's or prospective client's right to use the information contained in the data if it is obtained from another source without restriction. The data subject to this restriction is contained in all marked sheets.

HCL has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the HCL website at www.hcltechsw.com.

Copyright © 2025 HCL Technologies Limited.

Table of Contents

1	Preface	10
1.1	Intended Audience	10
1.2	About This Guide	10
1.3	Related Documents	10
1.4	Conventions.....	10
2	Introduction	12
2.1	Overview of IEM	12
2.2	Key Features	12
3	IEM Interface	14
3.1	Login to HCL IEM	14
3.1.1	Summary.....	15
3.1.2	Service View	16
3.1.3	Topology View	16
3.2	Data View	17
3.2.1	Events.....	17
3.2.2	Alerts	23
3.2.3	Download CSV	30
3.2.4	Actionable.....	31
3.2.5	All Events View	49
3.2.6	Noise Events View	54
3.2.7	Metrics	60
3.3	Customer	67
3.3.1	Edit Customer	67
3.3.2	View Customer	67
3.3.3	Noise Maintenance	68
4	Support	72

Table of Figures

Figure 1 - Login.....	14
Figure 2 - Home Page.....	15
Figure 3 - Summary	16
Figure 4 - Service Overview	16
Figure 5 - Topology View	17
Figure 6 - View Events	18
Figure 7 - Add Column	18
Figure 8 - Save View	19
Figure 9 - Login	19
Figure 10 - Listing Page of Events	20
Figure 11 - Save as Events	20
Figure 12 - Selects Alerts View Dropdown	21
Figure 13 - Refresh View Data Events	21
Figure 14 - Live Events Data	22
Figure 15 - More Filter Operation.....	22
Figure 16 - More Filter Operation (Cont.)	23
Figure 17 - More Filter Operation (Cont.).....	23
Figure 18 - Alerts View	24
Figure 19 - Save Alerts.....	25
Figure 20 - Save As Alerts	26
Figure 21 - Select Alerts View Dropdown	26
Figure 22 - Add Column	27
Figure 23 - Alerts Related Events.....	27
Figure 24 - Confirmation Message.....	28
Figure 25 - Live Alerts Data.....	28
Figure 26 - Clear Alerts	29
Figure 27 - Apply Filters	29
Figure 28 - More Filter Operation	30
Figure 29 - More Filter Operation	30

Figure 30 – Download CSV for Alerts.....	31
Figure 31 – Actionable View.....	32
Figure 32 – Add Column	32
Figure 33 – Related Changes	33
Figure 34 – Related Problems.....	33
Figure 35 – Chat Bot.....	34
Figure 36 – Invite User	34
Figure 37 – Add Comments to Actionable.....	35
Figure 38 – Activities	36
Figure 39 – Similar Actionable	36
Figure 40 – Service Hierarchy	37
Figure 41 – Timelines.....	38
Figure 42 – To Change Severity of Actionable.....	38
Figure 43 – To Change Status for Actionable	39
Figure 44 – Assign Actionable to Another User.....	40
Figure 45 – Save Actionable.....	40
Figure 46 – Save Actionable.....	41
Figure 47 – Save As Actionable	41
Figure 48 – Refresh time for Actionable	42
Figure 49 – Live Actionable Data.....	43
Figure 50 – Actionable Related Alerts	43
Figure 51 – Topology	44
Figure 52 – Update Ticket.....	44
Figure 53 – Alert Message of Update Ticket.....	45
Figure 54 – Update Work Notes	45
Figure 55 – Alert Message of Update work Notes.....	46
Figure 56 – Create Ticket	46
Figure 57 – Create Ticket Confirmation	47
Figure 58 – Download CSV for Actionable	47
Figure 59 –Filter Operation.....	48

Figure 60 – More Filter Operation.....	48
Figure 61 – More Filter Operation	49
Figure 62 – Add Column.....	50
Figure 63 – Save All Events	51
Figure 64 – All Events Message	51
Figure 65 – Save as Events	52
Figure 66 – Refresh All Events	52
Figure 67 – Filter Operation	53
Figure 68 – Filter Operation.....	53
Figure 69 – Filter Operation.....	54
Figure 70 – Download CSV foe All Events.....	54
Figure 71 – Noise Events View	55
Figure 72 – Add Column.....	55
Figure 73 – Save Noise Events	56
Figure 74 – Save Noise Events.....	56
Figure 75 – Save as Events	57
Figure 76 – Refresh Noise Events	57
Figure 77 – Live Events Data	58
Figure 78 – Filter Operation	58
Figure 79 – Filter Operation	59
Figure 80 – Filter Operations (Cont.)	59
Figure 81 – Download CSV Noise Events.....	60
Figure 82 – Metrices.....	60
Figure 83 – Save Metrices.....	62
Figure 84 – Save Metrices Message	62
Figure 85 – Save as Metrices	63
Figure 86 – Save as Metrices (Cont.)	63
Figure 87 – Refresh Metrices.....	64
Figure 88 – Live Metrices Data	64
Figure 89 – Filter Operations.....	65

Figure 90 – Filter Operations (Cont.).....	65
Figure 91 – Filter Operations (Cont.)	66
Figure 92 – Download CSV for Metrics Data	66
Figure 93 – Edit Customer	67
Figure 94 – View Customer.....	67
Figure 95 – Noise Maintenance	68
Figure 96 – Creating Noise Rule	69
Figure 97 – Updating Noise Rule	69
Figure 98 – Bulk Delete Noise Rule	70
Figure 99 – Noise Maintenance – Apply Filter.....	70
Figure 100 – Filter Operation	71
Figure 101 – Noise Maintenance Apply Filter	71

List of Tables

Table 1 – Conventions 11

Document Revision History

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

This table provides the revision history of this User Guide.

Version Date	Description
January, 2024	HCL IEM User Guide_V1.0
January, 2025	HCL_IEM_User Guide_V1.1

1 Preface

This section provides information about the HCL IntelliOps Event Management (IEM) User Guide that includes the following topics.

- [Intended Audience](#)
- [About This Guide](#)
- [Related Documents](#)
- [Conventions](#)

1.1 Intended Audience

This guide is intended for HCL IEM end-users like Command Centre, DC Ops teams etc. working towards the resolution of actionable issues detected by HCL IEM by correlating alerts.

1.2 About This Guide

This guide will introduce users to the key concepts of HCL IEM and provide instructions on how they can use this product to its full potential. It will provide an overview of the end-user interface and contains instructions on how to perform different tasks.

This document includes the following topics:

- [HCL IEM Overview](#)
- [System Requirements](#)
- [Using HCL IEM](#)
- [Support](#)

1.3 Related Documents

The following documents can be referenced in addition to this guide for further information on the HCL IEM platform.

- Introduction to HCL IEM User Guide

1.4 Conventions

The following typographic conventions are used in this document:

Table 1 – Conventions

Convention	Element
Boldface	Indicates graphical user interface elements associated with an action, or terms defined in text or the glossary
<u>Underlined blue</u>	Indicates a cross-reference and links
Courier New (Font)	Indicates commands within a paragraph, URLs, code in examples, and paths including on screen text and text input from users
<i>Italic</i>	Indicates document titles, occasional emphasis, or glossary terms
Numbered lists	Indicates steps in a procedure to be followed in a sequence
Bulleted lists	Indicates a list of items that is not necessarily meant to be followed in a sequence

2 Introduction

This user guide is intended for HCL IEM end-users like Command Centre, DC Ops teams etc. that are working towards the resolution of actionable issues detected by HCL IEM by correlating alerts.

2.1 Overview of IEM

HCL IntelliOps Event Management is an AI-powered IT event management platform on the cloud that transforms IT operations by incorporating AIOps capabilities into the system. Its machine learning-based advanced features, such as topology correlation, anomaly detection, and noise reduction, not only help reduce Mean Time to Detect (MTTD) and Mean Time to Recover (MTTR) of incidents but also proactively detect potential issues, prevent outages, and ensure service continuity for businesses.

This intelligent platform provides integrations with various monitoring tools and custom code within an ecosystem to ingest a vast volume of heterogeneous data in the form of events, metrics, performance, and configuration information. Its client-side component – IEM-(IMM) Integration Management Module collects raw events from various monitoring systems and send it to IEM, it also offers a unique feature of continuous service delivery in the case of connectivity loss with IEM Cloud, minimizing the impact of outages on IT operations.

IEM also fosters efficient collaboration across teams, ultimately improving system performance and agility. Its integration with ITSM tools packages industry is the best practices, significantly reducing duplicate incidents and enhancing the Root Cause Analysis process by automatically correlating incidents with Change Management.

2.2 Key Features

- **Early Anomaly Detection:** Utilizes metrics for early identification of true anomalies in the lifecycle. Metric anomaly system is available to identify anomalous metric point for outlier detection based on metric data being ingested.
- **Topology Based Alert Correlation:** OOB correlation rules available for Correlation of alerts based on relationships between entities defined in the system.
- **Temporal-Based Alert Correlation:** Leverages a robust correlation engine and condition-based correlation for automatic grouping and mapping of alerts with an efficient Feedback System to avoid irrelevant alert to actionable grouping.
- **OOB NiFi Connector Management via IMM (Integration Management Module) Portal:** Topology, Entity and Service data ingestion via NiFi in real-time.
- **Automated Noise Reduction:** Filters out irrelevant data to reduce noise and focus on meaningful events. There is Noise Rule Configuration with maintenance windows support.
- **Related Problems and Changes view of Actionable for Effective Diagnosis:** Helps in addressing impact assessment for continuous improvement and prioritize actionable based on their potential impact.

- **Real-Time Interactive Visualization:** Provides user-friendly dashboards for real-time interaction with Metric View, Service View, and Topology View. A timeline view is also available for events, alerts, and Actionable.
- **Quick User's Collaboration:** Enables quick chat and collaboration with the team for efficient communication thereby reducing MTTR along with automated notifications to operators for assigned actionable.
- **Cost Saving View:** Significantly benefits by optimizing resources, improving operational efficiency, and reducing unnecessary expenditures on actionable resolution and reviving the degraded services.

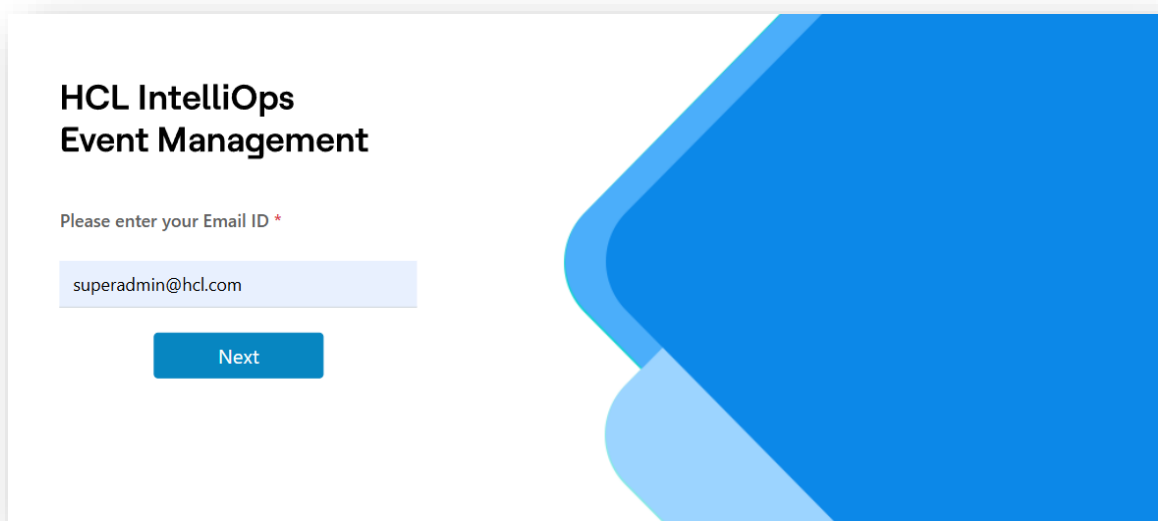
3 IEM Interface

The interface presents unified views like Metric View, Topology View and Service View to facilitate Event Management helping IT Professionals understand the relationships between different entities and services to make informed decisions to manage and troubleshoot complex IT environments more efficiently.

3.1 Login to HCL IEM

HCL IEM can be accessed web browser, with the sole exception of Internet Explorer. After the user receives their login credentials, they should perform the following steps to log into HCL IEM:

1. Launch web browser (Chrome, Mozilla, or Edge) and use the HCL IEM Portal URL.
2. On the HCL IEM **Login** page, type your email ID registered with HCL IEM in the **Email** field and password in password field.



**HCL IntelliOps
Event Management**

Please enter your Email ID *

superadmin@hcl.com

Next

Figure 1 – Login

3. Post successful authentication, the user logs into the HCL IEM portal on home page.

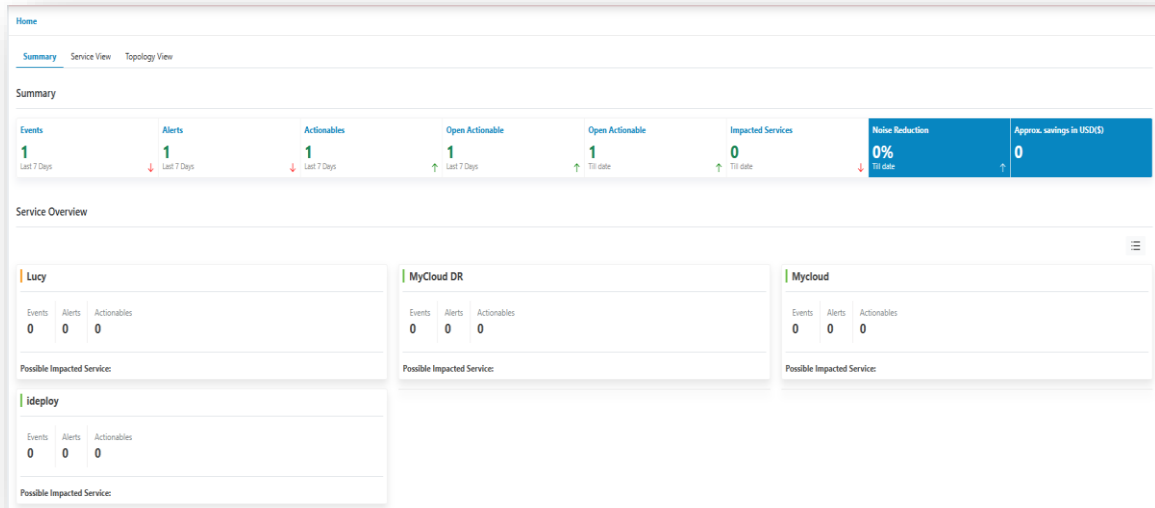


Figure 2 – Home Page

The user interface is comprised of three views:

- Home
- Data View
- Customer

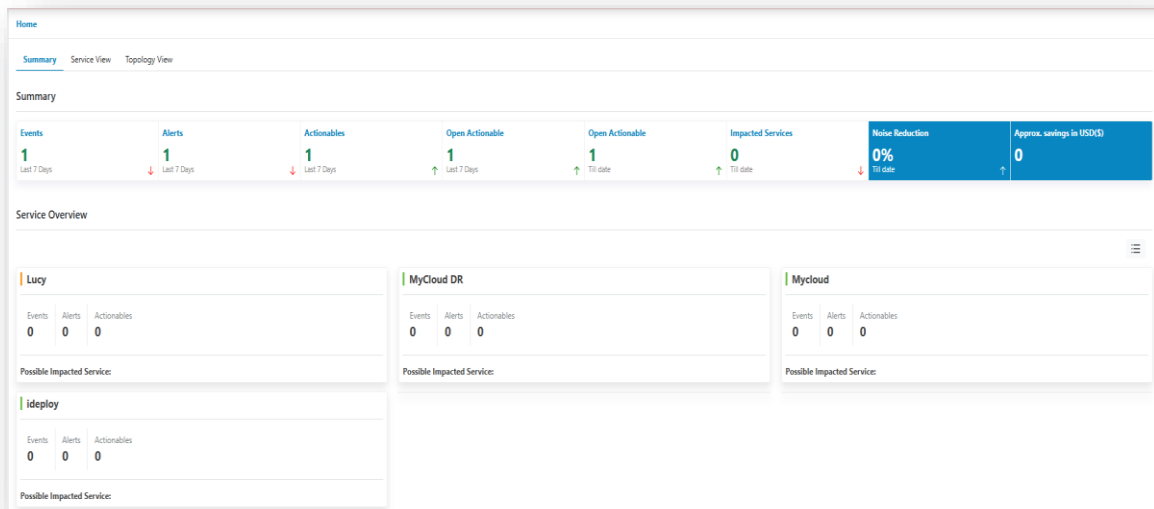
The interface also presents unified views like Metric View, Topology View and Service View to provide a visual representation of the relationship between services and entities in the system.

The Home Screen is a dashboard where a user can see three different views:

- Summary
- Service View
- Topology View

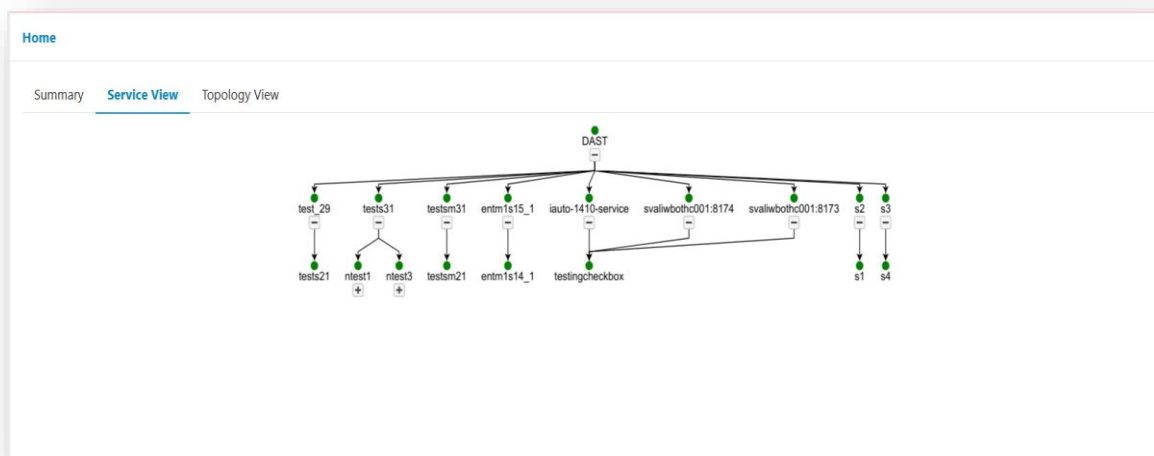
3.1.1 Summary

The summary shows the value of different metrics corresponding to Events, Alerts, Actionable for a particular customer. It gives a view of open actionable and impacted services. In addition, Noise Reduction percentage, calculated to date, is also shown in the metric view.



3.1.2 Service View

Applications consist of multiple services running on different nodes or entities. These services are often related to each other in a Parent-Child relationship where issue on a child service gets cascaded onto parent service and further up in hierarchy. In a complex or large environment, analyzing this impact is very challenging and leads to higher MTTR, RCA and outages. With HCL IEM Service View, Users can quickly identify the Causal Service and corresponding Impacted Services, enabling them to trigger appropriate remediation process in minimal time.



3.1.3 Topology View

Topology View shows the relationship between entities for a particular customer. Parent and Child nodes are depicted in the Topology view chart, as configured for the selected customer.

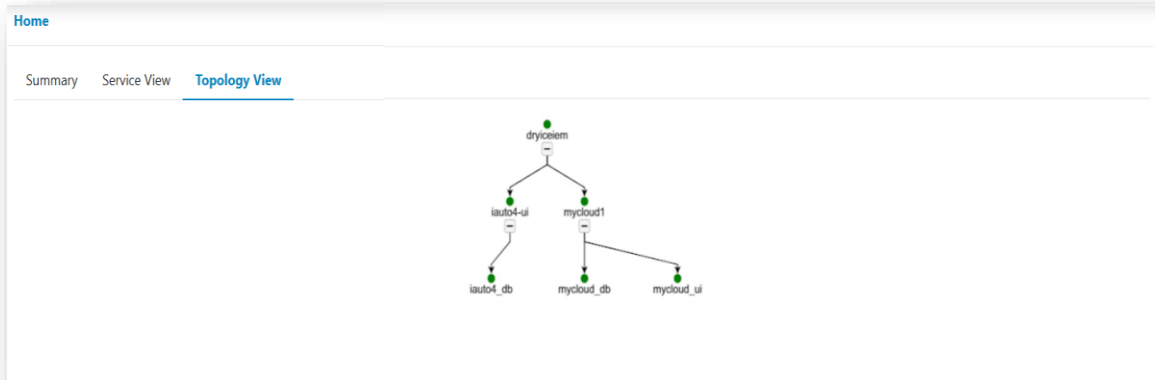


Figure 5 - Topology View

3.2 Data View

The data view acts as the user's visual guide into granular data related to the events, alerts, actionable and noise data, in a single, unified view that permits the user to filter data according to their requirement and obtain a more transparent view of the system and any issues related to the services configured within the system.

Based on the configuration, five data views are displayed over this console.

- Events
- Alerts
- Actionable
- All Events
- Noise Events
- Metrics

3.2.1 Events

An "event" refers to a significant occurrence or incident within an IT environment that is detected, monitored, and logged by various systems and tools. Events are typically generated by hardware, software, applications, or network devices, and they serve as a key source of information for monitoring and managing the performance and health of IT systems.

Events can be diverse and may include activities such as system errors, warning messages, user interactions, configuration changes, or security-related incidents.

This view will show all events that have come into HCL IEM system after removal of noise events.

Events are classified as noise if they satisfy the rule condition.

3.2.1.1 Events View

Please follow the steps below to view events data:

1. In the top navigation bar, click on Data View and click on Events.

- Events data will be displayed for the customer to which user is part of.

Home > Events

Select Events View Events

Live

All Critical Major Minor Warning Clear Indeterminate

Severity	ID	Entity	Event Time	Parameter	Event Created On	Last Updated
Major	1FMRWMWTX2	noiseentity_2312	2024/12/23 12:11:34	memory	2024/12/23 12:11:34	2024/12/23 12:11:34
Critical	4RO7M6N8GV	testentity103	2024/12/20 18:17:53	cpu	2024/12/20 18:17:53	2024/12/20 18:17:53
Critical	JEAHW008BMM	testentity102	2024/12/20 18:17:42	cpu	2024/12/20 18:17:42	2024/12/20 18:17:42
Warning	7ab7a22b-8575-47a7-a4dc-e23e0260...	MCLD-2012-06-7ab7a22b-8575-47a7-...	2024/12/20 18:01:00	CPU	2024/12/20 18:01:00	2024/12/20 18:01:00
Warning	7d3614f9-9cc2-4c2b-bac7-b23481169...	MCLD-2012-04-7d3614f9-9cc2-4c2b-...	2024/12/20 17:32:36	CPU	2024/12/20 17:32:36	2024/12/20 17:32:36
Warning	15f888b0-55e4-41e3-a488-31e34983...	MCLD-2012-03-15f888b0-55e4-41e3-...	2024/12/20 17:31:15	CPU	2024/12/20 17:31:15	2024/12/20 17:31:15
Critical	ELV57K8HSS	testentity101	2024/12/20 17:27:59	cpu	2024/12/20 17:27:59	2024/12/20 17:27:59
Warning	1de25777-7cfe-4bd5-a418-c5b8e15cf...	MCLD-2012-02-1de25777-7cfe-4bd5-...	2024/12/20 16:55:24	CPU	2024/12/20 16:55:24	2024/12/20 16:55:24
Warning	d7992660-4946-4f58-be45-0541c99cf...	MCLD-2012-01-d7992660-4946-4f58-...	2024/12/20 16:00:42	CPU	2024/12/20 16:00:42	2024/12/20 16:00:42
Critical	0c6e30ee-30c6-4c4c-a471-143e8bc27...	CLPLWBOTH001	2024/12/20 12:50:33	Memory utilization	2024/12/20 12:50:33	2024/12/20 12:50:33

1 2 3 4 5 ... 10 items per page

1 - 10 of 9 items

Figure 6 - View Events

3.2.1.2 Add Column

This option will enable users to add more columns in the data grid to analyze it deeply. Please follow the steps below to add columns to data view.

- In the top navigation bar, click on Data View and click on Events.
- Click on the Add Column action button present at right side of Live button.
- A pop-up will open which enables user to select from list of available columns to add it in the grid as shown in figure. Then, click on save button to add selected columns in view.

Add Columns

Add More Columns

Sub Entity ID

Original Columns

Severity ID Entity Title Manager Primary Application Name Tool ID

Secondary Application Name Agent Event Time Mapped Entity ID Parameter Category

Parameter Location Environment Designation

Newly Added Columns

Sub Entity ID

Save Close

Figure 7 - Add Column

3.2.1.3 Save View

The steps explain how to save the events data:

1. In the top navigation bar, click on Data View and click on Events
2. User can click the save button.

Severity	ID	Entity	Event Time	Parameter	Event Created On	Last Updated
Major	1FMRWMWTK2	noiseentity_2312	2024/12/23 12:11:34	memory	2024/12/23 12:11:34	2024/12/23 12:11:34
Critical	4RO7M6N8GV	testentity103	2024/12/20 18:17:53	cpu	2024/12/20 18:17:53	2024/12/20 18:17:53
Critical	JEAHW008MM	testentity102	2024/12/20 18:17:42	cpu	2024/12/20 18:17:42	2024/12/20 18:17:42
Warning	7ab7a22b-8575-47a7-a4dc-e23e0260...	MCLD-2012-06-7ab7a22b-8575-47a7-...	2024/12/20 18:01:00	CPU	2024/12/20 18:01:00	2024/12/20 18:01:00
Warning	7d3614f9-9cc2-4c2b-bac7-b23481169...	MCLD-2012-04-7d3614f9-9cc2-4c2b-...	2024/12/20 17:32:36	CPU	2024/12/20 17:32:36	2024/12/20 17:32:36
Warning	15f888b0-55e4-41e3-a488-31e34983...	MCLD-2012-03-15f888b0-55e4-41e3-...	2024/12/20 17:31:15	CPU	2024/12/20 17:31:15	2024/12/20 17:31:15
Critical	ELV57K8HSS	testentity101	2024/12/20 17:27:59	cpu	2024/12/20 17:27:59	2024/12/20 17:27:59
Warning	1de25777-7cfe-4bd5-a418-c5b8e15cf...	MCLD-2012-02-1de25777-7cfe-4bd5-...	2024/12/20 16:55:24	CPU	2024/12/20 16:55:24	2024/12/20 16:55:24
Warning	d7992660-4946-4f58-be45-0541c99cf...	MCLD-2012-01-d7992660-4946-4f58-...	2024/12/20 16:00:42	CPU	2024/12/20 16:00:42	2024/12/20 16:00:42
Critical	0c6e30ee-30c6-4c4c-a471-143e8bc27...	CLPLWBOTH001	2024/12/20 12:50:33	Memory utilization	2024/12/20 12:50:33	2024/12/20 12:50:33

Figure 8 – Save View

3. A confirmation pop-up message will appear.

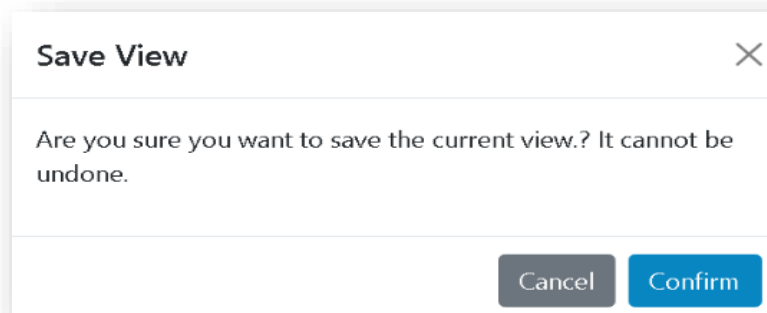


Figure 9 – Login

4. Click on Confirm button, a successful pop will appear and the grid changes

Home > Events

Select Events View Events

View saved successfully.

Live

All Critical Major Minor Warning Clear Indeterminate

Severity	ID	Entity	Event Time	Parameter	Event Created On	Last Updated
Critical	1198fc3a-0f0b-4322-958b-0048540e9...		2024/11/28 15:05:56	Memory Alert	2024/11/28 15:05:52	2024/11/28 15:05:52
Critical	b9cc8b82-a847-4b0d-96ce-f89b3d1bf...		2024/11/28 15:05:16	Memory Alert	2024/11/28 15:05:52	2024/11/28 15:05:52
Warning	d31a8196-3631-4396-b5be-4e39ba90...		2024/11/28 15:04:18	memory-storage	2024/11/28 15:03:34	2024/11/28 15:03:34
Critical	1bdffaed-1f50-4e7e-8bb7-fe9ba044f5...		2024/11/28 15:03:54	Memory Alert	2024/11/28 15:03:52	2024/11/28 15:03:52
Clear	db86f22e-df37-4a6b-a959-6fb286aa9...		2024/11/28 15:03:17	system	2024/11/28 15:02:34	2024/11/28 15:02:34
Critical	fd3e46ed-af6e-4ed5-908a-22f990450...		2024/11/28 15:03:14	Memory Alert	2024/11/28 15:03:52	2024/11/28 15:03:52
Critical	2911f898-126d-4a41-8144-d1082425...		2024/11/28 15:01:52	Memory Alert	2024/11/28 15:01:52	2024/11/28 15:01:52
Critical	1a20af38-1c4f-4e4e-be97-cae927c88...		2024/11/28 15:01:24	Memory	2024/11/28 15:01:24	2024/11/28 15:01:24
Warning	b36e61b2-5848-4590-98d1-62c40ce9...		2024/11/28 15:01:16	system	2024/11/28 15:00:35	2024/11/28 15:00:35
Critical	f844252e-3c7d-4dfc-b68c-1056a1484...		2024/11/28 15:01:12	Memory Alert	2024/11/28 15:01:52	2024/11/28 15:01:52

10 items per page 1 - 10 of 13343 items

Figure 10 - Listing Page of Events

3.2.1.4 Save As Events

This option will enable users to save currently opened view with columns populated in data grid so that same view can be shown to any other user in an organization. It is very helpful for admins to configure this kind of view for other users in an organization by creating a different view other than the current view. For example, a view to list out events with critical severity only. Please follow the steps below to save as events:

1. In the top navigation bar, click on Data View and click on Events.
2. Once the user clicks the **Save** button, a pop-up will open to provide the following information:
 - **View Name:** name of view like critical events
 - **Description:** description of view like list all critical events
 - **Show to:** Either it will be visible to user who is saving it or to other users.

Save As

View Name *

Description *

Show to

My Self

Save Close

Figure 11 - Save as Events

3. This view will be available on the list for users as shown in the figure.

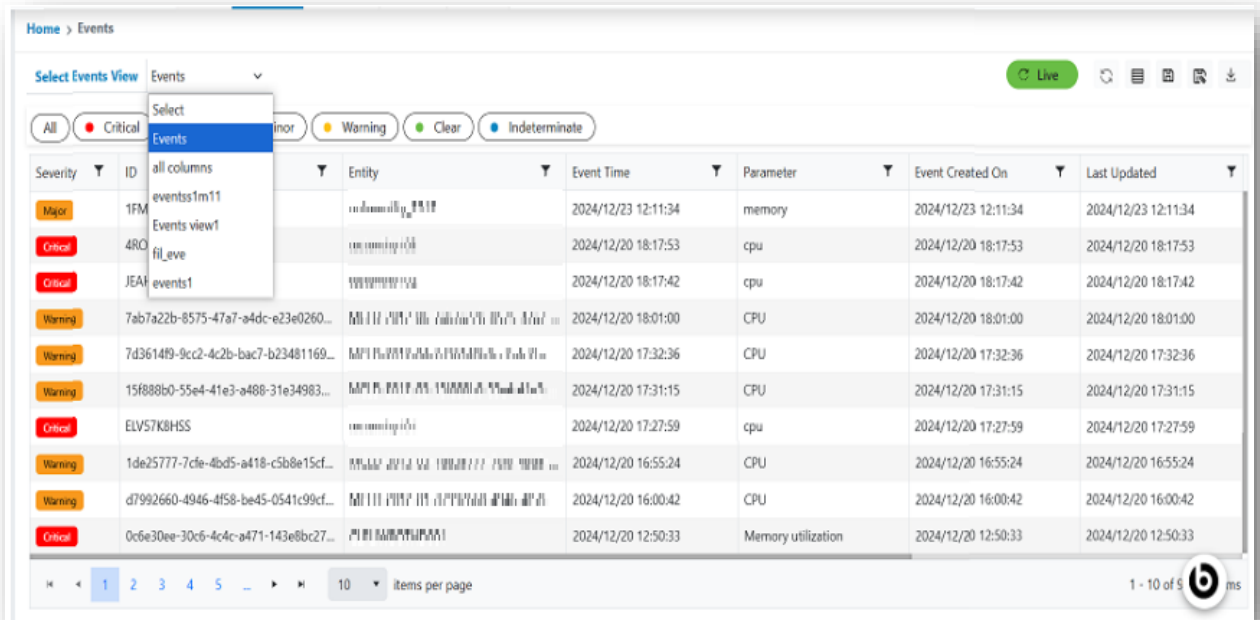


Figure 12 – Selects Alerts View Dropdown

3.2.1.5 Refresh Events

This option will enable users to refresh data grid to populate latest data over screen.

Please follow the steps below to refresh events grid:

1. In the top navigation bar, click on Data View and click on Events.
2. Once the user can click the Refresh button, confirmation pop up message will appear.

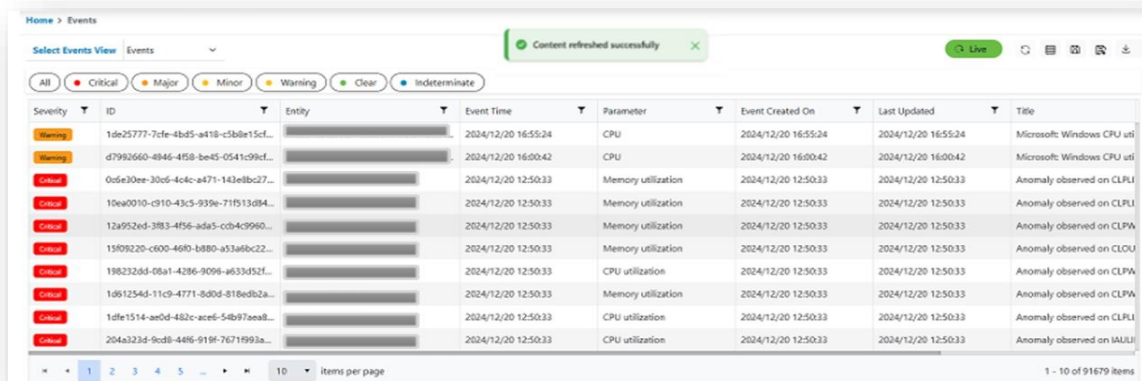


Figure 13 – Refresh View Data Events

3.2.1.6 Live Events Data

This option will enable users to stop/start live update of data being shown in grid. Please follow the steps below to enable/disable live events.

1. In the top navigation bar, click on Data View and click on Events.
2. Users can see the Live Events Data, and this will be updated regularly, and automatically refresh the grid.

- To stop live data update, please click on Live button, it stops updating the live event data, a confirmation message will appear, stating that "Auto – refresh has been disabled."

Severity	ID	Entity	Event Time	Parameter	Event Created On	Last Updated	Title
Warning	1de25777-7cfe-4bd5-a418-c5b8e15cf...		2024/12/20 16:55:24	CPU	2024/12/20 16:55:24	2024/12/20 16:55:24	Microsoft: Windows CPU uti
Warning	d7992660-4946-4f58-be45-0541c99cf...		2024/12/20 16:00:42	CPU	2024/12/20 16:00:42	2024/12/20 16:00:42	Microsoft: Windows CPU uti
Critical	0c6e30ee-30c6-4c4c-a471-143e8bc27...		2024/12/20 12:50:33	Memory utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLPU
Critical	10ea0010-c910-43c5-939e-71f513d84...		2024/12/20 12:50:33	Memory utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLPU
Critical	12a952ed-3f83-4f56-ada5-cb4c9960...		2024/12/20 12:50:33	Memory utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLPW
Critical	15f09220-c600-46f0-b880-a53a6bc22...		2024/12/20 12:50:33	Memory utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLOU
Critical	198232dd-08a1-4286-9096-a633d52f...		2024/12/20 12:50:33	CPU utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLPW
Critical	1d61254d-11c9-4771-8d0d-818ed02a...		2024/12/20 12:50:33	Memory utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLPW
Critical	1dfe1514-aed0-482c-ace6-54b97aea8...		2024/12/20 12:50:33	CPU utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLPU
Critical	204a323d-9cd8-44f6-919f-7671f993a...		2024/12/20 12:50:33	CPU utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on IAULI

Figure 14 - Live Events Data

3.2.1.7 Apply Filters

This option will enable users to apply filters over the currently opened view to see data of specific values. For example, to see lists of critical events, users can set filters over severity columns of events 'data. Please follow the steps below to apply filters:

- In the top navigation bar, click on Data View and click on Events.
- Click on the filter option as shown in figure.

Severity	ID	Entity	Event Time	Parameter	Event Created On	Last Updated	Title
Warning	1de25777-7cfe-4bd5-a418-c5b8e15cf...		2024/12/20 16:55:24	CPU	2024/12/20 16:55:24	2024/12/20 16:55:24	Microsoft: Windows CPU uti
Warning	d7992660-4946-4f58-be45-0541c99cf...		2024/12/20 16:00:42	CPU	2024/12/20 16:00:42	2024/12/20 16:00:42	Microsoft: Windows CPU uti
Critical	0c6e30ee-30c6-4c4c-a471-143e8bc27...		2024/12/20 12:50:33	Memory utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLPU
Critical	10ea0010-c910-43c5-939e-71f513d84...		2024/12/20 12:50:33	Memory utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLPU
Critical	12a952ed-3f83-4f56-ada5-cb4c9960...		2024/12/20 12:50:33	Memory utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLPW
Critical	15f09220-c600-46f0-b880-a53a6bc22...		2024/12/20 12:50:33	Memory utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLOU
Critical	198232dd-08a1-4286-9096-a633d52f...		2024/12/20 12:50:33	CPU utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLPW
Critical	1d61254d-11c9-4771-8d0d-818ed02a...		2024/12/20 12:50:33	Memory utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLPW
Critical	1dfe1514-aed0-482c-ace6-54b97aea8...		2024/12/20 12:50:33	CPU utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on CLPU
Critical	204a323d-9cd8-44f6-919f-7671f993a...		2024/12/20 12:50:33	CPU utilization	2024/12/20 12:50:33	2024/12/20 12:50:33	Anomaly observed on IAULI

Figure 15 - More Filter Operation

- A filter screen will come up which enables user to select field and corresponding operator along with value to filter data.

Severity	ID	Entity	Event Time	Parameter	Event Created On	Last Updated
Critical	Operator	0d268c5c2...	2024/11/28 15:25:24	Memory Alert	2024/11/28 15:25:52	2024/11/28 15:25:52
Critical	Like	4bf026be9...	2024/11/28 15:25:10	Memory Alert	2024/11/28 15:25:52	2024/11/28 15:25:52
Clear	Value	5a567524...	2024/11/28 15:23:43	system	2024/11/28 15:23:34	2024/11/28 15:23:34
Critical	Clear	37d1cc773...	2024/11/28 15:23:22	Memory Alert	2024/11/28 15:23:52	2024/11/28 15:23:52
Critical	Apply	37e1b9da3...	2024/11/28 15:23:08	Memory Alert	2024/11/28 15:23:52	2024/11/28 15:23:52
Warning		0c60d7b9b...	2024/11/28 15:22:43	system	2024/11/28 15:22:34	2024/11/28 15:22:34
Critical	34041940-b0e1-4f73-8399-8839bd43...		2024/11/28 15:22:07	Memory Alert	2024/11/28 15:21:52	2024/11/28 15:21:52
Clear	f8a6c74f-18c9-4efc-af87-666dedfe5716		2024/11/28 15:21:42	memory-storage	2024/11/28 15:21:34	2024/11/28 15:21:34
Critical	64b9de75-7241-4545-ad07-29f749de...		2024/11/28 15:21:20	Memory Alert	2024/11/28 15:21:52	2024/11/28 15:21:52
Clear	7446cd0-acd1-4b63-9a17-ba5ee7d...		2024/11/28 15:20:40	system	2024/11/28 15:20:33	2024/11/28 15:20:33

Figure 16 - More Filter Operation (Cont.)

4. A form will appear on the screen
5. Select the field and operator from the dropdown list and insert the value in the selected field.
6. Click on the Apply button.

Severity	ID	Entity	Event Time	Parameter	Event Created On	Last Updated
Clear	a8eacb7a-0cf3-4f27-8745-d5a567524...		2024/11/28 15:23:43	system	2024/11/28 15:23:34	2024/11/28 15:23:34
Clear	f8a6c74f-18c9-4efc-af87-666dedfe5716		2024/11/28 15:21:42	memory-storage	2024/11/28 15:21:34	2024/11/28 15:21:34
Clear	7446cd0-acd1-4b63-9a17-ba5ee7d...		2024/11/28 15:20:40	system	2024/11/28 15:20:33	2024/11/28 15:20:33
Clear	2458efc3-0ae4-40da-bffa-b9f928ec42...		2024/11/28 15:18:41	system	2024/11/28 15:18:33	2024/11/28 15:18:33
Clear	521554b5-0197-421a-ba42-abea1c07...		2024/11/28 15:17:38	memory-storage	2024/11/28 15:16:43	2024/11/28 15:16:43
Clear	51e513c2-e382-4ab8-8fe0-5b42de88...		2024/11/28 15:14:35	system	2024/11/28 15:14:34	2024/11/28 15:14:34
Clear	b8fcd846-2b7e-4b89-b4f4-60a166aeb...		2024/11/28 15:12:34	system	2024/11/28 15:11:34	2024/11/28 15:11:34
Clear	db06f22e-df37-4a6b-a959-6fb286aa9...		2024/11/28 15:03:17	system	2024/11/28 15:02:34	2024/11/28 15:02:34
Clear	28c2ea10-9856-4e3b-96ec-d5d5d9b9...		2024/11/28 14:59:15	system	2024/11/28 14:58:33	2024/11/28 14:58:33
Clear	294d20a3-d990-4517-b9d6-28175d93...		2024/11/28 14:55:12	system	2024/11/28 14:54:35	2024/11/28 14:54:35

Figure 17 - More Filter Operation (Cont.)

3.2.2 Alerts

"Alerts" refer to notifications or warnings generated by monitoring systems or tools when significant events or issues are deviating from normal system behavior. Alerts play a crucial role in proactively identifying potential problems, anomalies, or security incidents within the IT environment. Alerts are triggered by a monitoring system to indicate the occurrence of a specific event or condition that requires

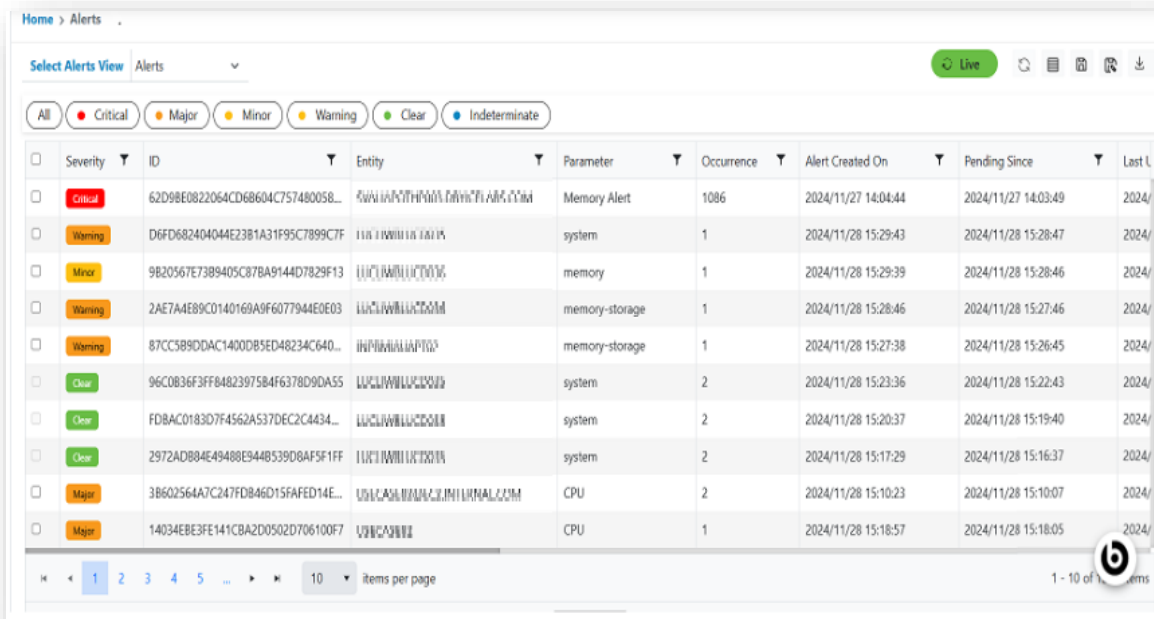
attention. Alerts are typically generated based on predefined rules, thresholds, or conditions associated with events. Multiple alerts may be correlated to identify patterns or relationships between different events, helping in understanding the broader impact.

A well-designed alerting view provides IT teams with crucial information, enabling them to respond proactively to potential issues and minimize the impact on operations.

3.2.2.1 Alerts View

This option will enable users to view the list of all alerts that have been created in HCL IEM. Please follow the steps below to view the alerts:

1. In the top navigation bar, click on Data View and click on Alerts.
2. Alert data will be displayed for the customer logged-in is part of.



Severity	ID	Entity	Parameter	Occurrence	Alert Created On	Pending Since	Last Updated
Critical	62D98E0822064CD68604C757480058...	System Health	Memory Alert	1086	2024/11/27 14:04:44	2024/11/27 14:03:49	2024/11/27 14:04:44
Warning	D6FD68240404E2381A31F95C7899C7F...	System Health	system	1	2024/11/28 15:29:43	2024/11/28 15:28:47	2024/11/28 15:29:43
Minor	9B20567E7389405C87BA9144D7829F13...	System Health	memory	1	2024/11/28 15:29:39	2024/11/28 15:28:46	2024/11/28 15:29:39
Warning	2AE7AAE89C0140160A9F6077944E0E03...	System Health	memory-storage	1	2024/11/28 15:28:46	2024/11/28 15:27:46	2024/11/28 15:28:46
Warning	87CC589DDAC1400DB5ED48234C640...	System Health	memory-storage	1	2024/11/28 15:27:38	2024/11/28 15:26:45	2024/11/28 15:27:38
Clear	96C0836F3FF8482397584F6378D9DA55...	System Health	system	2	2024/11/28 15:23:36	2024/11/28 15:22:43	2024/11/28 15:23:36
Clear	FD8AC0183D7F4562A537DEC2C4434...	System Health	system	2	2024/11/28 15:20:37	2024/11/28 15:19:40	2024/11/28 15:20:37
Clear	2972AD804E49488E944B539D8AF5F1FF...	System Health	system	2	2024/11/28 15:17:29	2024/11/28 15:16:37	2024/11/28 15:17:29
Major	3B602564A7C247FDB46D15FAFED14E...	System Health	CPU	2	2024/11/28 15:10:23	2024/11/28 15:10:07	2024/11/28 15:10:23
Major	14034EBE3FE141CBA2D0502D706100F7...	System Health	CPU	1	2024/11/28 15:18:57	2024/11/28 15:18:05	2024/11/28 15:18:57

Figure 18 - Alerts View

3.2.2.2 Save Alerts

The steps provide information on how to save alert data.

1. In the top navigation bar, click on Data View and click on Alerts.
2. User can click the save button.

Severity	ID	Entity	Parameter	Occurrence	Alert Created On	Pending Since	Last Updated
Critical	62D9BE0822064CD6B604C757480058...	Memory Alert	Memory Alert	1086	2024/11/27 14:04:44	2024/11/27 14:03:49	2024/11/27 14:03:49
Warning	D6FD68240404E23B1A31F95C7899C7F	system	system	1	2024/11/28 15:29:43	2024/11/28 15:28:47	2024/11/28 15:28:47
Minor	9820567E73B9405C87BA9144D7829F13	memory	memory	1	2024/11/28 15:29:39	2024/11/28 15:28:46	2024/11/28 15:28:46
Warning	2AE7A4E89C0140169A9F077944E0E03	memory-storage	memory-storage	1	2024/11/28 15:28:46	2024/11/28 15:27:46	2024/11/28 15:27:46
Warning	87CC5B9DDAC1400DB5ED48234C640...	memory-storage	memory-storage	1	2024/11/28 15:27:38	2024/11/28 15:26:45	2024/11/28 15:26:45
Clear	96C0B36F3FF84823975B4F6378D9DA55	system	system	2	2024/11/28 15:23:36	2024/11/28 15:22:43	2024/11/28 15:22:43
Clear	FD8AC0183D7F4562A537DEC2C4434...	system	system	2	2024/11/28 15:20:37	2024/11/28 15:19:40	2024/11/28 15:19:40
Clear	2972ADB84E49408E944B539D8AF5F1FF	system	system	2	2024/11/28 15:17:29	2024/11/28 15:16:37	2024/11/28 15:16:37
Major	3B602564A7C247FDB46D15FAFED14E...	CPU	CPU	2	2024/11/28 15:10:23	2024/11/28 15:10:07	2024/11/28 15:10:07
Major	14034EBE3FE141CBA2D0502D706100F7	CPU	CPU	1	2024/11/28 15:18:57	2024/11/28 15:18:05	2024/11/28 15:18:05

Figure 19 – Save Alerts

- After saving, the event data appears in the grid and a successful popup appears on the screen.

3.2.2.3 Save As Alerts

This option will enable users to save currently opened view with columns populated in data grid so that same view can be shown to any other user in an organization. It is very helpful for admins to configure this kind of view for other users in an organization by creating a different view other than the current view. For example, a view to list out events with critical severity only. Please follow the steps below to save as events:

- In the top navigation bar, click on Data View and click on alerts.
- Once the user can click the save as button, a pop-up will open to provide the following information:
 - View Name:** name of view like critical alerts
 - Description:** description of view like list all critical alerts
 - Show to:** Either it will be visible to user who is saving it or to other users.
- Next, click on the save button to save view.

Save As

View Name

Description

Show to

My Self

Save

Close

Figure 20 - Save As Alerts

- This view will be available on a list for users as shown in the figure.

Home > Alerts

Select Alerts View

Alerts

Applied Filters

Severity

Select

Alerts

All

Critical

Major

Minor

Warning

Clear

Indeterminate

	Severity	ID	Entity	Parameter	Occurrence	Alert Created On	Pending Since	Last Update
<input type="checkbox"/>	Critical	62D98E0822064CD6B604C757480058...		Memory Alert	1118	2024/11/27 14:04:44	2024/11/27 14:03:49	2024/11/28
<input type="checkbox"/>	Critical	8B33DBD3CFA3438FAF0A029B51FD48...		Disk	2	2024/11/15 15:42:07	2024/11/15 15:41:49	2024/11/28
<input type="checkbox"/>	Critical	36A88080C7F445978E51247AAB50A...		CPU	2	2024/11/28 16:00:27	2024/11/28 16:00:20	2024/11/28
<input type="checkbox"/>	Critical	9B07C254CDA74CD080838C7F48D97...		Memory	3	2024/11/15 15:43:55	2024/11/15 15:41:11	2024/11/28
<input type="checkbox"/>	Critical	87718B65347E42978D8B05F51821E643		Disk	2	2024/11/15 15:41:57	2024/11/15 15:40:58	2024/11/28
<input type="checkbox"/>	Critical	F5046A309E8E4A67A1481E80419D7D...		Swap	1	2024/11/15 15:43:34	2024/11/15 15:41:08	2024/11/28
<input type="checkbox"/>	Critical	FAD015219268406D910E61FEAB88AB...		Memory	1	2024/11/28 16:01:10	2024/11/28 16:00:30	2024/11/28
<input type="checkbox"/>	Critical	161EE6075E9147EEBE574A2B60CFDC91		Disk	3	2024/11/15 15:42:16	2024/11/15 15:41:57	2024/11/28
<input type="checkbox"/>	Critical	5C4577BD280D4157A3C48C489CE36E...		Disk	1	2024/11/15 15:41:59	2024/11/15 15:41:01	2024/11/28
<input type="checkbox"/>	Critical	6F5E9A355EF64939BAAC7A04E58B59...		Memory	2	2024/11/15 15:42:11	2024/11/15 15:41:04	2024/11/28

1 2 3 4 5 ... 10

items per page

1 - 10 of 301 items

Figure 21 - Select Alerts View Dropdown

3.2.2.4 Add Column

This option will enable users to add more columns in the data grid to analyse it deeply. Please follow the steps below to add columns to data view.

- In the top navigation bar, click on Data View and click on Events.
- Click on the Add Column action button present at right side of Live button.
- A pop-up will open which enables user to select from list of available columns to add it in the grid as shown in figure. Then, click on save button to add selected columns in view.

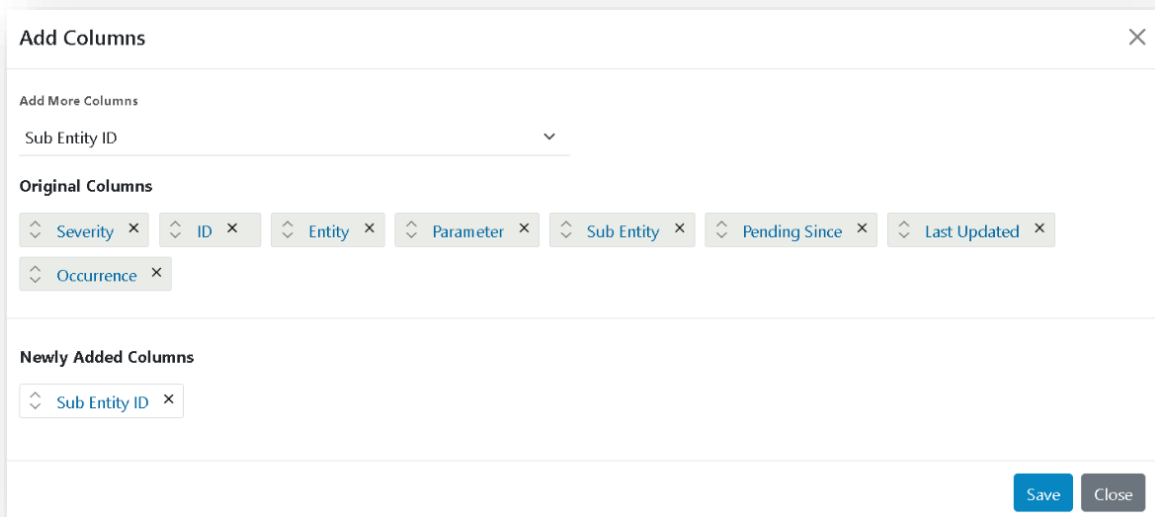


Figure 22 – Add Column

3.2.2.5 Related Events

This option will enable user to see related events for selected alerts to see what all events have been combined to create an alert.

1. In the top navigation bar, click on Data View and click on Alerts.
2. Click on a particular alert on Data View-Alert screen, then it will populate list of related events as shown below in figure.

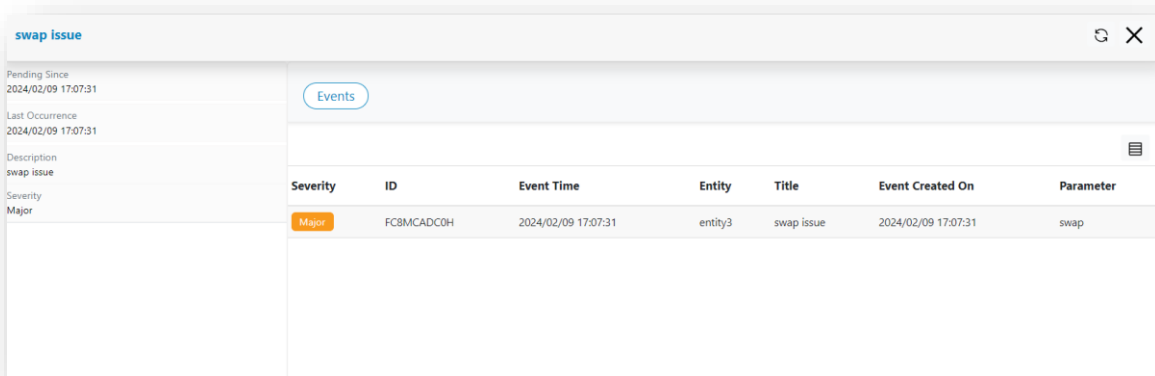


Figure 23 – Alerts Related Events

3.2.2.6 Refresh Alerts

This option will enable user to refresh data grid to populate latest alerts data over screen.

Please follow the steps below to refresh the alerts grid:

1. In the top navigation bar, click on Data View and click on alerts.
2. Once the user clicks on Refresh button, confirmation pop up message will appear.

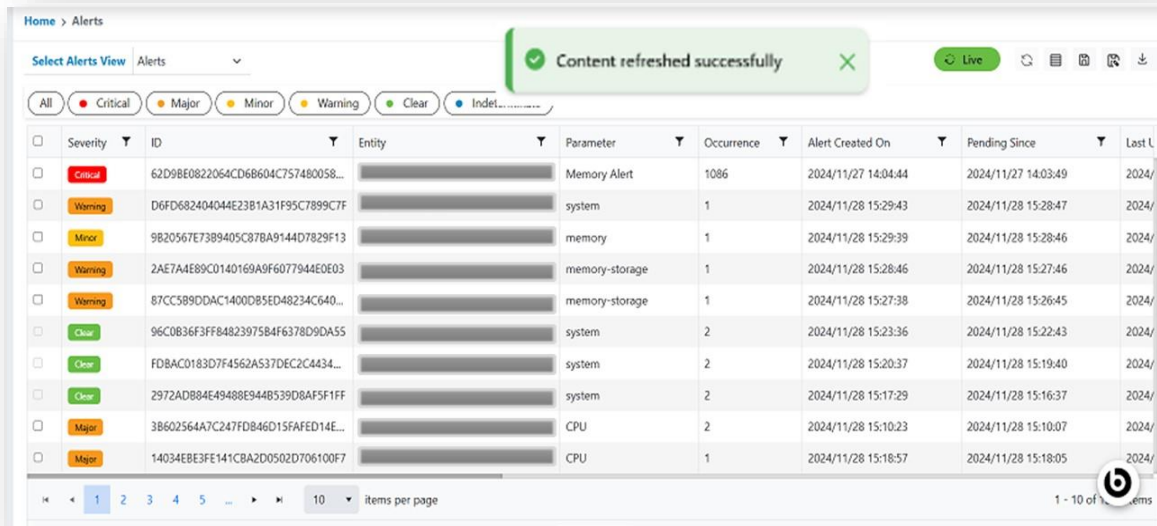


Figure 24 - Confirmation Message

3.2.2.7 Live Alerts Data

This option will enable users to stop/start live update of data being shown in grid. Please follow the steps below to enable/disable live alerts.

1. In the top navigation bar, click on Data View and click on alerts.
2. Users can see the Live Alerts Data, and this will be updated regularly, and refresh grid.
3. To stop live data update, please click on Live button, it stops updating the live alerts data, a confirmation message will appear, stating that "Auto – refresh has been disabled."

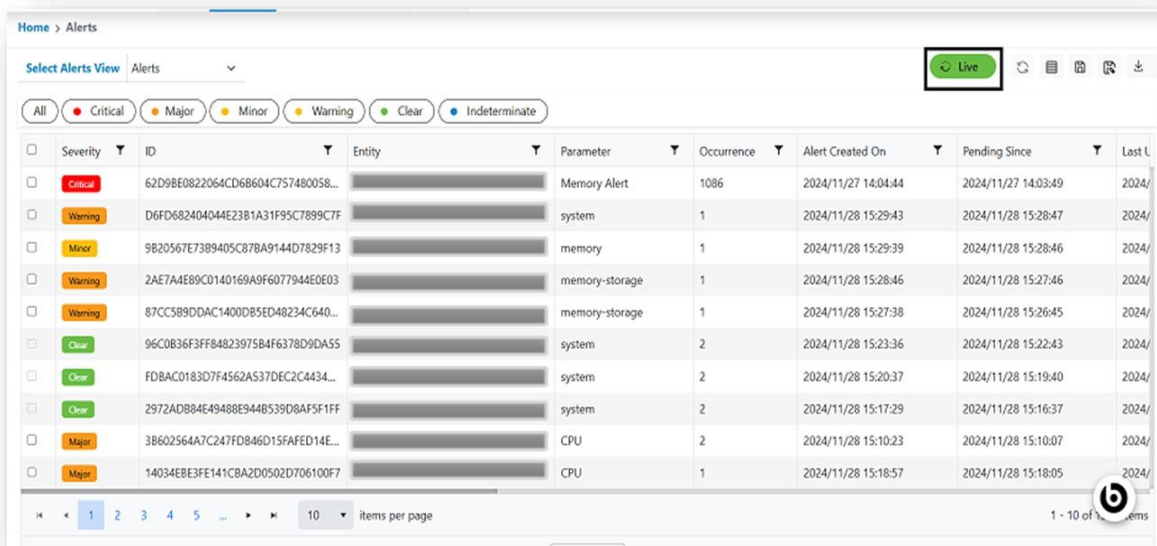


Figure 25 - Live Alerts Data

3.2.2.8 Clear Alerts

1. Users can delete clear alerts using the clear alerts action button.
2. Select the rule(s) to be deleted by clicking on the corresponding checkbox.
3. Click on the delete action button (bulk/single selection).

Home > Alerts

Select Alerts View

Alerts

Live

All

Critical

Major

Minor

Warning

Clear

Indeterminate

<input type="checkbox"/>	Severity	ID	Entity	Parameter	Occurrence	Alert Created On	Pending Since	Last L
<input type="checkbox"/>	Critical	62D9BE0822064CD6B604C757480058...	Memory Alert	Memory Alert	1086	2024/11/27 14:04:44	2024/11/27 14:03:49	2024/
<input type="checkbox"/>	Warning	D6FD682404044E23B1A31F95C7899C7F	system	system	1	2024/11/28 15:29:43	2024/11/28 15:28:47	2024/
<input type="checkbox"/>	Minor	9B20567E73B9405C878A9144D7829F13	memory	memory	1	2024/11/28 15:29:39	2024/11/28 15:28:46	2024/
<input type="checkbox"/>	Warning	2AE7A4E89C0140169A9F6077944E0E03	memory-storage	memory-storage	1	2024/11/28 15:28:46	2024/11/28 15:27:46	2024/
<input type="checkbox"/>	Warning	87CC5B9DDAC1400DB5ED48234C640...	memory-storage	memory-storage	1	2024/11/28 15:27:38	2024/11/28 15:26:45	2024/
<input type="checkbox"/>	Clear	96C0B36F3FF8482397584F6378D9DA55	system	system	2	2024/11/28 15:23:36	2024/11/28 15:22:43	2024/
<input type="checkbox"/>	Clear	FDBAC0183D7F4562A537DEC2C4434...	system	system	2	2024/11/28 15:20:37	2024/11/28 15:19:40	2024/
<input type="checkbox"/>	Clear	2972AD884E49488E944B539D8AF5F1FF	system	system	2	2024/11/28 15:17:29	2024/11/28 15:16:37	2024/
<input type="checkbox"/>	Major	3B602564A7C247FDB46D15FAFED14E...	CPU	CPU	2	2024/11/28 15:10:23	2024/11/28 15:10:07	2024/
<input type="checkbox"/>	Major	14034EBE3FE141CBA2D0502D706100F7	CPU	CPU	1	2024/11/28 15:18:57	2024/11/28 15:18:05	2024/

1

2

3

4

5

...

10 items per page

1 - 10 of 10 items

Figure 26 – Clear Alerts

4. A pop-up screen will appear on the screen.
5. Click on Okay and the alerts will be deleted.

3.2.2.9 Apply Filters

This option will enable users to apply filters over the currently opened view to see data of specific values. For example, to see lists of critical alerts, users can set filters over severity columns of alerts' data. Please follow the steps below to apply filters:

1. In the top navigation bar, click on Data View and click on alerts.
2. Click on the filter option as shown in the figure.

Home > Alerts

Select Alerts View

Alerts

Live

All

Critical

Major

Minor

Warning

Clear

Indeterminate

<input type="checkbox"/>	Severity	ID	Entity	Parameter	Occurrence	Alert Created On	Pending Since	Last U
<input type="checkbox"/>	Critical	62D9BE0822064CD6B604C757480058...		Memory Alert	1086	2024/11/27 14:04:44	2024/11/27 14:03:49	2024/
<input type="checkbox"/>	Warning	D6FD682404044E23B1A31F95C7899C7F		system	1	2024/11/28 15:29:43	2024/11/28 15:28:47	2024/
<input type="checkbox"/>	Minor	9B20567E73B9405C878A9144D7829F13		memory	1	2024/11/28 15:29:39	2024/11/28 15:28:46	2024/
<input type="checkbox"/>	Warning	2AE7A4E89C0140169A9F6077944E0E03		memory-storage	1	2024/11/28 15:28:46	2024/11/28 15:27:46	2024/
<input type="checkbox"/>	Warning	87CC5B9DDAC1400DB5ED48234C640...		memory-storage	1	2024/11/28 15:27:38	2024/11/28 15:26:45	2024/
<input type="checkbox"/>	Clear	96C0B36F3FF8482397584F6378D9DA55		system	2	2024/11/28 15:23:36	2024/11/28 15:22:43	2024/
<input type="checkbox"/>	Clear	FDBAC0183D7F4562A537DEC2C4434...		system	2	2024/11/28 15:20:37	2024/11/28 15:19:40	2024/
<input type="checkbox"/>	Clear	2972AD884E49488E944B539D8AF5F1FF		system	2	2024/11/28 15:17:29	2024/11/28 15:16:37	2024/
<input type="checkbox"/>	Major	3B602564A7C247FDB46D15FAFED14E...		CPU	2	2024/11/28 15:10:23	2024/11/28 15:10:07	2024/
<input type="checkbox"/>	Major	14034EBE3FE141CBA2D0502D706100F7		CPU	1	2024/11/28 15:18:57	2024/11/28 15:18:05	2024/

1

2

3

4

5

...

10

items per page

1 - 10 of 11 items

Figure 27 – Apply Filters

3. A filter screen will come up which enables users to select field and corresponding operator along with value to filter data as shown in figure.

Home > Alerts

Select Alerts View Alerts

Live

All Critical Major Minor Warning Clear Indeterminate

Severity	ID	Entity	Parameter	Occurrence	Alert Created On	Pending Since	Last Updated
Critical	Operator	51821E643		2	2024/11/15 15:41:57	2024/11/15 15:40:58	2024/11/28 16:00:31
Critical	Like	9B51FD48...		2	2024/11/15 15:42:07	2024/11/15 15:41:49	2024/11/28 16:00:31
Critical	Value	08D722E24		2	2024/11/28 16:00:29	2024/11/28 16:00:07	2024/11/28 16:00:31
Critical	Critical	A78D233...		1	2024/11/15 15:42:09	2024/11/15 15:41:50	2024/11/28 16:00:31
Critical	Apply	7F48D97...		3	2024/11/15 15:43:55	2024/11/15 15:41:11	2024/11/28 16:00:31
Critical	F5046A309E8E467A1481E8D419D7D...			1	2024/11/15 15:43:34	2024/11/15 15:41:08	2024/11/28 16:00:31
Critical	36A88080C7F445978E51247AAAB50A...			2	2024/11/28 16:00:27	2024/11/28 16:00:20	2024/11/28 16:00:31
Critical	FAD015219268406D910E61FEAB88AB...			1	2024/11/28 16:01:10	2024/11/28 16:00:30	2024/11/28 16:00:30
Critical	F91BBE7779F647859F6FF2B0B073459F			2	2024/11/15 15:42:24	2024/11/15 15:41:52	2024/11/28 16:00:30
Critical	235A24AB2A2647DBAB28ED84F996F7...			2	2024/11/15 15:42:07	2024/11/15 15:41:03	2024/11/28 16:00:30

1 - 10 of 10 items

Figure 28 - More Filter Operation

4. Users can see the result of applied filter.

Home > Alerts

Select Alerts View Alerts

Live

Applied Filters Severity LIKE Critical

All Critical Major Minor Warning Clear Indeterminate


Severity	ID	Entity	Parameter	Occurrence	Alert Created On	Pending Since	Last Updated
Critical	8B33DBD3CFA3438FAF0A029B51FD48...			2	2024/11/15 15:42:07	2024/11/15 15:41:49	2024/11/28 16:00:31
Critical	36A88080C7F445978E51247AAAB50A...			2	2024/11/28 16:00:27	2024/11/28 16:00:20	2024/11/28 16:00:31
Critical	9B07C254CDA74CD080838C7F48D97...			3	2024/11/15 15:43:55	2024/11/15 15:41:11	2024/11/28 16:00:31
Critical	F5046A309E8E467A1481E8D419D7D...			1	2024/11/15 15:43:34	2024/11/15 15:41:08	2024/11/28 16:00:31
Critical	E623548A014A4AD3A22EF9A78D233...			1	2024/11/15 15:42:09	2024/11/15 15:41:50	2024/11/28 16:00:31
Critical	B7718B65347E42978D8B05F51821E643			2	2024/11/15 15:41:57	2024/11/15 15:40:58	2024/11/28 16:00:31
Critical	34A59CC3A684A405901E5FF204935A...			2	2024/11/15 15:42:13	2024/11/15 15:41:04	2024/11/28 16:00:30
Critical	2281DC9342F0467689952DCD82C07...			1	2024/11/15 15:43:15	2024/11/15 15:42:02	2024/11/28 16:00:30
Critical	161EE6075E9147EEBE574A2B60CFDC91			3	2024/11/15 15:42:16	2024/11/15 15:41:57	2024/11/28 16:00:30
Critical	FAD015219268406D910E61FEAB88AB...			1	2024/11/28 16:01:10	2024/11/28 16:00:30	2024/11/28 16:00:30

1 - 10 of 278 items

Figure 29 - More Filter Operation

3.2.3 Download CSV

This section provides users with downloading CSV data of records based on the filter they apply to the records of the events screen. User can download the csv files with a maximum of 1000 records.

1. In the top navigation bar, click on Data View and click on Alerts.
2. Apply the filters as per the requirement.
3. Click on the download csv  action button.
4. Check the downloads in the system, the CSV files downloaded.

Home > Alerts

Select Alerts View Alerts Live

All Critical Major Minor Warning Clear Indeterminate

<input type="checkbox"/>	Severity	ID	Entity	Parameter	Occurrence	Alert Created On	Pending Since	Last L
<input type="checkbox"/>	Critical	62D98E0822064CD68604C757480058...	...	Memory Alert	1086	2024/11/27 14:04:44	2024/11/27 14:03:49	2024/
<input type="checkbox"/>	Warning	D6FD682404044E2381A31F95C7899C7F	...	system	1	2024/11/28 15:29:43	2024/11/28 15:28:47	2024/
<input type="checkbox"/>	Minor	9B20567E73B9405C87BA9144D7829F13	...	memory	1	2024/11/28 15:29:39	2024/11/28 15:28:46	2024/
<input type="checkbox"/>	Warning	2AE7A4E89C0140169A9F6077944E0E03	...	memory-storage	1	2024/11/28 15:28:46	2024/11/28 15:27:46	2024/
<input type="checkbox"/>	Warning	87CC38DDAC1400B85ED48234C640...	...	memory-storage	1	2024/11/28 15:27:38	2024/11/28 15:26:45	2024/
<input type="checkbox"/>	Clear	96C0836F3FB8482397584F6378D9DA55	...	system	2	2024/11/28 15:23:36	2024/11/28 15:22:43	2024/
<input type="checkbox"/>	Clear	FD8AC0183D7F4562A537DEC2C4434...	...	system	2	2024/11/28 15:20:37	2024/11/28 15:19:40	2024/
<input type="checkbox"/>	Clear	2972AD884E49488E944B539D8AF5F1FF	...	system	2	2024/11/28 15:17:29	2024/11/28 15:16:37	2024/
<input type="checkbox"/>	Major	3B602564A7C247FD846D15FAFED14E...	...	CPU	2	2024/11/28 15:10:23	2024/11/28 15:10:07	2024/
<input type="checkbox"/>	Major	14034EBE3FE141CBA2D0502D706100F7	...	CPU	1	2024/11/28 15:18:57	2024/11/28 15:18:05	2024/

1 2 3 4 5 ... 10 Items per page 1 - 10 of 1 items

Figure 30 – Download CSV for Alerts

3.2.4 Actionable

"Actionable" refers to a specific occurrence or situation that disrupts normal IT operations and requires attention, investigation, and resolution. Actionable are typically identified based on events or alerts generated by monitoring systems, and their management involves a structured and coordinated response to minimize the impact on the organization's IT services. Actionable are identified through the correlation and analysis of alerts, or anomalies detected by monitoring systems over HCL IEM. Efficient Actionable creation depends upon how effective alert correlation is happening over the system. Actionable progress through various stages in their lifecycle, including detection, identification, classification, investigation, resolution, and closure. It includes root cause analysis to identify the underlying factors that led to the actionable, helping in preventive actions.

3.2.4.1 Actionable View

Please follow the steps below to view events data:

1. In the top navigation bar, click on Data View and click on actionable.
2. Alerts data will be displayed for the customer to which user is part of.

Home > Actionable

Select Actionable View: Actionable

Applied Filters: State NOT IN Resolved,Closed

Buttons: All, Critical, Major, Minor, Warning, Clear, Indeterminate

Select State: All

<input type="checkbox"/>	Severity	ID	State	Rule Name	Entity	Parameter	Is Actionable	Actionable Created On	Last Updated	Pending S
<input type="checkbox"/>	Critical	88CD953F44	Open	System Load		CPU	Y	2024/11/28 16:00:51	2024/11/28 16:00:31	2024/11/28 16:00:31
<input type="checkbox"/>	Critical	7B56A4E3D9	Open	System Load		CPU	Y	2024/11/28 15:54:41	2024/11/28 16:00:30	2024/11/28 16:00:30
<input type="checkbox"/>	Critical	B99548A2F8	Open	System Load		Swap	Y	2024/11/28 16:00:51	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	41125489DF	Open	System Load		CPU	Y	2024/11/28 16:00:48	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	32E4D08223	Open	System Load		Memory	Y	2024/11/28 16:00:30	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	CADD0A3FA4	Open	System Load		CPU	Y	2024/11/28 16:00:37	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	38E43BF343	Open	System Load		Memory	Y	2024/11/28 16:01:01	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	E054C2B68A	Open	System Load		CPU	Y	2024/11/28 16:01:43	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	396C8F12F3	Open	System Load		CPU	Y	2024/11/28 16:00:28	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	6EE4C98200	Open	System Load		CPU	Y	2024/11/28 16:00:36	2024/11/28 16:00:29	2024/11/28 16:00:29

10 items per page 1 - 10 of 187 items

Figure 31 - Actionable View

3.2.4.2 Add Column

This option will enable users to add more columns in the data grid to analyze it deeply. Please follow the steps below to add columns to data view.

1. In the top navigation bar, click on Data View and click on alerts.
2. Click on the Add Column action button present at right side of Live button.
3. A pop-up will open which enables user to select from list of available columns to add it in the grid as shown in figure. Then, click on save button to add selected columns in view.

Add Columns

Add More Columns

Entity

Original Columns

Severity ID Pending Since Last Updated Title State RuleName

External Ticket Number Environment Location

Newly Added Columns

Entity

Save Close

Figure 32 - Add Column

3.2.4.3 Related Changes and Related Problems

This view enables users to see related changes and problems corresponding to entity for which action has been created as this could be one of root cause for change and problem creation. Below are steps for assessing related changes and problems.

1. Click on a particular actionable on Data View-Actionable screen, it will open pop-up window.
2. Next, click on Related Changes or Related Problems tab.
3. Related changes and problems will be populated in cards as shown in figure.

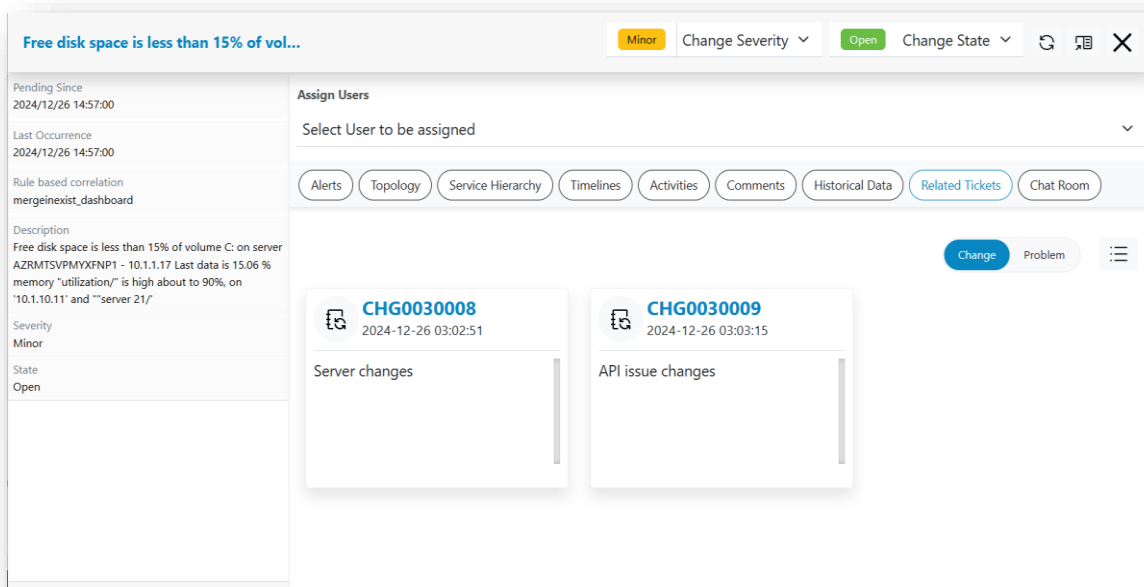


Figure 33 - Related Changes

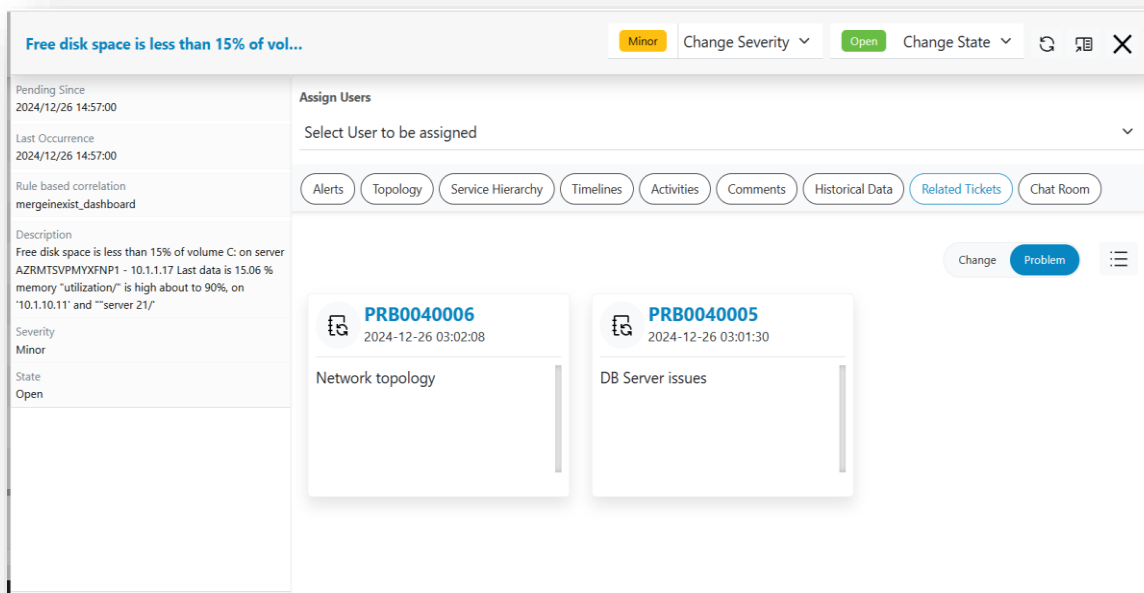


Figure 34 - Related Problems

3.2.4.4 Chat Bot

The steps involved in initiating a chat with a particular user over the chat window are given as follows:

HCL IEM enables collaboration amongst team members via chat room functionality. It also provides integration with HCL AEX, in case the operator wants to fetch some information related to actionable over which user is working on:

1. Click on a particular actionable on Data View-Actionable screen, then go to pop up open for the actionable.
2. Click on the chat icon present over the header of the actionable popup.
3. Actionable title resembling issue description is mentioned over the chat window. The user can initiate chat with the invited user as shown.

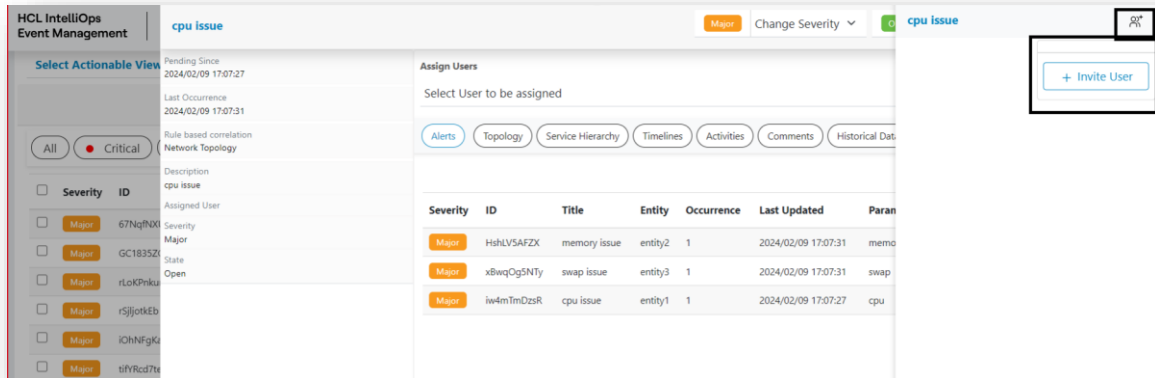


Figure 35 - Chat Bot

4. After Click on + Invite User, user can select the user from dropdown shown below.

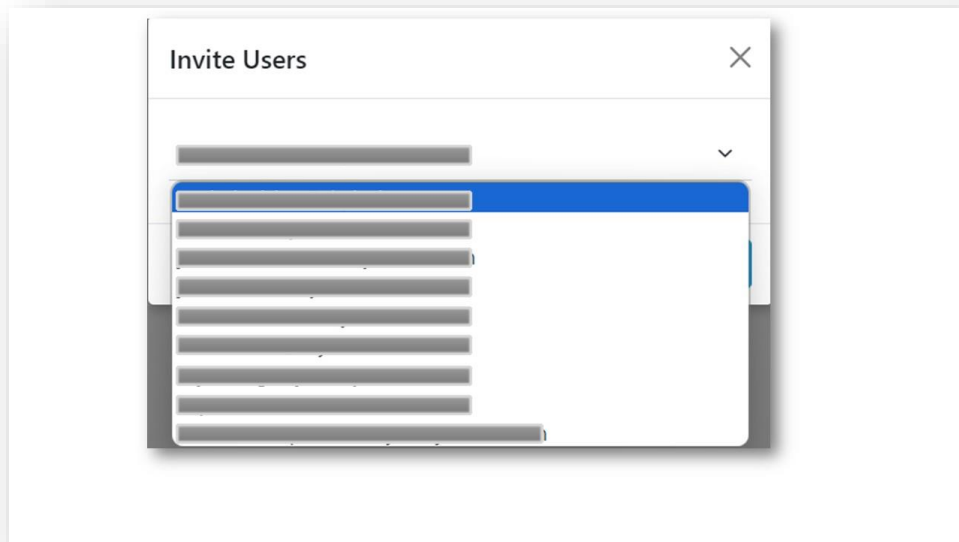


Figure 36 - Invite User

5. After the successful invitation, confirmation message will be displayed.

3.2.4.5 Add Comments

HCL IEM enables users to provide comments that the user has been performing while solving issues. Please follow the steps below to add comments in actionable screen:

1. Click on a particular actionable on Data View-Actionable screen, a pop-up window will open that will show all information like related alerts, related changes, related problems, timeline view, topology view, service topology view etc.
2. Click on the Comments header present in the actionable popup.
3. Details of comments along with posted user will be displayed over screen.
4. It also provides an option to search for a specific comment by entering text in search box.

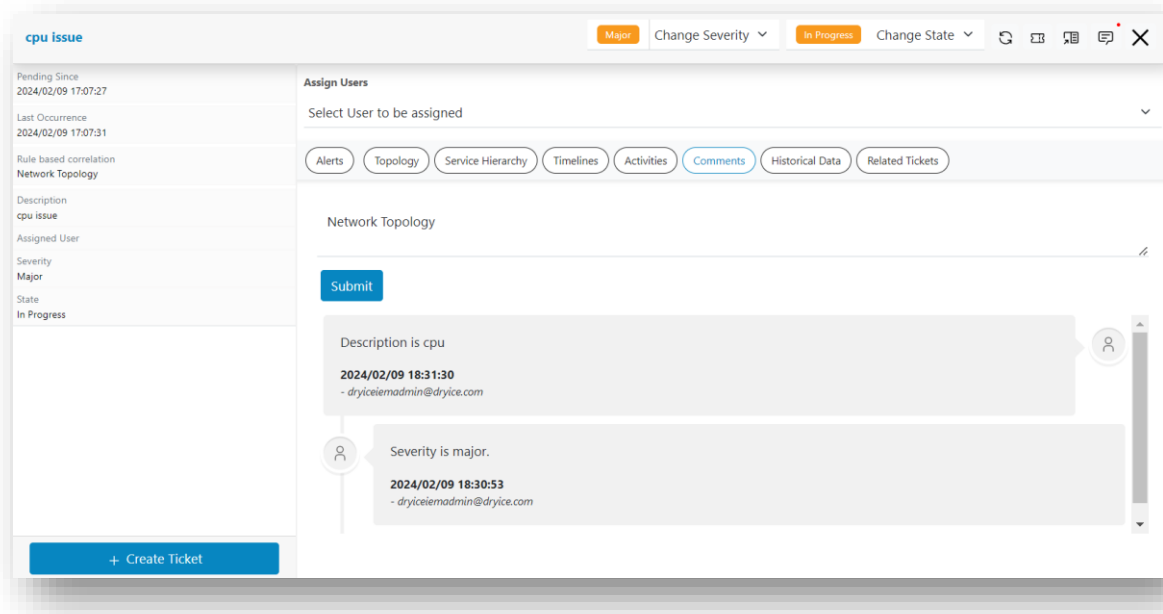


Figure 37 - Add Comments to Actionable

3.2.4.6 Activities

HCL IEM records list of activities systems or user has performed while analyzing events, alerts and actionable. Please follow the steps below to list out activities:

1. Click on a particular actionable on Data View-Actionable screen, a pop-up window will open that will show all information like related alerts, related changes, related problems, timeline view, topology view, service topology view etc.
2. Click on the Activities header present in the actionable popup.
3. Detailed view of changes in the logs for that actionable and its related activities will be visible as shown.
4. Search tab is present to specifically search for a log present in the activity view.

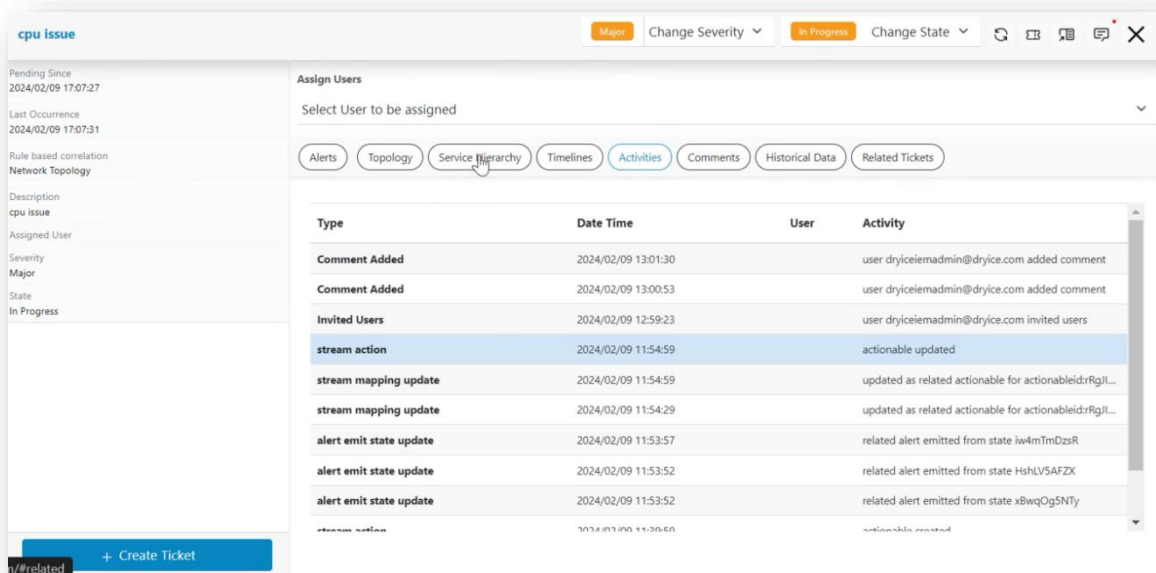


Figure 38 - Activities

3.2.4.7 Historical Data

HCL IEM enables operators to view similar actionable related to current actionable. This works by comparing entity+parameter combinations for current actionable and compare with historical Actionable to identify and populate matching Actionable. Please follow steps to view similar Actionable.

1. Click on a particular actionable on Data View-Actionable screen, a pop-up window will open up that will show all information like related alerts, related changes, related problems, timeline view, topology view, service topology view etc.
2. Click on the Historical Data header present in the actionable popup.
3. Historical Data containing details of similar actionable will be displayed and details can be seen while scrolling from left to right for similar actionable.

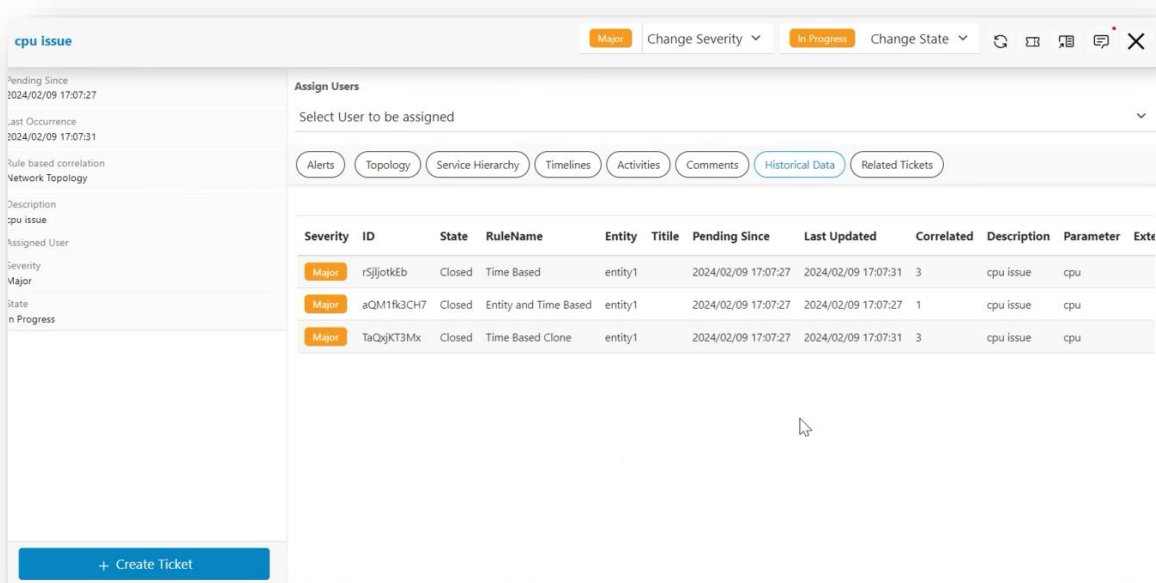


Figure 39 - Similar Actionable

3.2.4.8 Service Hierarchy

HCL IEM provides a service hierarchy view to for service corresponding to which actionable got created. This enables operators to understand what other services can be impacted on due to this. Please follow the steps below to access service hierarchy tab:

1. Click on a particular actionable on Data View-Actionable screen, a pop-up window will open up that will show all information like related alerts, related changes, related problems, timeline view, topology view, service topology view etc.
2. Click on the Service Hierarchy tab present in the actionable popup.
3. Service Hierarchy provides visualization of services relationships along with their impact based on current events in system.
4. Impacted services can be highlighted as per configured color codes and level of impact.

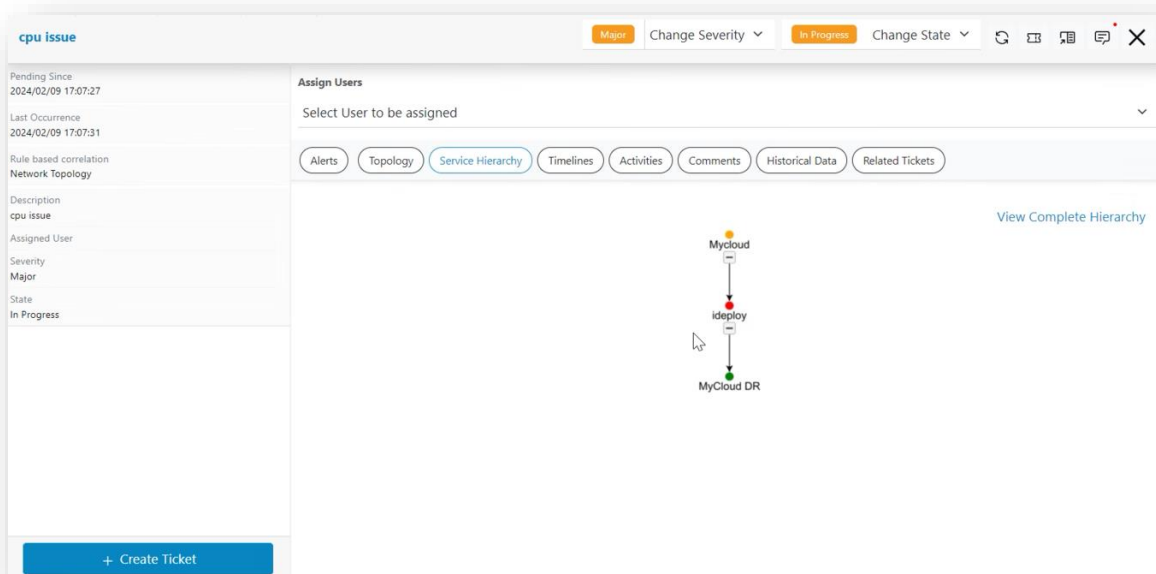


Figure 40 – Service Hierarchy

3.2.4.9 TimeLine

Visualizing the complete timeline when event came in, when alert got created and how actionable got combined is very difficult to understand. HCL IEM provides a way to present this information in a timeline where events, alerts and associated actionable will be shown over time scale. Please follow the steps below to assess the timeline view:

1. Click on a particular actionable on Data View-Actionable screen, then go to pop up open for the actionable.
2. Click on the Timelines header present in the actionable popup.
3. The timeline view will be visible under the header, and details can be seen while scrolling from top to bottom to check the timestamp of events and alerts for that actionable.
4. Entity, Parameter, Description and Timestamp are displayed for Event/Alert/ Actionable in the timeline view.

- There are different icons for differentiating between events, alerts and actionable, and different color codes as per severity.

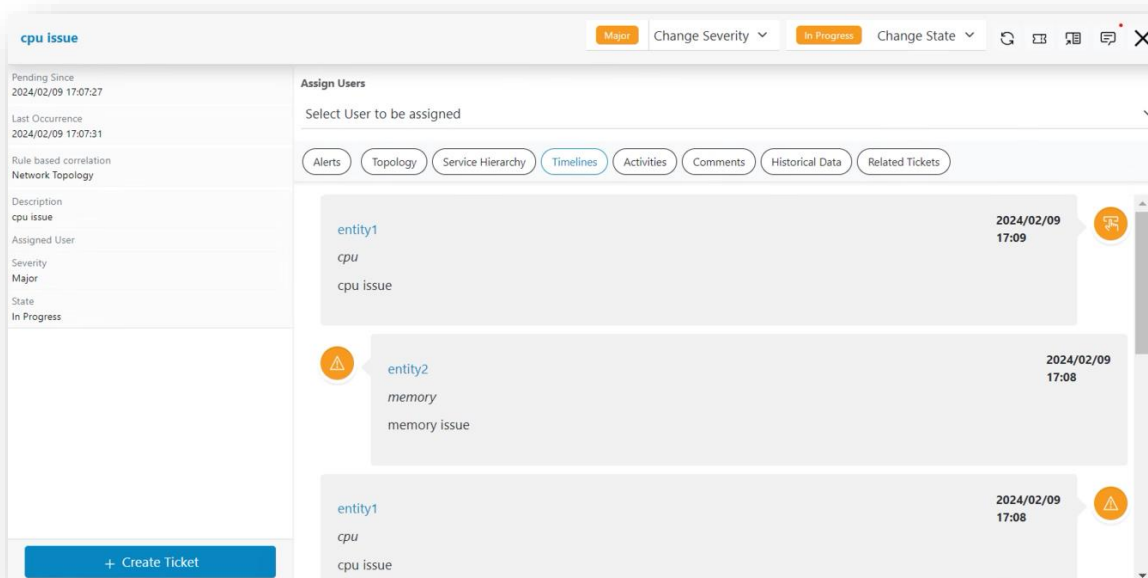


Figure 41 – Timelines

3.2.4.10 Change Severity

Operators can modify the severity of Actionable based on their understanding. Please follow the steps below to change the severity of actionable.

- Click on a particular actionable on Data View-Actionable screen, then go to pop up open for the actionable.
- Click on the severity Clear/Indeterminate/Warning/Minor/Major/Critical as shown.
- A dialog box would appear for confirmation.

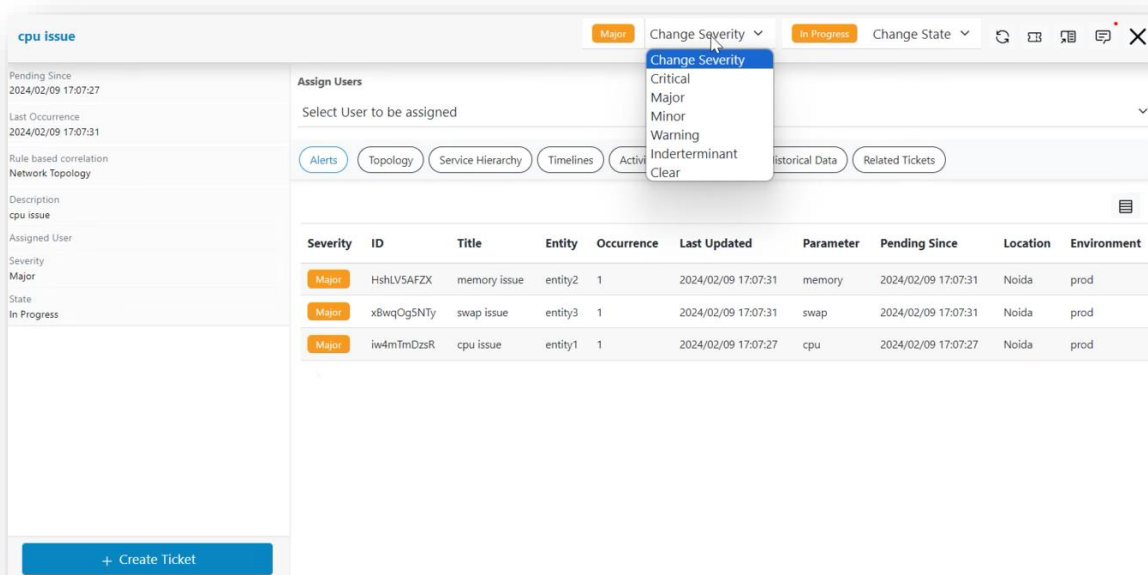


Figure 42 – To Change Severity of Actionable

3.2.4.11 Change State

Operators can modify or change the status of Actionable based on the current state of work. Please follow the steps below to change the status of an actionable.

1. Click on a particular actionable on Data View-Actionable screen, then go to pop up open for the actionable.
2. Click on the status Open/Assigned/In Progress/Resolved.
3. A dialog box would appear for confirmation.

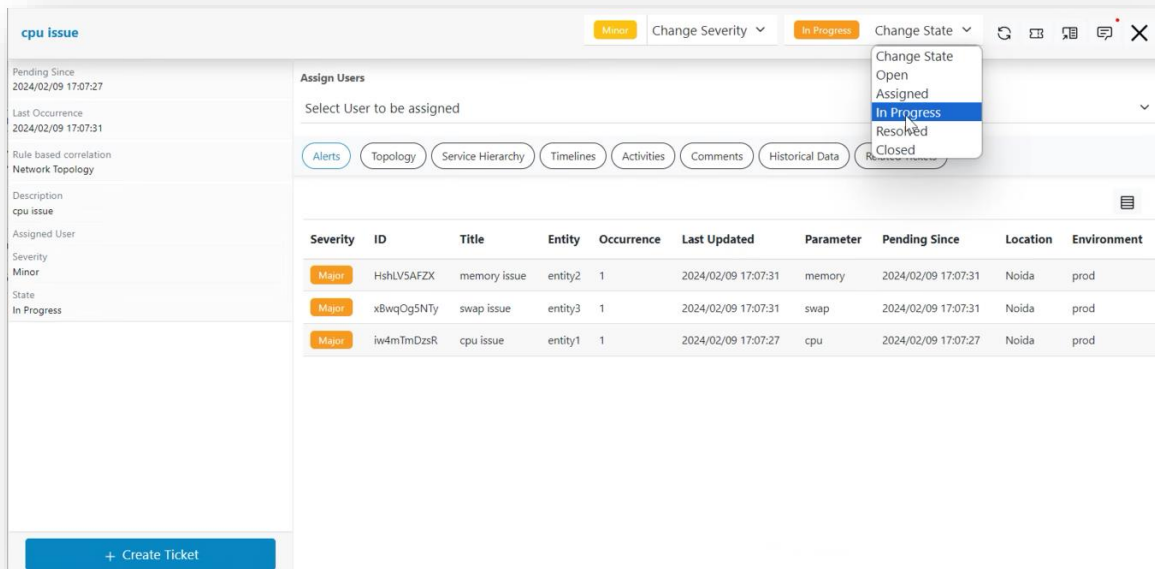


Figure 43 - To Change Status for Actionable

3.2.4.12 Assign Actionable to Another User

Users with tenant admin role can assign Actionable to their team members based on their availability. Please follow the steps below to assign actionable to user.

1. Click on a particular actionable on Data View-Actionable screen, then go to pop up open for the actionable.
2. Click on Assign to header present in the actionable popup. The dropdown list of users configured in the environment will be displayed.
3. Click on the user assigned for that actionable as shown.
4. Notification will be sent to the user after the Actionable is assigned.
5. Notification will be sent to the user even when the assigned actionable will be released from the user.

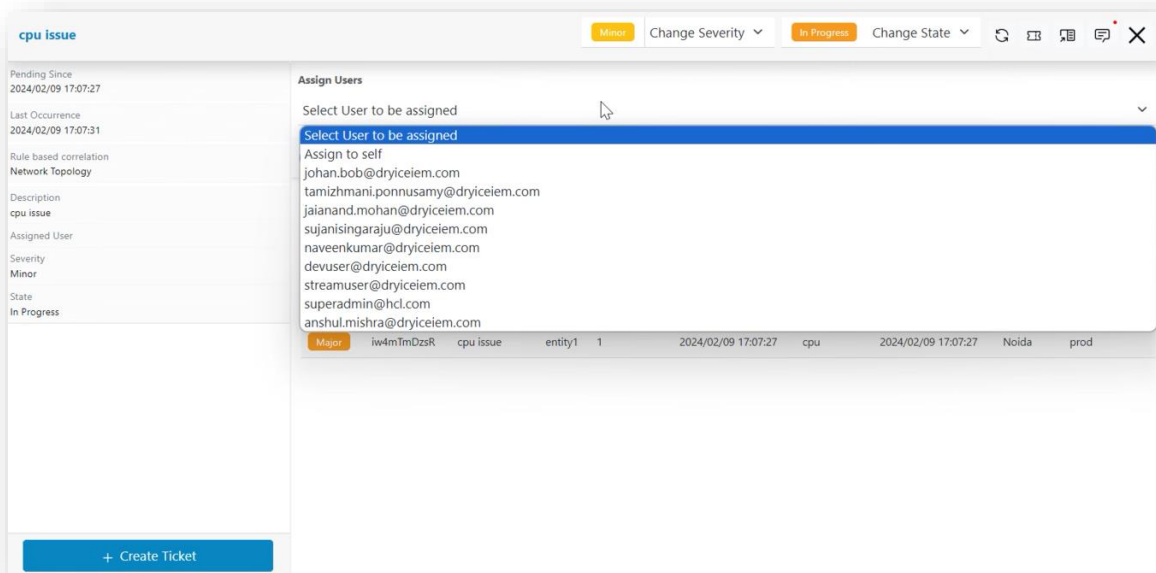


Figure 44 – Assign Actionable to Another User

3.2.4.13 Save Actionable

The steps explain how to save actionable data.

1. In the top navigation bar, click on Data View and click on Actionable.
2. Click on Save icon to save Actionable.

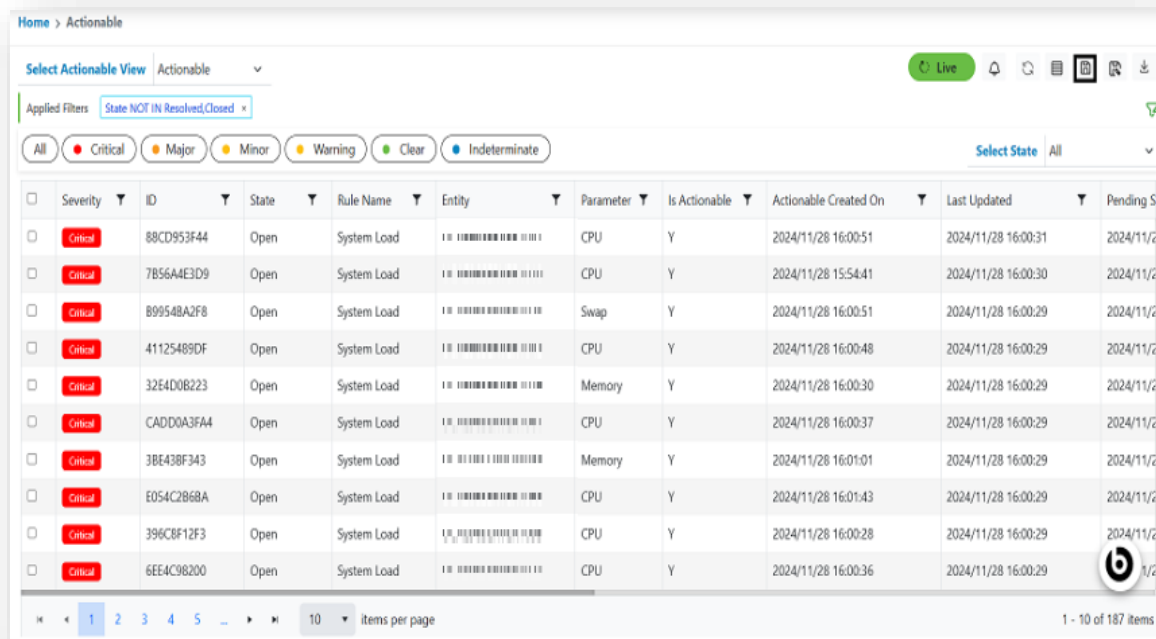


Figure 45 – Save Actionable

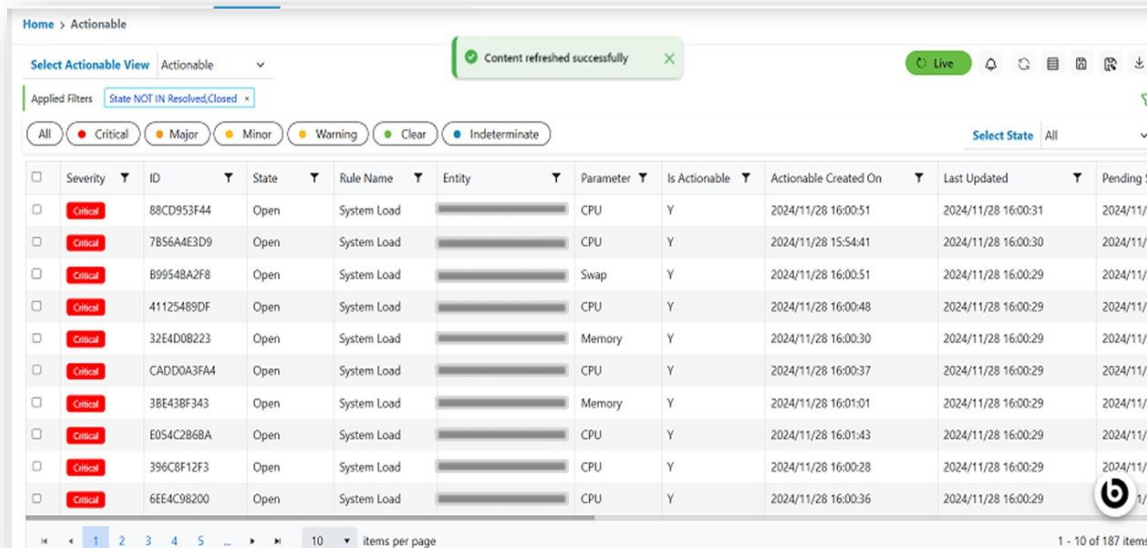
3. The confirmation message popup appears on the screen.
4. Click Confirm. A successful pop will appear, and the grid will be updated accordingly, and the saved Actionable data starts appearing in the grid.

3.2.4.15 Refresh Actionable

This option will enable user to refresh data grid to populate latest actionable data over screen.

Please follow the steps below to refresh the alerts grid:

1. In the top navigation bar, click on Data View and click on alerts.
2. Once the user clicks on Refresh button, confirmation pop up message will appear.



The screenshot shows the 'Actionable' data grid interface. At the top, there is a green notification bar that says 'Content refreshed successfully'. Below the notification bar, there is a 'Live' button and a 'Refresh' button. The grid displays a list of actionable items with columns for Severity, ID, State, Rule Name, Entity, Parameter, Is Actionable, Actionable Created On, Last Updated, and Pending S. The grid is filtered by 'State NOT IN Resolved,Closed'. The grid shows 10 items per page, and the total number of items is 187.

Severity	ID	State	Rule Name	Entity	Parameter	Is Actionable	Actionable Created On	Last Updated	Pending S
Critical	88CD953F44	Open	System Load		CPU	Y	2024/11/28 16:00:51	2024/11/28 16:00:31	2024/11/28 16:00:31
Critical	7B56A4E3D9	Open	System Load		CPU	Y	2024/11/28 15:54:41	2024/11/28 16:00:30	2024/11/28 16:00:30
Critical	B99548A2F8	Open	System Load		Swap	Y	2024/11/28 16:00:51	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	41125489DF	Open	System Load		CPU	Y	2024/11/28 16:00:48	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	32E4D0B223	Open	System Load		Memory	Y	2024/11/28 16:00:30	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	CADD0A3FA4	Open	System Load		CPU	Y	2024/11/28 16:00:37	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	3BE43BF343	Open	System Load		Memory	Y	2024/11/28 16:01:01	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	E054C2B68A	Open	System Load		CPU	Y	2024/11/28 16:01:43	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	396C8F12F3	Open	System Load		CPU	Y	2024/11/28 16:00:28	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	6EE4C98200	Open	System Load		CPU	Y	2024/11/28 16:00:36	2024/11/28 16:00:29	2024/11/28 16:00:29

Figure 48 – Refresh time for Actionable

3.2.4.16 Live Actionable Data

This option will enable users to stop/start live update of data being shown in grid. Please follow the steps below to enable/disable Live actionable.

1. In the top navigation bar, click on Data View and click on actionable.
2. Users can see the Live Actionable Data, and this will be updated regularly.
3. To stop live data update, please click on Live button, it stops updating the live actionable data, a confirmation message will appear, stating that "Auto – refresh has been disabled."

Home > Actionable

Select Actionable View | Actionable

Applied Filters: State NOT IN Resolved,Closed

All Critical Major Minor Warning Clear Indeterminate

Select State All

Severity	ID	State	Rule Name	Entity	Parameter	Is Actionable	Actionable Created On	Last Updated	Pending S
Critical	88CD953F44	Open	System Load	CPU	CPU	Y	2024/11/28 16:00:51	2024/11/28 16:00:31	2024/11/28 16:00:31
Critical	7B56A4E3D9	Open	System Load	CPU	CPU	Y	2024/11/28 15:54:41	2024/11/28 16:00:30	2024/11/28 16:00:30
Critical	B9954BA2F8	Open	System Load	Swap	Swap	Y	2024/11/28 16:00:51	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	41125489DF	Open	System Load	CPU	CPU	Y	2024/11/28 16:00:48	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	32E4D08223	Open	System Load	Memory	Memory	Y	2024/11/28 16:00:30	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	CADD0A3FA4	Open	System Load	CPU	CPU	Y	2024/11/28 16:00:37	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	3BE438F343	Open	System Load	Memory	Memory	Y	2024/11/28 16:01:01	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	E054C2868A	Open	System Load	CPU	CPU	Y	2024/11/28 16:01:43	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	396C8F12F3	Open	System Load	CPU	CPU	Y	2024/11/28 16:00:28	2024/11/28 16:00:29	2024/11/28 16:00:29
Critical	6EE4C98200	Open	System Load	CPU	CPU	Y	2024/11/28 16:00:36	2024/11/28 16:00:29	2024/11/28 16:00:29

1 - 10 of 187 items

Figure 49 - Live Actionable Data

3.2.4.17 Related Alerts

This option will enable user to see related alerts for selected actionable to see what all alerts have been combined to create an actionable.

1. In the top navigation bar, click on Data View and click on actionable.
2. Click on a particular actionable on Data View-Alert screen, then it will populate list of related alerts as shown below in figure.

Free disk space is less than 15% of vol...

Minor Change Severity Assign Change State

Pending Since: 2024/12/26 14:57:00

Last Occurrence: 2024/12/26 14:57:00

Rule based correlation: mergeindexist_dashboard

Description: Free disk space is less than 15% of volume C: on server AZRMTSVPMYXNP1 - 10.1.1.17. Last data is 15.06 % memory "utilization/" is high about to 90%, on "10.1.10.11" and "server 21/

Assigned User: chatuserb@hcl.com

Severity: Minor

State: Assigned

Assign Users

Select User to be assigned

Alerts Topology Service Hierarchy Timelines Activities Comments Historical Data Related Tickets Chat Room

Severity	ID	Last Updated
Minor	...	2024/12/26 15:55:00
Minor	...	2024/12/26 15:55:00
Minor	...	2024/12/26 15:50:00

1 - 3 of 3 items

Figure 50 - Actionable Related Alerts

3.2.4.18 Topology

HCL IEM provides topology hierarchy view for entity corresponding to which actionable got created. This enables operators to understand what other entities can be impacted on due to this. Please follow the steps below to access the topology tab:

1. Click on a particular actionable on Data View-Actionable screen, a pop-up window will open that will show all information like related alerts, related changes, related problems, timeline view, topology view, service topology view etc.
2. Click on the topology tab present in the actionable popup.
3. Topology provides visualization of entities relationships along with their impact based on current events in system.
4. Impacted entities can be highlighted as per configured color codes based on level of impact on Impacted entities.

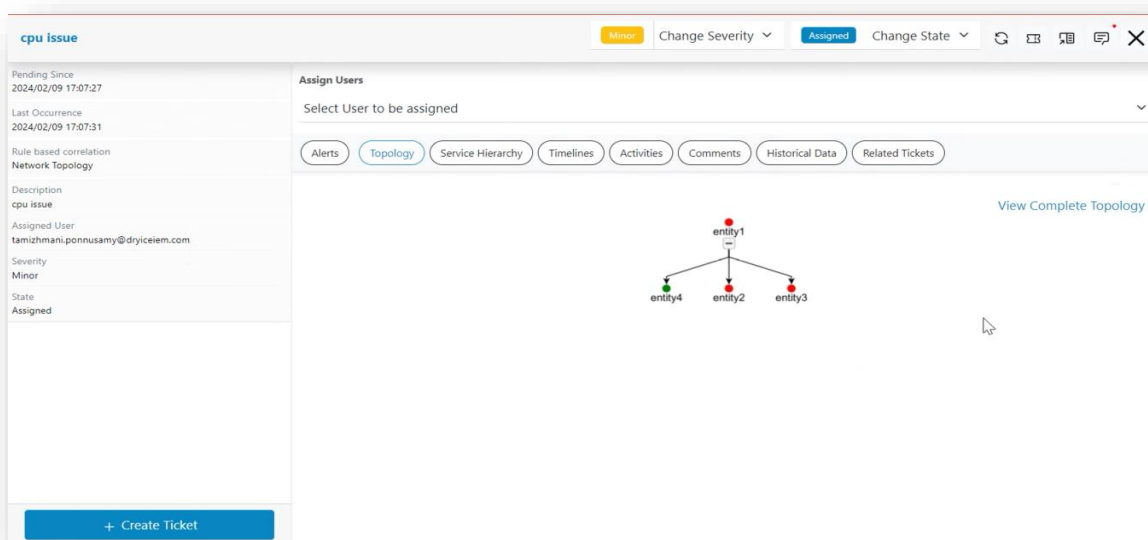


Figure 51 – Topology

3.2.4.19 Update Ticket

The steps explain how to update tickets for actionable data.

1. Click on an actionable on data view-actionable screen, then go to pop up open for the actionable.
2. Click on the update ticket icon present in the actionable popup.

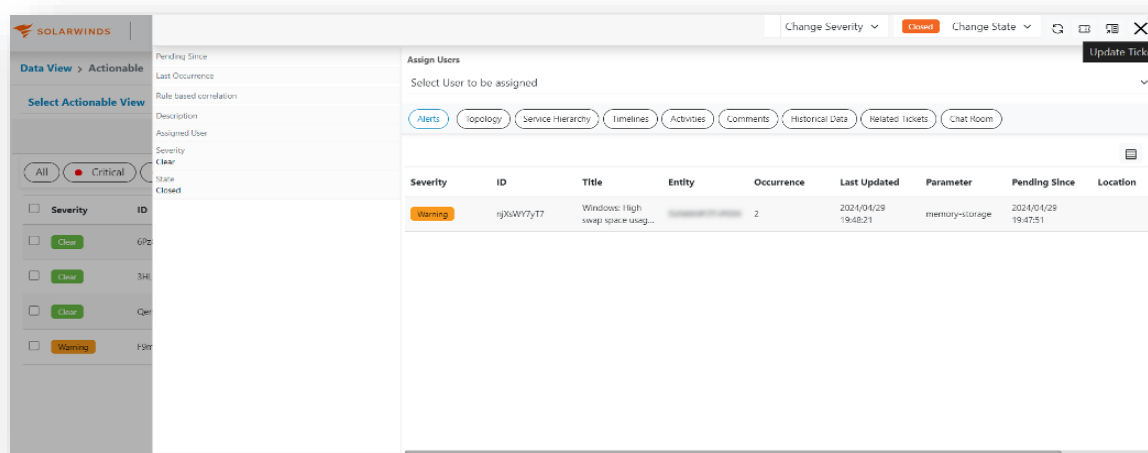


Figure 52 – Update Ticket

3. On clicking the update ticket icon, a confirmation message pops-up appears on the screen.

- Click on the Confirm button. A success message pops up as shown in the following figure:

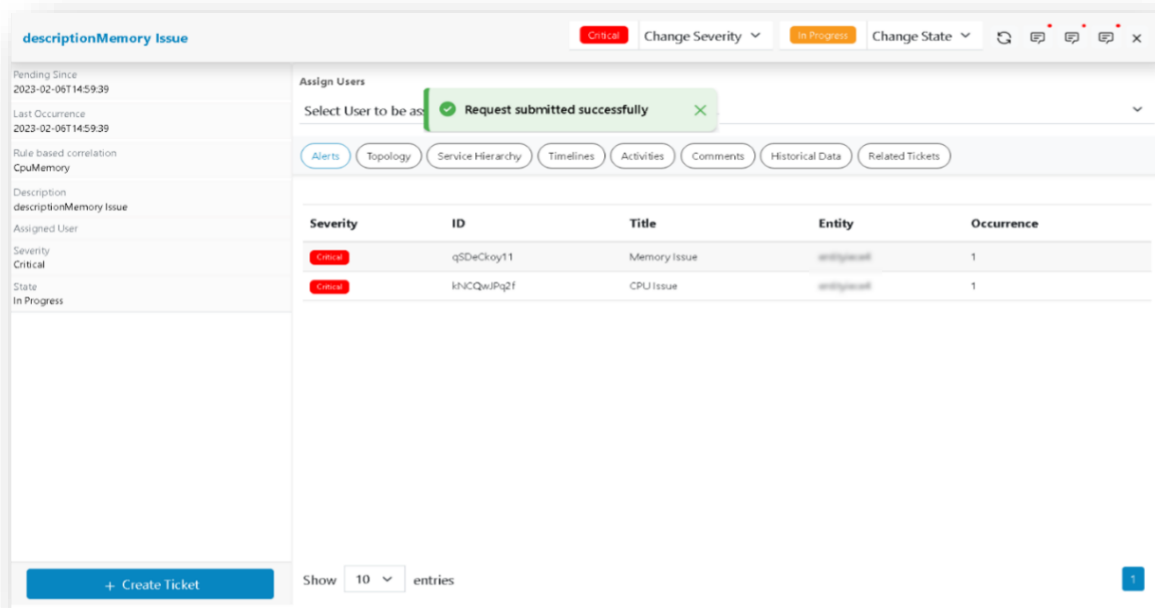


Figure 53 – Alert Message of Update Ticket

3.2.4.20 Update Work Notes

The steps Explain how to view Update Work Notes for actionable data

- Click on an actionable on Data View-Actionable screen, then go to pop up open for the actionable.
- Click on the Update Work Notes icon present in the actionable popup.

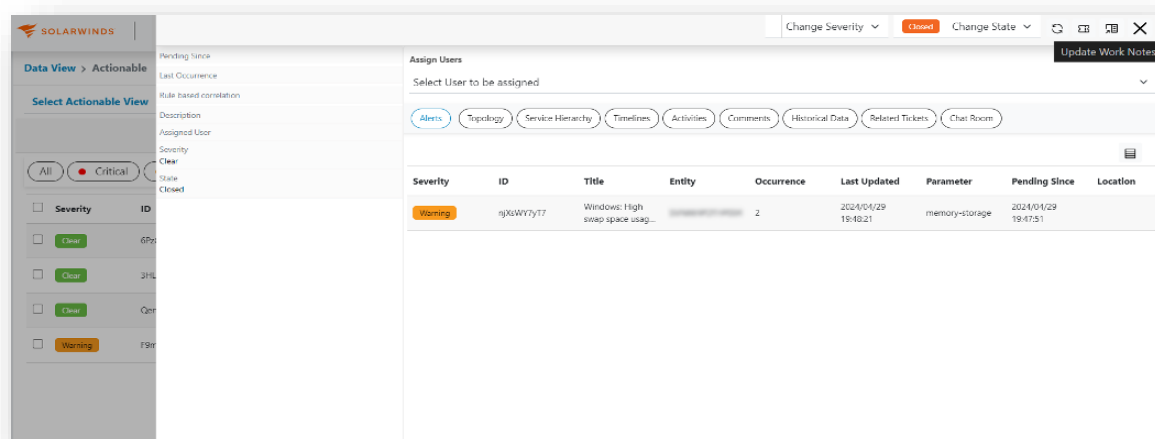


Figure 54 – Update Work Notes

- Click the Update Work Notes icon, a confirmation pop-up message appears on the screen.
- Click on the Confirm button.

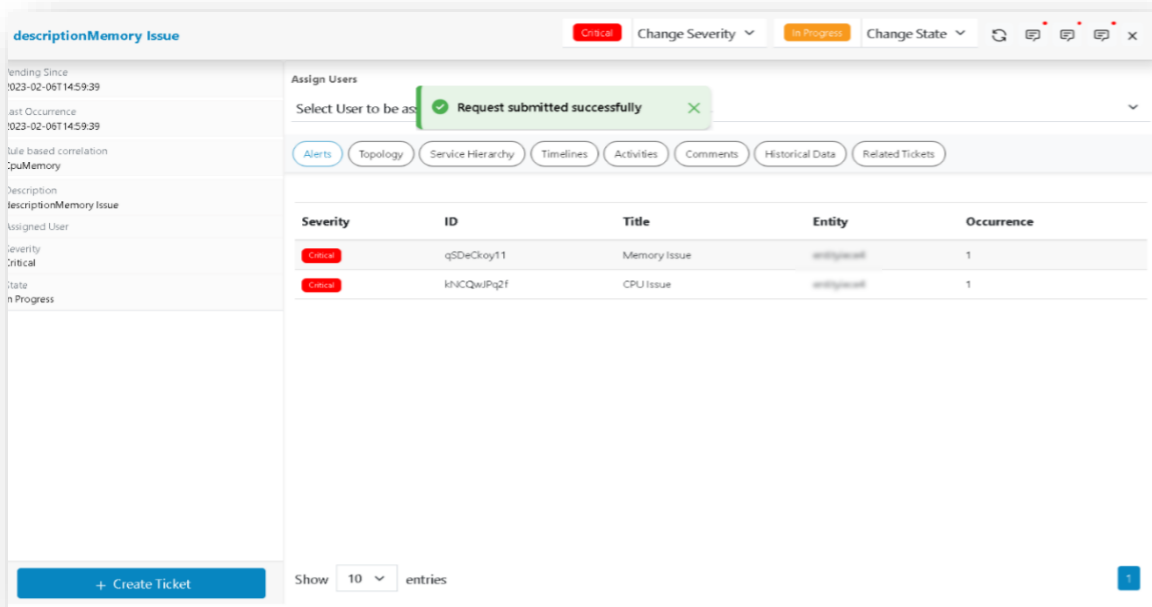


Figure 55 – Alert Message of Update work Notes

3.2.4.21 Create Ticket

HCL IEM enables operators to create tickets if not created automatically as part of configured correlation rule. Please take steps to create a ticket for an actionable in HCL IEM.

1. Click on a particular actionable on Data View-Actionable screen, then go to pop up open for the actionable.
2. Click on the + create ticket icon present in the actionable popup.

Only operators with relevant roles would be able to create tickets in SNOW.

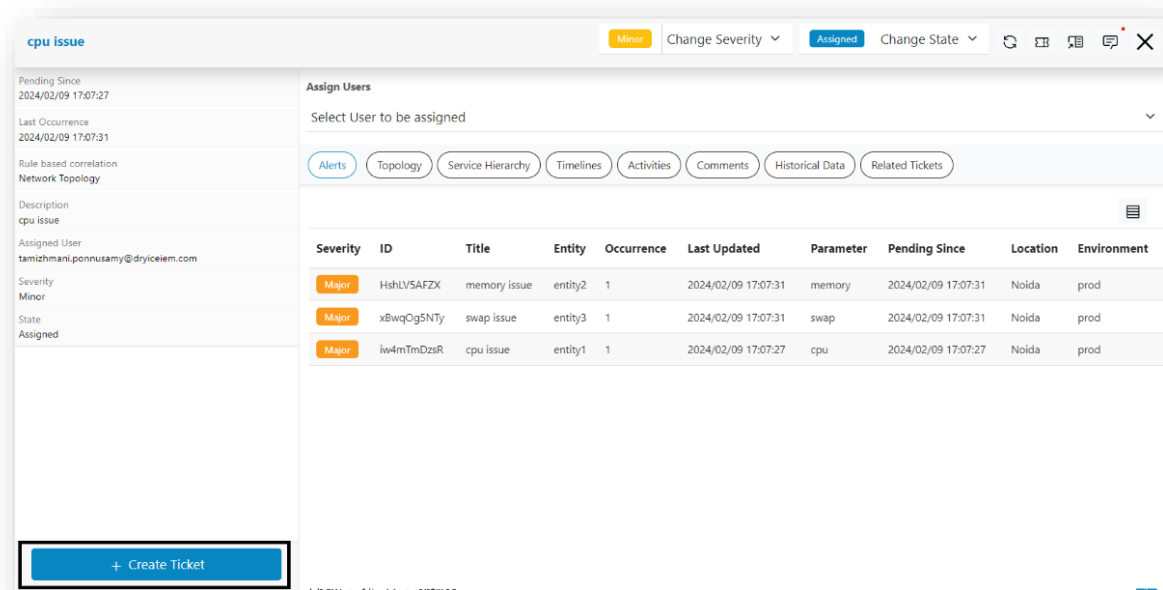


Figure 56 – Create Ticket

3. A confirmation pop up message appears on the screen.

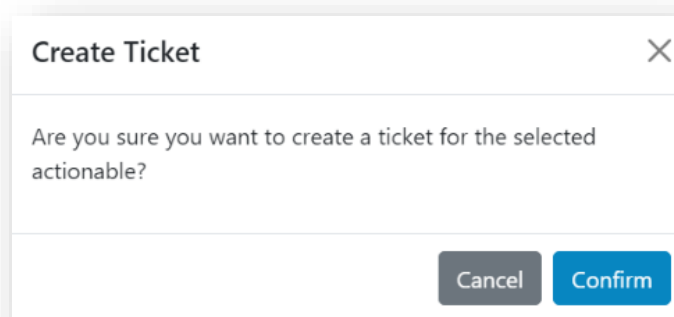



Figure 57 – Create Ticket Confirmation

- Users can Create Ticket to an actionable by clicking on the confirm button.

3.2.4.22 Download CSV

This section provides users with downloading CSV data of records based on the filter they apply to the records of the events screen. User can download the csv files with a maximum of 1000 records.

- In the top navigation bar, click on Data View and click on Alerts.
- Apply the filters as per the requirement.
- Click on the download csv  action button.
- Check the downloads in the system, the CSV files downloaded.

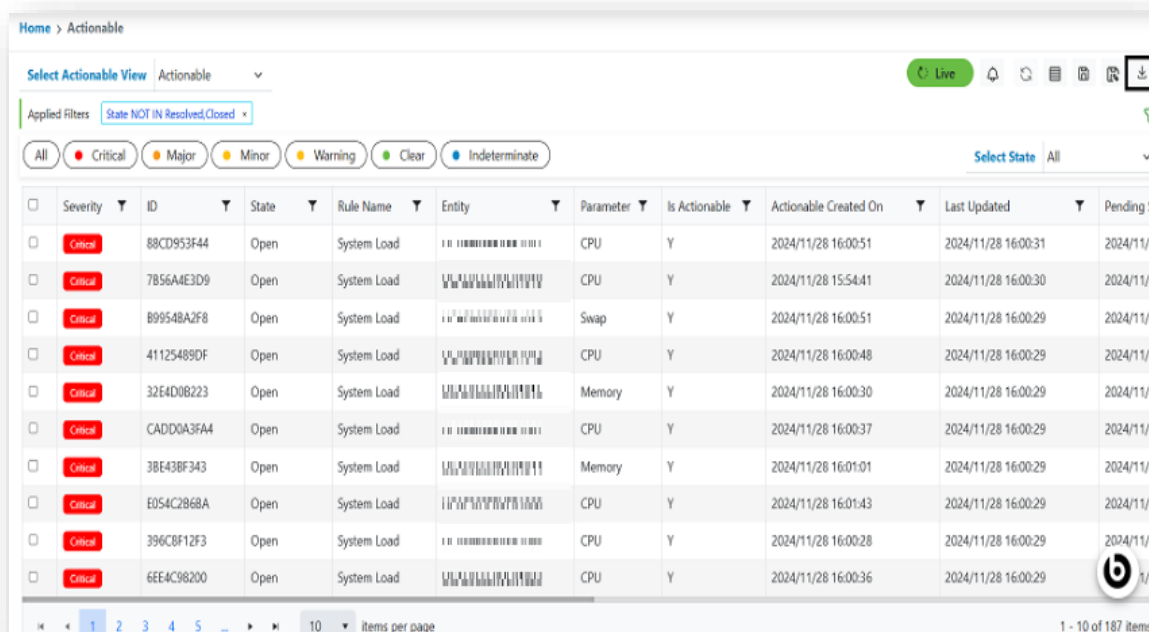


Figure 58 – Download CSV for Actionable

3.2.4.23 Apply Filters

This option will enable users to apply filters over the currently opened view to see data of specific values. For example, to see lists of critical actionable, users can set filters over severity columns of Actionable data. Please follow the steps below to apply filters:

- In the top navigation bar, click on Data View and click on actionable.

2. Click on the filter option as shown in figure.

Home > Actionable

Select Actionable View Actionable

Applied Filters State NOT IN Resolved,Closed

All Critical Major Minor Warning Clear Indeterminate

Select State All

<input type="checkbox"/>	Severity	ID	State	Rule Name	Entity	Parameter	Is Actionable	Actionable Created On	Last Updated	Pending S
<input type="checkbox"/>	Critical	88CD953F44	Open	System Load		CPU	Y	2024/11/28 16:00:51	2024/11/28 16:00:31	2024/11/28 16:00:31
<input type="checkbox"/>	Critical	7856A4E3D9	Open	System Load		CPU	Y	2024/11/28 15:54:41	2024/11/28 16:00:30	2024/11/28 16:00:30
<input type="checkbox"/>	Critical	B99548A2F8	Open	System Load		Swap	Y	2024/11/28 16:00:51	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	41125489DF	Open	System Load		CPU	Y	2024/11/28 16:00:48	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	32E4D0B223	Open	System Load		Memory	Y	2024/11/28 16:00:30	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	CADD0A3FA4	Open	System Load		CPU	Y	2024/11/28 16:00:37	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	3BE43BF343	Open	System Load		Memory	Y	2024/11/28 16:01:01	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	E054C2B68A	Open	System Load		CPU	Y	2024/11/28 16:01:43	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	396C8F12F3	Open	System Load		CPU	Y	2024/11/28 16:00:28	2024/11/28 16:00:29	2024/11/28 16:00:29
<input type="checkbox"/>	Critical	6EE4C98200	Open	System Load		CPU	Y	2024/11/28 16:00:36	2024/11/28 16:00:29	2024/11/28 16:00:29

1 - 10 of 187 items

Figure 59 –Filter Operation

3. A filter screen will come up which enables users to select field and corresponding operator along with value to filter data as shown in figure.

Home > Actionable

Select Actionable View Actionable

Applied Filters State NOT IN Resolved,Closed

All Critical Major Minor Warning Clear Indeterminate

Select State All

<input type="checkbox"/>	Severity	ID	State	Rule Name	Entity	Parameter	Is Actionable	Actionable Created On	Last Updated	Pending S
<input type="checkbox"/>	Critical	Operator		System Load		Memory Alert	Y	2024/11/28 16:20:23	2024/11/28 16:19:30	
<input type="checkbox"/>	Critical	Like		System Load		Swap	Y	2024/11/28 16:11:27	2024/11/28 16:11:16	
<input type="checkbox"/>	Critical	Value		System Load		CPU	Y	2024/11/28 16:11:32	2024/11/28 16:11:16	
<input type="checkbox"/>	Critical	Critical		System Load		Memory	Y	2024/11/28 16:11:36	2024/11/28 16:11:16	
<input type="checkbox"/>	Critical	Apply		System Load		Memory	Y	2024/11/28 16:11:17	2024/11/28 16:11:16	
<input type="checkbox"/>	Critical	02F3ADE1EB	Open	System Load		Swap	Y	2024/11/28 16:11:24	2024/11/28 16:11:16	
<input type="checkbox"/>	Critical	7C223066CE	Open	System Load		Memory	Y	2024/11/28 16:11:27	2024/11/28 16:11:16	
<input type="checkbox"/>	Critical	068F3296E8	Open	System Load		Memory	Y	2024/11/28 16:11:25	2024/11/28 16:11:16	
<input type="checkbox"/>	Critical	6069AB8183	Open	System Load		CPU	Y	2024/11/28 16:11:24	2024/11/28 16:11:16	
<input type="checkbox"/>	Critical	D6585ADC2C	Open	System Load		Memory	Y	2024/11/28 16:11:20	2024/11/28 16:11:16	

1 - 10 of 304 items

Figure 60 – More Filter Operation

Severity	ID	State	Rule Name	Entity	Parameter	Is Actionable	Actionable Created On	Last Updated
Critical	0B637698E8	Open	System Load		CPU	Y	2024/11/28 16:24:50	2024/11/28 16:24:54
Critical	335E96D93D	Open	System Load		Swap	Y	2024/11/28 16:24:46	2024/11/28 16:24:52
Critical	27F3AE10CF	Open	System Load		Memory Alert	Y	2024/11/28 16:20:23	2024/11/28 16:19:30
Critical	B500294EFC	Open	System Load		Memory	Y	2024/11/28 16:11:35	2024/11/28 16:11:16
Critical	D65B5ADCC2	Open	System Load		Memory	Y	2024/11/28 16:11:20	2024/11/28 16:11:16
Critical	068F3296E8	Open	System Load		Memory	Y	2024/11/28 16:11:25	2024/11/28 16:11:16
Critical	71C2C78B47	Open	System Load		CPU	Y	2024/11/28 16:11:32	2024/11/28 16:11:16
Critical	E56D14247D	Open	System Load		Memory	Y	2024/11/28 16:11:17	2024/11/28 16:11:16
Critical	DB997420B0	Open	System Load		Memory	Y	2024/11/28 16:11:36	2024/11/28 16:11:16
Critical	02F3ADE1EB	Open	System Load		Swap	Y	2024/11/28 16:11:24	2024/11/28 16:11:16

Figure 61 – More Filter Operation

- Users can see the result of applied filter.

Severity	ID	State	Rule Name	Entity	Parameter	Is Actionable	Actionable Created On	Last Updated
Critical	C09AB9860C	Open	System Load		Memory	Y	2024/11/28 16:24:56	2024/11/28 16:25:02
Critical	A4938E257C	Open	System Load		Swap	Y	2024/11/28 16:25:48	2024/11/28 16:25:02
Critical	683538F9F8	Open	System Load		Memory	Y	2024/11/28 16:25:44	2024/11/28 16:25:01
Critical	723F03EDE8	Open	System Load		CPU	Y	2024/11/28 16:25:46	2024/11/28 16:25:01
Critical	EAE73E2FF0	Open	System Load		Swap	Y	2024/11/28 16:25:15	2024/11/28 16:25:01
Critical	8433D93A89	Open	System Load		Swap	Y	2024/11/28 16:25:13	2024/11/28 16:25:01
Critical	B1E655D7DA	Open	System Load		Swap	Y	2024/11/28 16:25:07	2024/11/28 16:25:01
Critical	8F13AE2BE0	Open	System Load		Swap	Y	2024/11/28 16:25:12	2024/11/28 16:25:00
Critical	8A916DF1CD	Open	System Load		Memory	Y	2024/11/28 16:24:58	2024/11/28 16:24:59
Critical	963B41C681	Open	System Load		Memory	Y	2024/11/28 16:25:08	2024/11/28 16:24:59

Figure 45 – Select State Operation

3.2.5 All Events View

All Events View includes a grid which contains all events data that is coming to the system. It includes noise events as well as non-noise events.

Please follow below steps to view All Events data:

- In the top navigation bar, click on Data View and click on All Events.
- All Events data will be displayed for the customer to which user is part of.

Severity	ID	Entity	Parameter	Event Time	Last Updated	Title
Warning	27b9f949-8440-46d4-98f7-915709d42...		system	2024/11/28 16:27:30	2024/11/28 16:26:34	Linux: System time is out of sync (diff ...
Critical	77425260-aac6-4358-a5dc-7e415ce60...		Memory Alert	2024/11/28 16:27:16	2024/11/28 16:27:52	Memory Utilization on the node SVAL...
Critical	89b32672-7ec4-426f-8b7e-7cb2f9e08...		Memory Alert	2024/11/28 16:27:10	2024/11/28 16:27:52	Memory Utilization on the node SVAL...
Clear	e311436b-991a-43fc-aea-2b09c5021...		system	2024/11/28 16:26:29	2024/11/28 16:25:34	Linux: System time is out of sync (diff ...
Critical	1b481240-089d-43da-b5c2-1a46e4f8...		Memory Alert	2024/11/28 16:26:09	2024/11/28 16:25:52	Memory Utilization on the node SVAL...
Critical	02480aed-0ae7-40c5-b9ce-d866c2ae...		Swap	2024/11/28 16:25:17	2024/11/28 16:25:17	Swap utilization is above the threshol...
Critical	ccd75c0b-c835-4c46-b865-394c653d...		CPU	2024/11/28 16:25:17	2024/11/28 16:25:17	CPU utilization is above the threshold...
Critical	6458440d-fbab-43ec-ab00-e52fb2315...		Disk	2024/11/28 16:25:17	2024/11/28 16:25:17	Disk utilization is above the threshold...
Critical	8d95dc69-c52f-4de7-b47a-3e7f8fb91...		Disk	2024/11/28 16:25:17	2024/11/28 16:25:17	Disk utilization is above the threshold...
Critical	9199291f-09a4-45fe-8273-82a16e2c1...		Memory	2024/11/28 16:25:17	2024/11/28 16:25:17	Memory utilization is above the thresh...

Figure – All Events View

3.2.5.1 Add Column

This option will enable users to add more columns in the data grid to analyze it deeply. Please follow the steps below to add columns to data view.

1. In the top navigation bar, click on Data View and click on All Events.
2. Click on the Add Column action button present at right side of Live button.
3. A pop-up will open which enables user to select from list of available columns to add it in the grid as shown in figure. Then, click on save button to add selected columns in view.

Add Columns

Add More Columns

Sub Entity ID

Original Columns

Severity ID Entity Title Manager Primary Application Name Tool ID

Secondary Application Name Agent Event Time Mapped Entity ID Parameter Category

Parameter Location Environment Designation

Newly Added Columns

Sub Entity ID

Save Close

Figure 62 – Add Column

3.2.5.2 Save All Events

The steps provide information on how to save all events data.

1. In the top navigation bar, click on Data View and click on All Events.

2. User can click the save button.

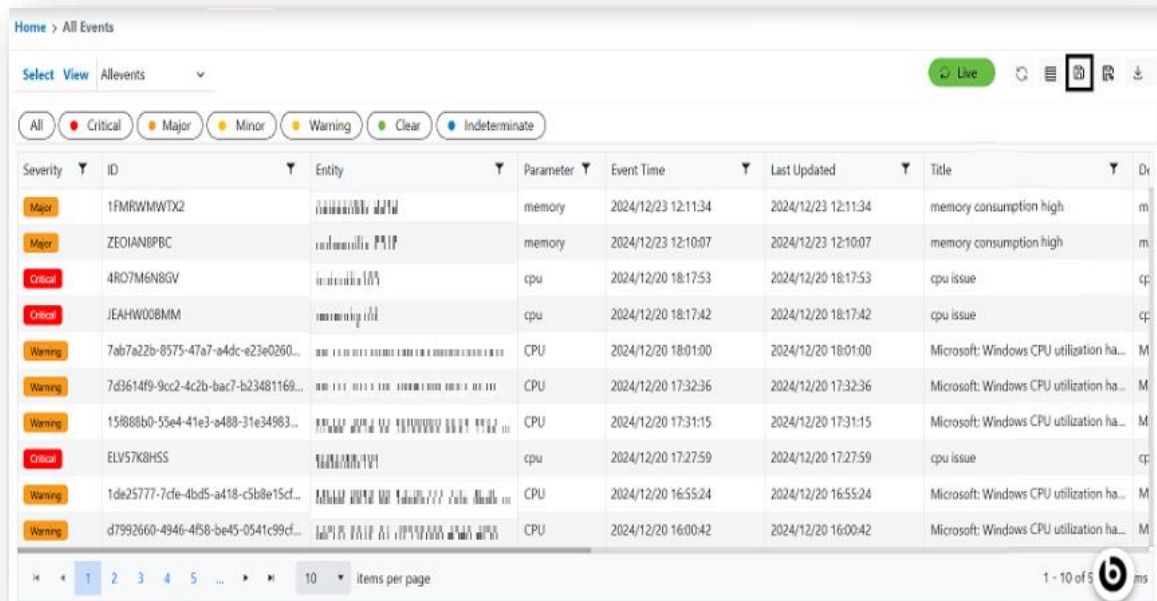


Figure 63 – Save All Events

3. After saving, the all-event data appears in the grid and a success popup appears on the screen.
4. On clicking the Confirm button, a success message appears on the screen.

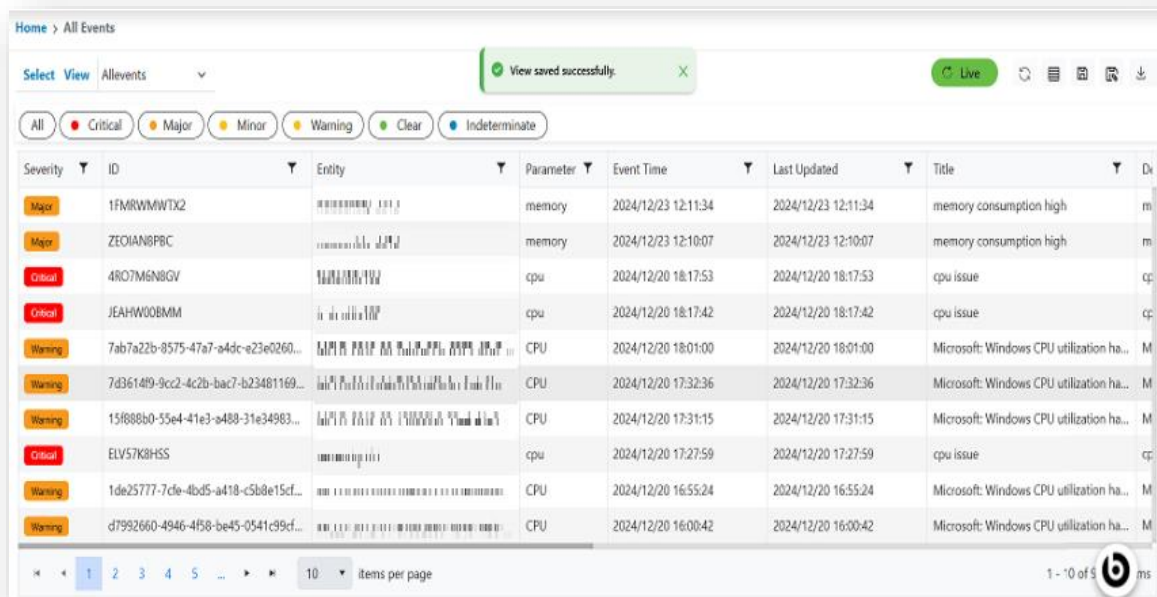
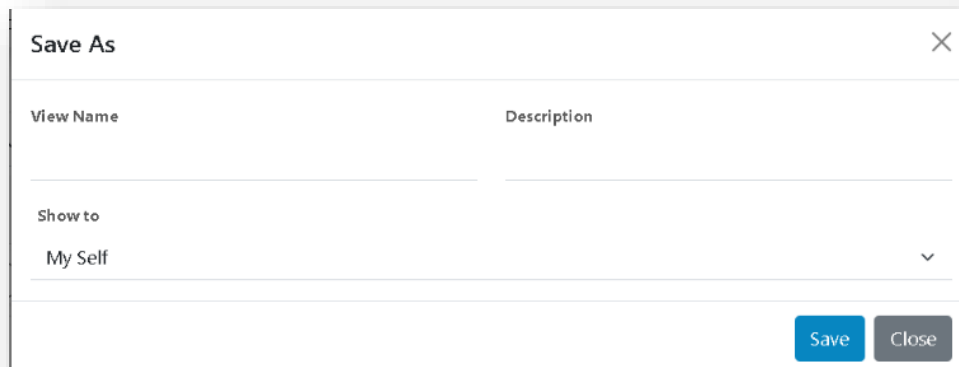


Figure 64 – All Events Message

3.2.5.3 Save As All Events

This option will enable users to save currently opened view with columns populated in data grid so that same view can be shown to any other user in an organization. It is very helpful for admins to configure this kind of view for other users in an organization by creating a different view other than the current view. For example, view to list out all events with critical severity only. Please follow the steps below to save as events:

1. In the top navigation bar, click on Data View and click on All Events.
2. Once the user can click the save as button, a pop-up will open to provide the following information:
 - **View Name:** name of view like critical events
 - **Description:** description of view like list all critical events
 - **Show to:** Either it will be visible to user who is saving it or to other users.



A 'Save As' dialog box with a close button (X) in the top right corner. It contains two input fields: 'View Name' and 'Description'. Below these is a 'Show to' section with a dropdown menu currently set to 'My Self'. At the bottom right are 'Save' and 'Close' buttons.

Figure 65 – Save as Events

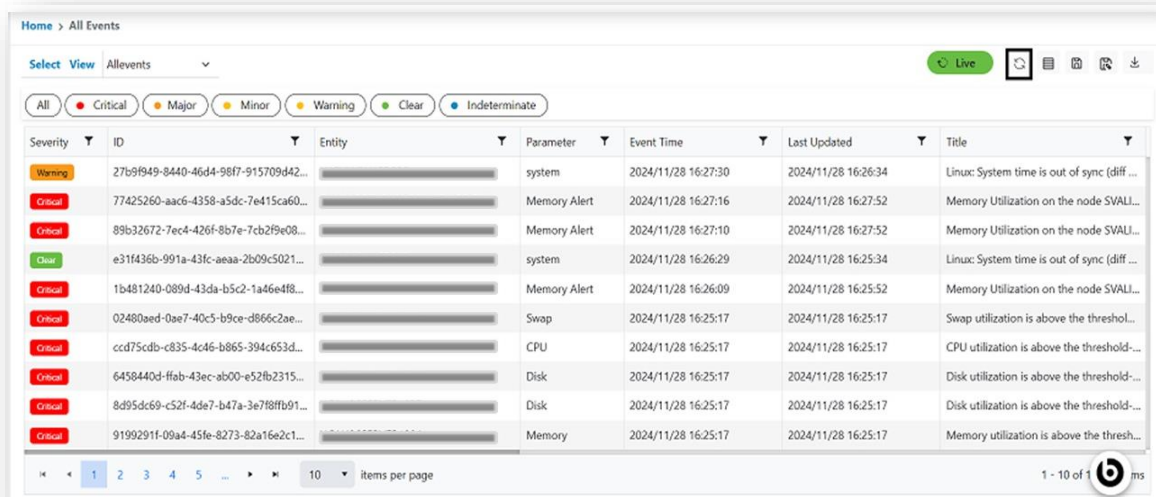
3. Next, click on the save button to save view and this view will be available on a list for users.

3.2.5.4 Refresh All Events

This option will enable users to refresh data grid to populate latest data over screen.

Please follow the steps below to refresh events grid:

1. In the top navigation bar, click on Data View and click on All Events.
2. Once the user can click the Refresh button, confirmation pop up message will appear.



The screenshot shows the 'All Events' page. At the top right, there is a 'Live' button (green) and a 'Refresh' button (circular arrow icon). Below the table, there is a pagination bar showing '1 - 10 of 16 ms'.

Severity	ID	Entity	Parameter	Event Time	Last Updated	Title
Warning	27b9f949-8440-46d4-98f7-915709d42...		system	2024/11/28 16:27:30	2024/11/28 16:26:34	Linux: System time is out of sync (diff ...
Critical	77425260-aac6-4358-a5dc-7e415ca60...		Memory Alert	2024/11/28 16:27:16	2024/11/28 16:27:52	Memory Utilization on the node SVALI...
Critical	89b32672-7ec4-426f-8b7e-7cb2f9e08...		Memory Alert	2024/11/28 16:27:10	2024/11/28 16:27:52	Memory Utilization on the node SVALI...
Clear	e31f436b-991a-43fc-aeaa-2b09c5021...		system	2024/11/28 16:26:29	2024/11/28 16:25:34	Linux: System time is out of sync (diff ...
Critical	1b481240-089d-43da-b5c2-1a46e4f8...		Memory Alert	2024/11/28 16:26:09	2024/11/28 16:25:52	Memory Utilization on the node SVALI...
Critical	02480aed-0ae7-40c5-b9ce-d866c2ae...		Swap	2024/11/28 16:25:17	2024/11/28 16:25:17	Swap utilization is above the threshol...
Critical	ccd75cdb-c835-4c46-b865-394c653d...		CPU	2024/11/28 16:25:17	2024/11/28 16:25:17	CPU utilization is above the threshold-...
Critical	6458440d-f1eb-43ec-ab00-e52fb2315...		Disk	2024/11/28 16:25:17	2024/11/28 16:25:17	Disk utilization is above the threshold-...
Critical	8d95dc69-c52f-4de7-b47a-3e7f8fb91...		Disk	2024/11/28 16:25:17	2024/11/28 16:25:17	Disk utilization is above the threshold-...
Critical	9199291f-09a4-45fe-8273-82a16e2c1...		Memory	2024/11/28 16:25:17	2024/11/28 16:25:17	Memory utilization is above the thresh...

Figure 66 – Refresh All Events

3.2.5.5 Live All Events Data

This option will enable users to stop/start live update of data being shown in grid. Please follow the steps below to enable/disable live events.

1. In the top navigation bar, click on Data View and click on All Events.
2. Users can see the Live All Events Data, and this will be updated regularly, and automatically refresh the grid.

3.2.5.6 Apply Filters

This option will enable users to apply filters over the currently opened view to see data of specific values. For example, to see lists of critical events, users can set filters over severity columns of all events 'data.

Please follow the steps below to apply filters:

1. In the top navigation bar, click on Data View and click on All Events.
2. Click on the filter option present at right side of Live button as shown in figure.

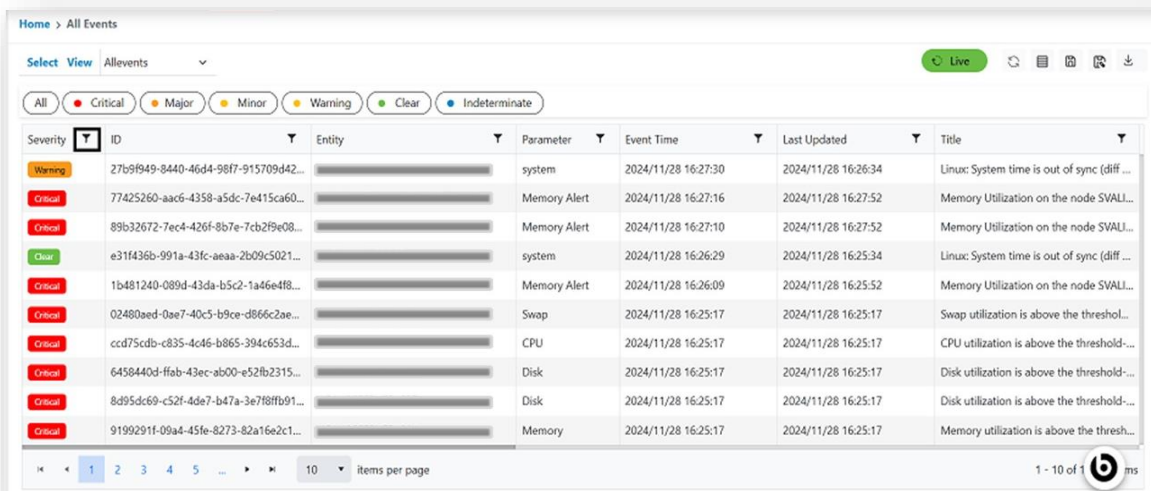


Figure 67 – Filter Operation

3. A filter screen will come up which enables user to select field and corresponding operator along with value to filter data.

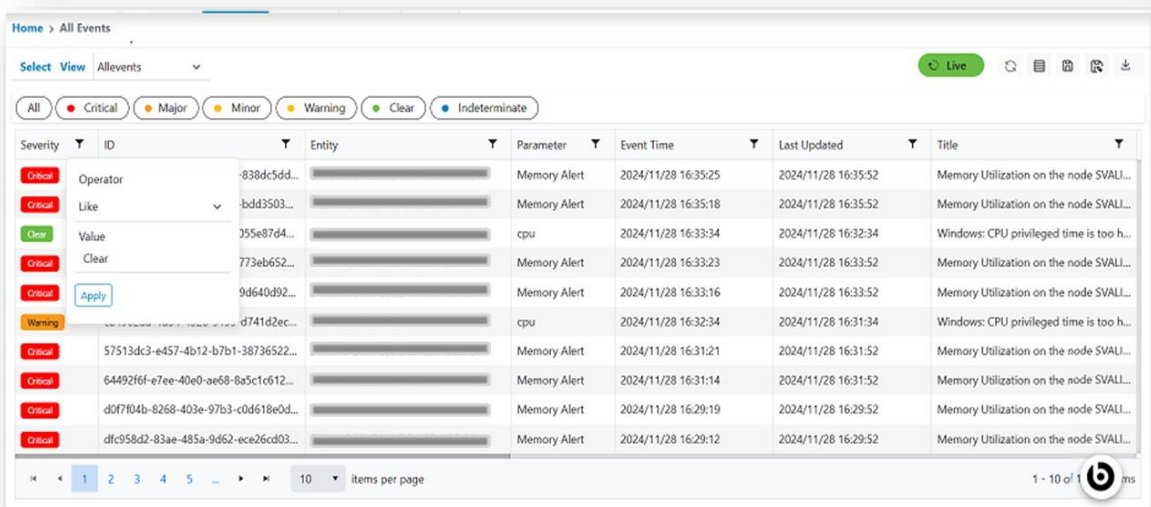


Figure 68 – Filter Operation

- Users can see the result of applied filter.

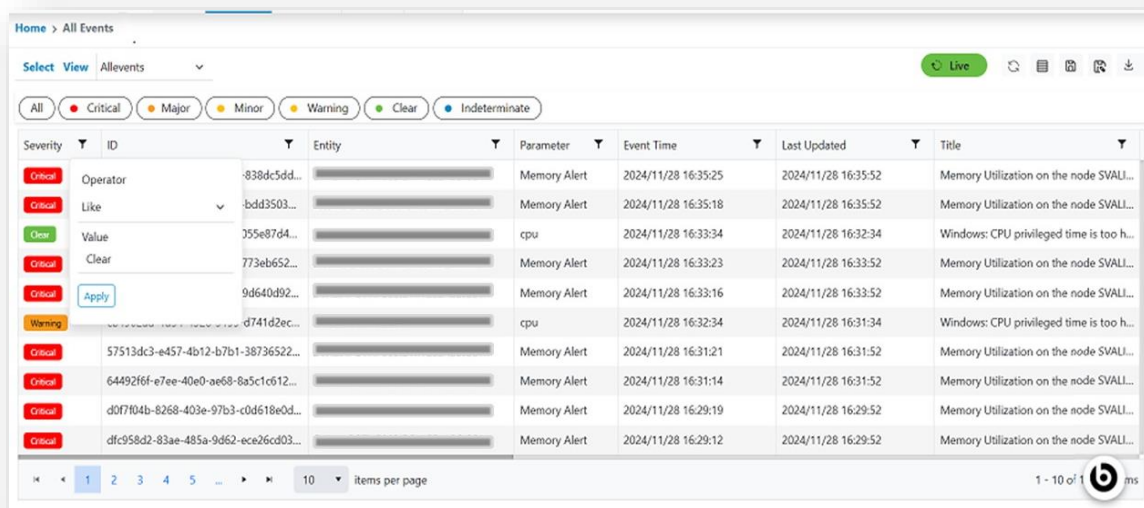



Figure 69 – Filter Operation

3.2.5.7 Download CSV

This section provides users with downloading CSV data of records based on the filter they apply to the records of the events screen. User can download the csv files with a maximum of 1000 records.

- In the top navigation bar, click on Data View and click on Alerts.
- Apply the filters as per the requirement.
- Click on the download csv  action button.
- Check the downloads in the system, the CSV files downloaded.

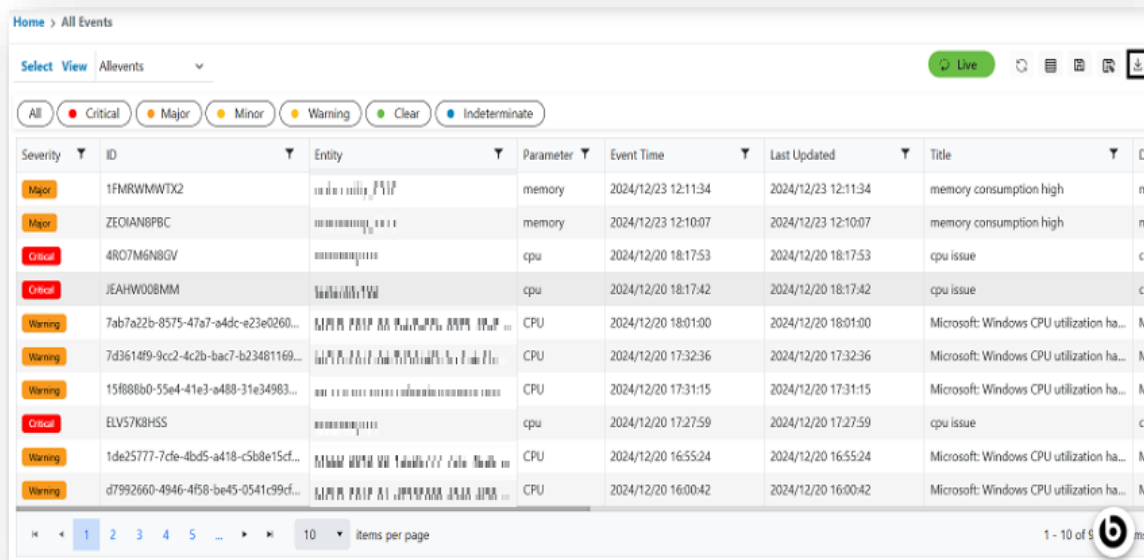


Figure 70 – Download CSV for All Events

3.2.6 Noise Events View

Noise Events View includes a grid which contains all the noise events in a single grid.

Please follow the steps below to view Noise Events data:

1. In the top navigation bar, click on Data View and click on Noise Events.
2. Noise Events data will be displayed for the customer to which user is part of.

Home > Noise Events

Select View Noise Events

Live

All Critical Major Minor Warning Clear Indeterminate

Severity	ID	Rule Name	Entity	Parameter	Event Created On	Event Time	Title
Critical	1FHUXMLI8	clickhousequerycheck3	test_custom_j1	memory issue	2024/11/25 17:00:30	2024/11/25 17:00:30	memory issue issue
Major	LHYWHJPXJP	severity_query	test_lowercases	memory issue	2024/11/23 01:35:35	2024/11/23 01:35:35	memory issue issue
Major	J13PVJ03Z5	severity_query	noisetest2	memory issue	2024/11/22 18:46:05	2024/11/22 18:46:05	memory issue issue
Major	QAUY2EOJ3R	severity_query	noisetest2	memory issue	2024/11/22 18:43:03	2024/11/22 18:43:03	memory issue issue
Critical	356RTEGF8I	noise_testing_2	noisetest2	memory issue	2024/11/21 19:13:57	2024/11/21 19:13:57	memory issue issue
Critical	XQ8LOIA6LS	noise_testing_2	noisetest2	memory issue	2024/11/21 19:13:16	2024/11/21 19:13:16	memory issue issue
Critical	D3OR3P7RWY	noise_testing_2	noisetest2	memory issue	2024/11/21 19:11:28	2024/11/21 19:11:28	memory issue issue
Critical	OQ1J0UCF9W	noise_testing_2	noisetest2	memory issue	2024/11/21 19:10:09	2024/11/21 19:10:09	memory issue issue
Critical	44ARK7TYX6	noise_testing_2	noisetest2	memory issue	2024/11/21 18:53:47	2024/11/21 18:53:47	memory issue issue
Critical	AMU16C01A0	maintenance on noise_testing	noise_testing	memory issue	2024/11/21 18:49:52	2024/11/21 18:49:52	memory issue issue

10 items per page 1 - 10 of 15 items

Figure 71 – Noise Events View

3.2.6.1 Add Column

This option will enable users to add more columns in the data grid to analyze it deeply. Please follow the steps below to add columns to data view.

1. In the top navigation bar, click on Data View and click on Noise Events.
2. Click on the Add Column action button present at right side of Live button.
3. A pop-up will open which enables user to select from list of available columns to add it in the grid as shown in figure. Then, click on save button to add selected columns in view.

Add Columns

Add More Columns

Sub Entity ID

Original Columns

Severity ID Entity Title Manager Primary Application Name Tool ID Secondary Application Name Agent Event Time Mapped Entity ID Parameter Category Parameter Location Environment Designation

Newly Added Columns

Sub Entity ID

Save Close

Figure 72 – Add Column

3.2.6.2 Save Noise Events

The steps provide information on how to save Noise Events data.

1. In the top navigation bar, click on Data View and click on Noise Events.
2. User can click the save button.

Home > Noise Events

Select View Noise Events

Live

All Critical Major Minor Warning Clear Indeterminate

Severity	ID	Rule Name	Entity	Parameter	Event Created On	Event Time	Title	Description
Major	ZEOIAN8PBC	noiseentity_2312_rule	noiseentity_2312	memory	2024/12/23 12:10:07	2024/12/23 12:10:07	memory consumption high	memory consumption high
Major	JAH4Q75A61	maintenance on usecase160.8	maintenance on usecase160.8	memory	2024/12/16 20:50:08	2024/12/16 20:50:08	memory consumption high	memory consumption high
Major	P2K9ZZSWKJ	maintenance on usecase160.8	maintenance on usecase160.8	memory	2024/12/16 20:47:21	2024/12/16 20:47:21	memory consumption high	memory consumption high
Major	9QLO4AQ86P	maintenance on usecase160.8	maintenance on usecase160.8	memory	2024/12/16 20:46:55	2024/12/16 20:46:55	memory consumption high	memory consumption high

1 - 4 of 4 items

Figure 73 – Save Noise Events

3. After saving, the event data appears in the grid and a successful message appears on the screen.
4. On clicking the Confirm button, a success message will appear on the screen.

Home > Noise Events

Select View Noise Events

View saved successfully.

Live

All Critical Major Minor Warning Clear Indeterminate

Severity	ID	Rule Name	Entity	Parameter	Event Created On	Event Time	Title	Description
Major	ZEOIAN8PBC	noiseentity_2312_rule	noiseentity_2312	memory	2024/12/23 12:10:07	2024/12/23 12:10:07	memory consumption high	memory consumption high
Major	JAH4Q75A61	maintenance on usecase160.8	maintenance on usecase160.8	memory	2024/12/16 20:50:08	2024/12/16 20:50:08	memory consumption high	memory consumption high
Major	P2K9ZZSWKJ	maintenance on usecase160.8	maintenance on usecase160.8	memory	2024/12/16 20:47:21	2024/12/16 20:47:21	memory consumption high	memory consumption high
Major	9QLO4AQ86P	maintenance on usecase160.8	maintenance on usecase160.8	memory	2024/12/16 20:46:55	2024/12/16 20:46:55	memory consumption high	memory consumption high

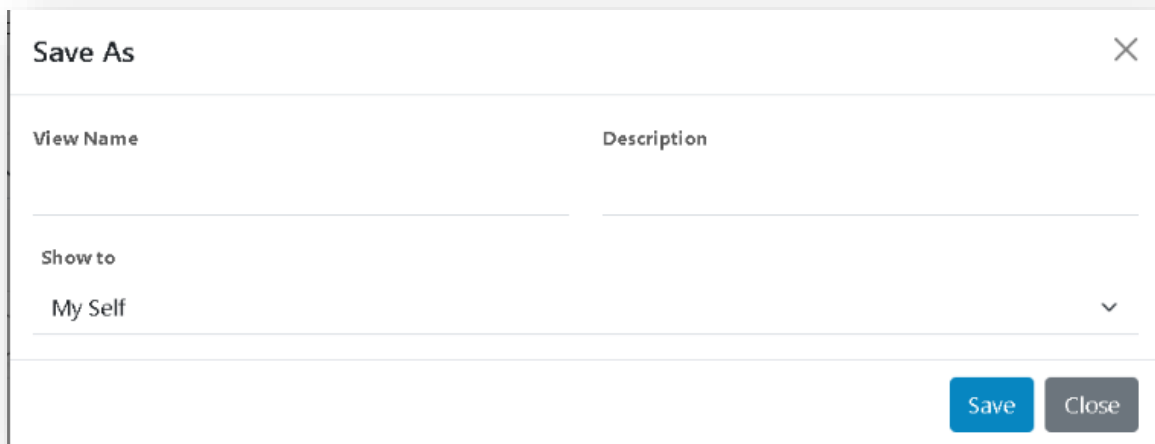
1 - 4 of 4 items

Figure 74 – Save Noise Events

3.2.6.3 Save As Noise Events

This option will enable users to save currently opened view with columns populated in data grid so that same view can be shown to any other user in an organization. It is very helpful for admins to configure this kind of view for other users in an organization by creating a different view other than the current view. For example, a view to list out noise events with critical severity only. Please follow the steps below to save as events:

1. In the top navigation bar, click on Data View and click on Noise Events.
2. Once the user can click the save as button, a pop-up will open to provide the following information:
 - **View Name:** name of view like critical noise events
 - **Description:** description of view like list all critical noise events
 - **Show to:** Either it will be visible to user who is saving it or to other users.



Save As

View Name	Description
My Self	

Show to

Save Close

Figure 75 – Save as Events

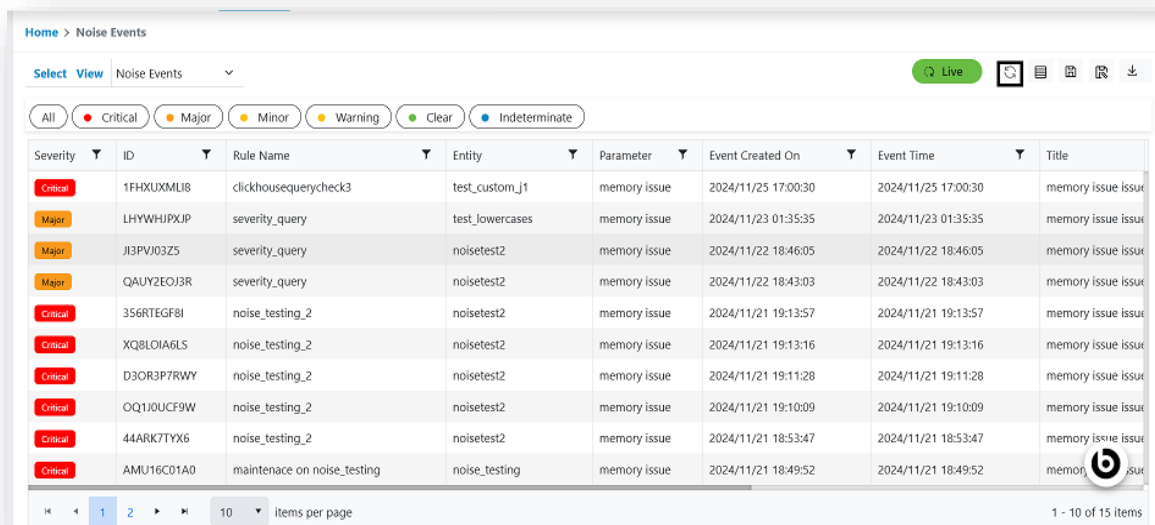
- Next, click on the save button to save view and this view will be available on a list for users.

3.2.6.4 Refresh Noise Events

This option will enable users to refresh data grid to populate latest data over screen.

Please follow the steps below to refresh noise events grid:

- In the top navigation bar, click on Data View and click on Noise Events.
- Once the user can click the Refresh button, confirmation pop up message will appear.



Home > Noise Events

Select View Noise Events

Live

All Critical Major Minor Warning Clear Indeterminate

Severity	ID	Rule Name	Entity	Parameter	Event Created On	Event Time	Title
Critical	1FHUXMLU8	clickhousequerycheck3	test_custom_j1	memory issue	2024/11/25 17:00:30	2024/11/25 17:00:30	memory issue issue
Major	LHYWHJPXJP	severity_query	test_lowercases	memory issue	2024/11/23 01:35:35	2024/11/23 01:35:35	memory issue issue
Major	J13PVJ03Z5	severity_query	noisetest2	memory issue	2024/11/22 18:46:05	2024/11/22 18:46:05	memory issue issue
Major	QAU72EOJ3R	severity_query	noisetest2	memory issue	2024/11/22 18:43:03	2024/11/22 18:43:03	memory issue issue
Critical	356RTEGF8I	noise_testing_2	noisetest2	memory issue	2024/11/21 19:13:57	2024/11/21 19:13:57	memory issue issue
Critical	XQ8LOIA6LS	noise_testing_2	noisetest2	memory issue	2024/11/21 19:13:16	2024/11/21 19:13:16	memory issue issue
Critical	D3OR3P7RWY	noise_testing_2	noisetest2	memory issue	2024/11/21 19:11:28	2024/11/21 19:11:28	memory issue issue
Critical	OQ1J0UCF9W	noise_testing_2	noisetest2	memory issue	2024/11/21 19:10:09	2024/11/21 19:10:09	memory issue issue
Critical	44ARK7TYX6	noise_testing_2	noisetest2	memory issue	2024/11/21 18:53:47	2024/11/21 18:53:47	memory issue issue
Critical	AMU16C01A0	maintenance on noise_testing	noise_testing	memory issue	2024/11/21 18:49:52	2024/11/21 18:49:52	memory issue issue

1 2 10 Items per page

1 - 10 of 15 items

Figure 76 – Refresh Noise Events

3.2.6.5 Live Noise Events Data

This option will enable users to stop/start live update of data being shown in grid. Please follow the steps below to enable/disable live noise events.

- In the top navigation bar, click on Data View and click on Noise Events.
- Users can see the Live Noise Events Data, and this will be updated regularly, and automatically refresh the grid.

Severity	ID	Rule Name	Entity	Parameter	Event Created On	Event Time	Title
Critical	1FHUXMLU8	clickhousequerycheck3	test_custom_j1	memory issue	2024/11/25 17:00:30	2024/11/25 17:00:30	memory issue issue
Major	LHYWHJPXJP	severity_query	test_lowercases	memory issue	2024/11/23 01:35:35	2024/11/23 01:35:35	memory issue issue
Major	J13PVJ03Z5	severity_query	noisetest2	memory issue	2024/11/22 18:46:05	2024/11/22 18:46:05	memory issue issue
Major	QAUY2EOJ3R	severity_query	noisetest2	memory issue	2024/11/22 18:43:03	2024/11/22 18:43:03	memory issue issue
Critical	356RTEGF8I	noise_testing_2	noisetest2	memory issue	2024/11/21 19:13:57	2024/11/21 19:13:57	memory issue issue
Critical	XQ8LOIA6LS	noise_testing_2	noisetest2	memory issue	2024/11/21 19:13:16	2024/11/21 19:13:16	memory issue issue
Critical	D3OR3P7RWY	noise_testing_2	noisetest2	memory issue	2024/11/21 19:11:28	2024/11/21 19:11:28	memory issue issue
Critical	OQ1J0UCF9W	noise_testing_2	noisetest2	memory issue	2024/11/21 19:10:09	2024/11/21 19:10:09	memory issue issue
Critical	44ARK7TYX6	noise_testing_2	noisetest2	memory issue	2024/11/21 18:53:47	2024/11/21 18:53:47	memory issue issue
Critical	AMU16C01A0	maintenance on noise_testing	noise_testing	memory issue	2024/11/21 18:49:52	2024/11/21 18:49:52	memory issue issue

Figure 77 – Live Events Data

- To stop live data update, please click on Live button, it stops updating the live noise event data, a confirmation message will appear, stating that “Auto – refresh has been disabled.”

3.2.6.6 Apply Filters

This option will enable users to apply filters over the currently opened view to see data of specific values. For example, to see lists of critical noise events, user can set filters over severity columns of noise events data. Please follow the steps below to apply filters:

- In the top navigation bar, click on Data View and click on Noise Events.
- Click on the filter option present at right side of Live button as shown in figure.

Severity	ID	Rule Name	Entity	Parameter	Event Created On	Event Time	Title
Critical	1FHUXMLU8	clickhousequerycheck3	test_custom_j1	memory issue	2024/11/25 17:00:30	2024/11/25 17:00:30	memory issue issue
Major	LHYWHJPXJP	severity_query	test_lowercases	memory issue	2024/11/23 01:35:35	2024/11/23 01:35:35	memory issue issue
Major	J13PVJ03Z5	severity_query	noisetest2	memory issue	2024/11/22 18:46:05	2024/11/22 18:46:05	memory issue issue
Major	QAUY2EOJ3R	severity_query	noisetest2	memory issue	2024/11/22 18:43:03	2024/11/22 18:43:03	memory issue issue
Critical	356RTEGF8I	noise_testing_2	noisetest2	memory issue	2024/11/21 19:13:57	2024/11/21 19:13:57	memory issue issue
Critical	XQ8LOIA6LS	noise_testing_2	noisetest2	memory issue	2024/11/21 19:13:16	2024/11/21 19:13:16	memory issue issue
Critical	D3OR3P7RWY	noise_testing_2	noisetest2	memory issue	2024/11/21 19:11:28	2024/11/21 19:11:28	memory issue issue
Critical	OQ1J0UCF9W	noise_testing_2	noisetest2	memory issue	2024/11/21 19:10:09	2024/11/21 19:10:09	memory issue issue
Critical	44ARK7TYX6	noise_testing_2	noisetest2	memory issue	2024/11/21 18:53:47	2024/11/21 18:53:47	memory issue issue
Critical	AMU16C01A0	maintenance on noise_testing	noise_testing	memory issue	2024/11/21 18:49:52	2024/11/21 18:49:52	memory issue issue

Figure 78 – Filter Operation

- A filter screen will come up which enables user to select field and corresponding operator along with value to filter data.

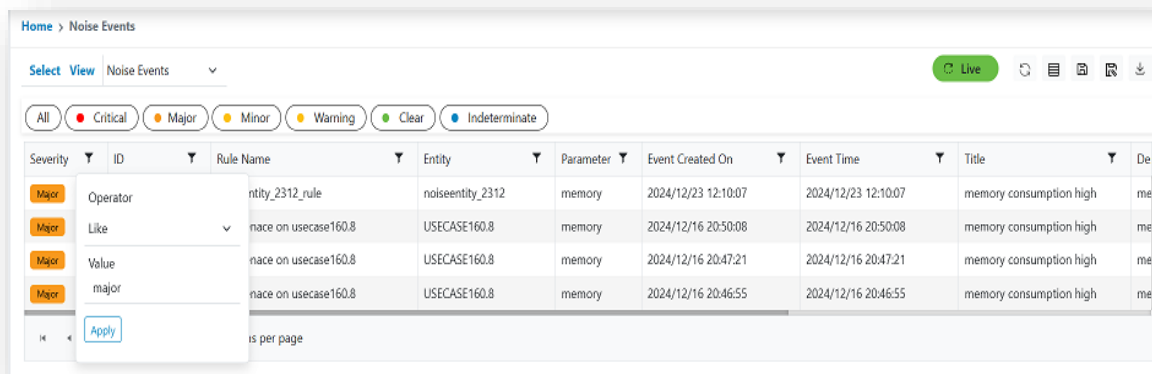


Figure 79 – Filter Operation

- Users can see the result of applied filter.

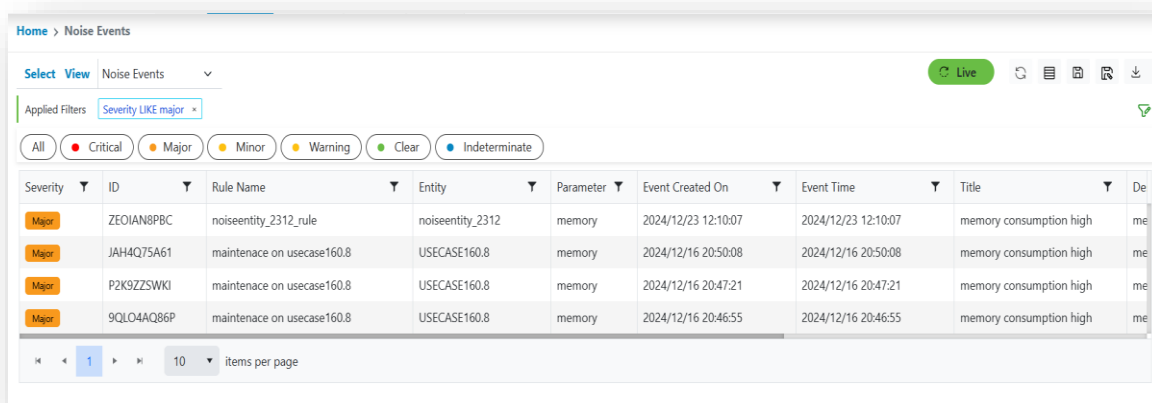



Figure 80 – Filter Operations (Cont.)

3.2.6.7 Download CSV

This section provides users with downloading CSV data of records based on the filter they apply to the records of the events screen. User can download the csv files with a maximum of 1000 records.

- In the top navigation bar, click on Data View and click on Alerts.
- Apply the filters as per the requirement.
- Click on the download csv  action button.
- Check the downloads in the system, the CSV files downloaded.

Severity	ID	Rule Name	Entity	Parameter	Event Created On	Event Time	Title	Description
Major	ZEOIAN8PBC	noiseentity_2312_rule	noiseentity_2312_rule	memory	2024/12/23 12:10:07	2024/12/23 12:10:07	memory consumption high	memory consumption high
Major	JAH4Q75A61	maintenance on usecase160.8	maintenance on usecase160.8	memory	2024/12/16 20:50:08	2024/12/16 20:50:08	memory consumption high	memory consumption high
Major	P2K9ZZSWKI	maintenance on usecase160.8	maintenance on usecase160.8	memory	2024/12/16 20:47:21	2024/12/16 20:47:21	memory consumption high	memory consumption high
Major	9QLO4AQ86P	maintenance on usecase160.8	maintenance on usecase160.8	memory	2024/12/16 20:46:55	2024/12/16 20:46:55	memory consumption high	memory consumption high

Figure 81 – Download CSV Noise Events

3.2.7 Metrics

Metrics includes a grid which contains all metrics data that is coming to the system. It includes the metrics data which has specific metric value and from which the anomaly metric data, All Metric data will be displayed under Metric view only. But Anomaly metric data will be displayed under All events, events, alerts and Anomaly metric view. If any correlation rule exists and it's satisfying the anomaly data, then it will create Actionable for the anomaly data.

Please follow the steps below to view Metrics data:

1. In the top navigation bar, click on Data View and click on Metrics.
2. Metrics data will be displayed for the customer to which the user is part of.

ID	Tool ID	Entity	Metric Polled Time	Manager	Agent	Parameter
0245b853-6bd0-4b72-85b3-9500a9b0...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summz
0b4c561-abd7-47da-8ebe-act3f8077...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
5697bc92-85cc-4541-8b31-d51bfa6be...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Memory in percentage
890678eb-f30c-487e-8e61-07308e037...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Memory in percentage
e01361d6-d260-4c8e-9569-7653547d...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summz
fd49ecba-4ca9-496f-a93e-50a978802...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summz
ff117762-9d4f-4e9a-817d-8f44503c02...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summz
12b9589-d730-4844-9700-b7f1c11b4...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
de62326a-3c67-4b7c-95db-c9291309...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
e9e9a9b0-826a-4407-a98f-974e17aff4...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Volumes in percentage

Figure 82 – Metrics

3.2.7.1 Add Column

This option will enable users to add more columns in the data grid to analyze it deeply. Please follow the steps below to add columns to data view.

1. In the top navigation bar, click on Data View and click on Metrics.

Home > Metrics

Select View Metrics

Live

ID	Tool ID	Entity	Metric Polled Time	Manager	Agent	Parameter
0245b853-6bd0-4b72-85b3-9500a9b0...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
0b4c561-abd7-47da-8ebe-acf3f8077...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
5697bc92-85cc-4541-8b31-d51bfa6be...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Memory in percentage
890678eb-f30c-487e-8e61-07308e037...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Memory in percentage
e01361d6-d260-4c8e-9569-7653547d...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
fd49ecba-4ca9-496f-a93e-50a978802...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
ff117762-9d4f-4e9a-817d-8f44503c02...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
12b9f9589-d730-4844-9700-b7f1c11b4...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
de62326a-3c67-4b7c-95db-c9291309...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
e9a9a9b0-826a-4407-a96f-974e17aff4...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Volumes in percentage

10 items per page

2. Click on the Add Column action button present at right side of Live button.
3. A pop-up will open which enables user to select from list of available columns to add it in the grid as shown in figure. Then, click on save button to add selected columns in view.

Add Columns

Add More Columns

Select

Original Columns

Severity X ID X Entity X Parameter X Event Time X Event Created On X Title X

Description X Country X

Newly Added Columns

Tool ID X

Save Close

3.2.7.2 Save Metric

The steps provide information on how to save data on metrics.

1. In the top navigation bar, click on Data View and click on Metrics.
2. User can click the save button.

Home > Metrics

Select View Metrics

Live

ID	Tool ID	Entity	Metric Polled Time	Manager	Agent	Parameter
068a5f97-9e19-46c5-b225-8a76bde0f...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	CPU utilization
0820dca1-3571-49ed-914f-fe5cba4f95...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	CPU utilization
0bb449fc-adb8-4efb-9788-6550a9b5a...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization
0c6e30ee-30c6-4c4c-a471-143e8bc27...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization
0fc71d45-35a8-4af3-b938-f91f36896c...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	CPU utilization
0ff54dee-a362-4163-aa25-f84f155e3c...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization
10ea0010-c910-43c5-939e-71f513d84...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization
12a952ed-3f83-4f56-ada5-ccb4c9960...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization
13be02a9-d248-43e4-9ad2-aa7e4afb4...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization
15f09220-c600-46f0-b880-a53a6bc22...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization

1 - 10 of 372272 items

Figure 83 – Save Metrics

- After saving, the event data appears in the grid and a successful popup appears on the screen
- On clicking the Confirm button, success will appear on the screen.

Home > Metrics

Select View Metrics

View saved successfully.

Live

ID	Tool ID	Entity	Metric Polled Time	Manager	Agent	Parameter
068a5f97-9e19-46c5-b225-8a76bde0f...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	CPU utilization
0820dca1-3571-49ed-914f-fe5cba4f95...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	CPU utilization
0bb449fc-adb8-4efb-9788-6550a9b5a...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization
0c6e30ee-30c6-4c4c-a471-143e8bc27...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization
0fc71d45-35a8-4af3-b938-f91f36896c...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	CPU utilization
0ff54dee-a362-4163-aa25-f84f155e3c...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization
10ea0010-c910-43c5-939e-71f513d84...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization
12a952ed-3f83-4f56-ada5-ccb4c9960...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization
13be02a9-d248-43e4-9ad2-aa7e4afb4...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization
15f09220-c600-46f0-b880-a53a6bc22...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabilit...	SolarWinds Hybrid Cloud Observabilit...	Memory utilization

1 - 10 of 372272 items

Figure 84 – Save Metrics Message

3.2.7.3 Save As Metric

This option will enable users to save currently opened view with columns populated in data grid so that same view can be shown to any other user in an organization. It is very helpful for admins to configure this kind of view for other users in an organization by creating a different view other than the current view. For example, view to list out all events with critical severity only. Please follow the steps below to save as events:

- In the top navigation bar, click on Data View and click on Metrics.

ID	Tool ID	Entity	Metric Polled Time	Manager	Agent	Parameter
0245b853-6bd0-4b72-85b3-9500a9b0...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
0b4c561-abd7-47da-8ebe-act3f8077...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
5697bc92-85cc-4541-8b31-d51bfa6be...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Memory in percentage
890678eb-f30c-487e-8e61-07308e037...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Memory in percentage
e01361d6-d260-4c8e-9569-7653547d...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
fd49ecba-4ca9-496f-a93e-50a978802...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
ff117762-9d4f-4e9a-817d-8f44503c02...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
12b9589-d730-4844-9700-b7f1c11b4...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
de62326a-3c67-4b7c-95db-c9291309...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
e9a9a9b0-826a-4407-a98f-974e17aff4...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Volumes in percentage

Figure 85 - Save as Metrics

2. Once the user can click the save as button, a pop-up will open to provide the following information:

- View Name: name of view like critical events
- Description: description of view like list all critical events
- Show to: Either it will be visible to the user who is saving it or to other users.

Save As

View Name

Description

Show to

My Self

Save

Close

Figure 86 - Save as Metrics (Cont.)

3. Next, click on the save button to save view and this view will be available on a list for users.

3.2.7.4 Refresh Metric

This option will enable users to refresh data grid to populate latest data over screen.

Please follow the steps below to refresh the metrics grid:

1. In the top navigation bar, click on Data View and click on Metrics.
2. Once the user can click the Refresh button, confirmation pop up message will appear.

ID	Tool ID	Entity	Metric Polled Time	Manager	Agent	Parameter
0245b853-6bd0-4b72-85b3-9500a96d...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
0b4c561-abd7-47da-8ebe-acf3f8077...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
5697bc92-85cc-4541-8b31-d51bfa6be...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Memory in percentage
890678eb-f30c-487e-8e61-07308e037...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Memory in percentage
e01361d6-d260-4c8e-9569-7653547d...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
fd49ecba-4ca9-496f-a93e-50a978802...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
ff117762-9d4f-4e9a-817d-8f44503c02...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
12bf9589-d730-4844-9700-b7f1c11b4...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
de62326a-3c67-4b7c-95db-c9291309...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
e9a9a9b0-826a-4407-a98f-974e17aff4...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Volumes in percentage

Figure 87 – Refresh Metrics

3.2.7.5 Live Metrics Data

This option will enable users to stop/start live update of data being shown in grid. Please follow the steps below to enable/disable live metrics.

1. In the top navigation bar, click on Data View and click on Metrics.
2. Users can see the Live Metrics Data, and this will be updated regularly, and automatically refreshes the grid.

Severity	ID	Entity	Parameter	Event Time	Event Created On	Title	Description	Country
No records available								

Figure 88 – Live Metrics Data

3. To stop live data update, please click on Live button, it stops updating the live noise event data, a confirmation message will appear, stating that "Auto – refresh has been disabled."

3.2.7.6 Apply Filters

This option will enable users to apply filters over the currently opened view to see data of specific values. For example, to see a list of critical events, users can set filters over severity columns of all metrics 'data. Please follow the steps below to apply filters:

In the top navigation bar, click on Data View and click on Metrics.

1. Click on the filter option present at each column as shown in figure.

Home > Metrics

Select View Metrics

Live

ID	Tool ID	Entity	Metric Polled Time	Manager	Agent	Parameter
0245b853-6bd0-4b72-85b3-9500a9b0...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
0b4c561-abd7-47da-8ebe-acf38077...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
5697bc92-85cc-4541-8b31-d51bfa6be...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Memory in percentage
890678eb-f30c-487e-8e61-07308e037...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Memory in percentage
e01361d6-d260-4c8e-9569-7653547d...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
fd49ecba-4ca9-496f-a93e-50a978802...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
ff117762-9d4f-4e9a-817d-8f44503c02...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
12b9589-d730-4844-9700-b7f1c11b4...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
de62326a-3c67-4b7c-95db-c9291309...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
e9a9a9b0-826a-4407-a96f-974e17aff4...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Volumes in percentage

1 2 3 4 5 ... 10 items per page

Figure 89 – Filter Operations

- A filter screen will come up which enables user to select field and corresponding operator along with value to filter data.

Home > Metrics

Select View Metrics

Live

ID	Tool ID	Entity	Metric Polled Time	Manager	Agent	Parameter
0245b853-6bd0-4b72-85b3-9500a9b0...				AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
0b4c561-abd7-47da-8ebe-acf38077...				AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
5697bc92-85cc-4541-8b31-d51bfa6be...				AppDynamics - Metrics	AppDynamics - Metrics	Memory in percentage
890678eb-f30c-487e-8e61-07308e037...				AppDynamics - Metrics	AppDynamics - Metrics	Memory in percentage
e01361d6-d260-4c8e-9569-7653547d...				AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
fd49ecba-4ca9-496f-a93e-50a978802...				AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
ff117762-9d4f-4e9a-817d-8f44503c02...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summa
12b9589-d730-4844-9700-b7f1c11b4...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
de62326a-3c67-4b7c-95db-c9291309...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	CPU in percentage
e9a9a9b0-826a-4407-a96f-974e17aff4...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	Volumes in percentage

Operator
Like
Value
ASUPERCARZ
Apply

1 2 3 4 5 ... 10 items per page

Figure 90 – Filter Operations (Cont.)


- Users can see the result of applied filter.

ID	Tool ID	Entity	Metric Polled Time	Manager	Agent	Parameter	M
0245b853-6bd0-4b72-85b3-9500a9b0...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summary Average Re...	0
fd49ecba-4ca9-496f-a93e-50a978802...			2024/11/28 15:52:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summary Average Re...	0
a96755c4-b7d5-4260-a4d1-77609918...			2024/11/28 15:51:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summary Average Re...	0
26500c98-e36a-494b-8292-a64acc063...			2024/11/28 15:50:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summary Average Re...	0
2770d8fe-e38b-49e8-8942-845b5018...			2024/11/28 15:50:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summary Average Re...	0
3d2103da-95be-468f-9241-af1bc3d3e...			2024/11/28 15:50:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summary Average Re...	0
e3974064-14d6-4b81-94cc-50bcfa23f9...			2024/11/28 15:49:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summary Average Re...	0
54c34768-3886-407b-8d6e-4e54baed...			2024/11/28 15:48:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summary Average Re...	0
5e81fc2e-7ddd-4e26-adbc-48d36da1...			2024/11/28 15:48:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summary Average Re...	0
4fd42e80-43de-470a-9173-2aea2bd4...			2024/11/28 15:48:00	AppDynamics - Metrics	AppDynamics - Metrics	BTM Application Summary Average Re...	0

Figure 91 – Filter Operations (Cont.)

3.2.7.7 Download CSV

This section provides users with downloading CSV data of records based on the filter they apply to the records of the events screen. User can download the csv files with a maximum of 1000 records.

1. In the top navigation bar, click on Data View and click on Alerts.
2. Apply the filters as per the requirement.
3. Click on the download csv  action button.
4. Check the downloads in the system, the CSV files downloaded.

ID	Tool ID	Entity	Metric Polled Time	Manager	Agent	Parameter	M
068a5f97-9e19-46c5-b225-8a76bde0f...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabil...	SolarWinds Hybrid Cloud Observabil...	CPU utilization	
0820dca1-3571-49ed-914f-4e5cba495...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabil...	SolarWinds Hybrid Cloud Observabil...	CPU utilization	
0bb449fc-adb8-4efb-9788-6550a9b5a...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabil...	SolarWinds Hybrid Cloud Observabil...	Memory utilization	
0c6e30ee-30c5-4c4c-a471-143e8bc27...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabil...	SolarWinds Hybrid Cloud Observabil...	Memory utilization	
0fc71d45-35a8-4af3-b938-f91f38896c...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabil...	SolarWinds Hybrid Cloud Observabil...	CPU utilization	
0ff54dee-a362-4163-aa25-f84f155e3c...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabil...	SolarWinds Hybrid Cloud Observabil...	Memory utilization	
10ea0010-c910-43c5-939e-71f513d84...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabil...	SolarWinds Hybrid Cloud Observabil...	Memory utilization	
12a952ed-3f83-4f56-ada5-ccb4c9960...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabil...	SolarWinds Hybrid Cloud Observabil...	Memory utilization	
13be02a9-d248-43e4-9ad2-aa7e4afb4...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabil...	SolarWinds Hybrid Cloud Observabil...	Memory utilization	
15f09220-c600-46f0-b880-a53a6bc22...			2024/12/20 12:50:00	SolarWinds Hybrid Cloud Observabil...	SolarWinds Hybrid Cloud Observabil...	Memory utilization	

Figure 92 – Download CSV for Metrics Data

3.2.7.8 Anomaly Metrics

1. On selecting the anomaly metrics user can see the anomaly metrics data over the select view dropdown.
2. On selecting the anomaly metrics from the Select view dropdown, users can see the anomaly metrics data over the Metrics screen.

3.3 Customer

The goal of customer onboarding in Event Management AIOps is to facilitate efficient introduction to the platform, ensuring that customers can quickly and effectively utilize the features of the system for managing events with the support of AI-driven capabilities.

3.3.1 Edit Customer

HCL IEM allows the user to edit the customer details with this option. When the user clicks on Edit Customer, the navigation panel will show the options that can be accessed by the user.

It includes: -

- Customer Details
 - Noise Maintenance
1. Click on the **edit icon** corresponding to the name of the customer whose details are to be updated.

The following screen appears:

Customer > DAST > Customer Details

Customer Details

Customer Code *

Customer Display Name *

Customer Logo

Preview:

**HCL IntelliOps
Event Management**

Choose File No file chosen

Enable Logs ☐

Cancel Update

Figure 93 – Edit Customer

3.3.2 View Customer

To view the details of a customer, click on the view icon corresponding to the name of the customer whose details are to be viewed. Refer to the following image:

Customers + New Customer

Inprogress **Onboarded**

Customer	Description	Onboarding Steps	Actions
DAST	IEM Dast Env	view	<input checked="" type="checkbox"/>

1 - 4 of 4 items

Figure 94 – View Customer

3.3.3 Noise Maintenance

Noise maintenance" refers to the ongoing process of managing and reducing the amount of irrelevant or non-actionable events, alerts, or data generated by monitoring and detection systems. Noise, in this context, represents information that does not contribute to meaningful insights or indicate significant issues. Reducing noise is crucial for optimizing the efficiency of actionable detection, analysis, and resolution.

- "Noise Maintenance Window" refers to a specific timeframe or scheduled period during which fine-tuning activities are performed to manage and reduce the noise generated by the monitoring and alerting systems.
- This window allows IT teams to proactively address the issues related to false positives, irrelevant alerts, or unnecessary noise in the event data.
- This section enables user to define rules for filtering out events data at the beginning of event data processing. User can perform actions based on their role.
- Admin can see all the previously created noise rules by clicking on customer edit action button → **Noise/Maintenance Window**.

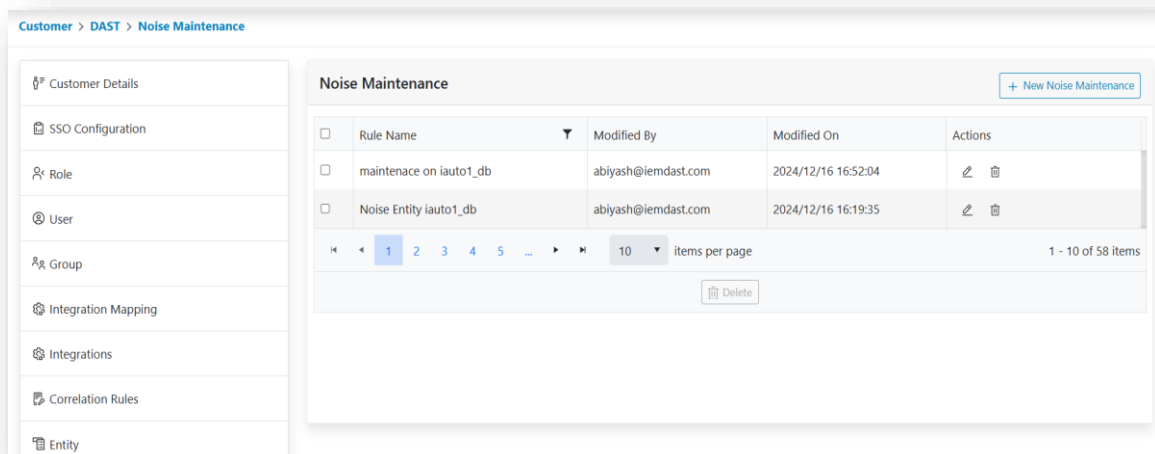


Figure 95 – Noise Maintenance

A user can perform the following actions:

- Add Noise
- Edit Noise
- Delete Noise
- Apply Filters

Rules can be created from the **Entity** screen. Please refer to the *IEM Configuration Guide* → **Entity** section. These rules are prefixed with the action i.e., whether it is a Noise, or a Maintenance configuration followed with the Entity name. From the screen the user can create a rule-based entity id only.

3.3.3.1 Add Noise

Noise rules can be configured as required, by following the steps given below:

1. Click on + New button at the top of the grid to create a new rule. The following screen appears:

Figure 96 – Creating Noise Rule

2. Enter the Rule Name.
3. In the base filters field, select the Entity, then select operator then give value. Users can add many base filters by clicking on +Add button.
4. Users can define maintenance window and Recurring.
5. Add the required fields then click on the submit action button.

3.3.3.2 Edit Noise

Edit the rules based on requirement, base filters can be added, or maintenance window can be modified (change the time interval or dates interval etc.)

Figure 97 – Updating Noise Rule

Rule names cannot be edited.

3.3.3.3 Delete Noise

1. Users can delete noise rules using the deleted action button.

2. Select the rule(s) to be deleted by clicking on the corresponding checkbox.
3. Click on the **delete** action button (bulk/single selection).

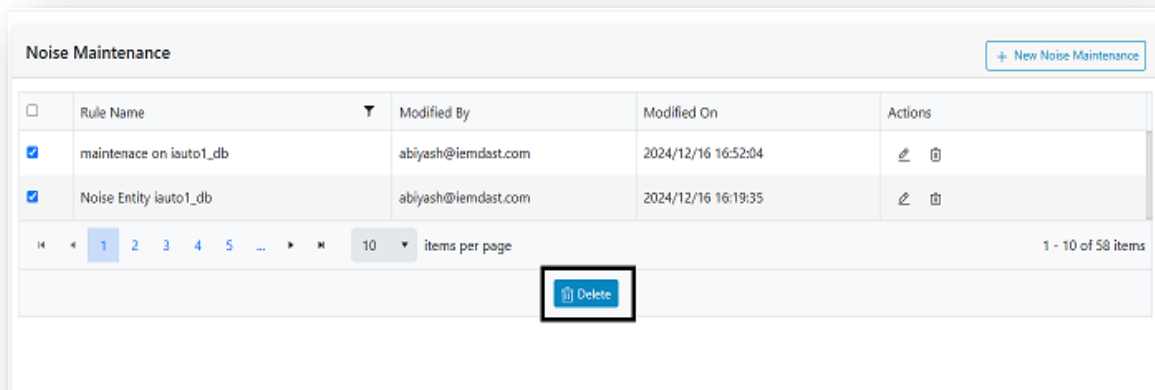


Figure 98 – Bulk Delete Noise Rule

4. The following popup will appear on the screen.
5. Click on Confirm. Noise rules will be deleted.

3.3.3.4 Apply Filter

1. Click on the Apply filter action button present at the header below the console.
2. The form will appear from where the user can select field and operator from the drop-down list and provide value. Then click on the apply button.

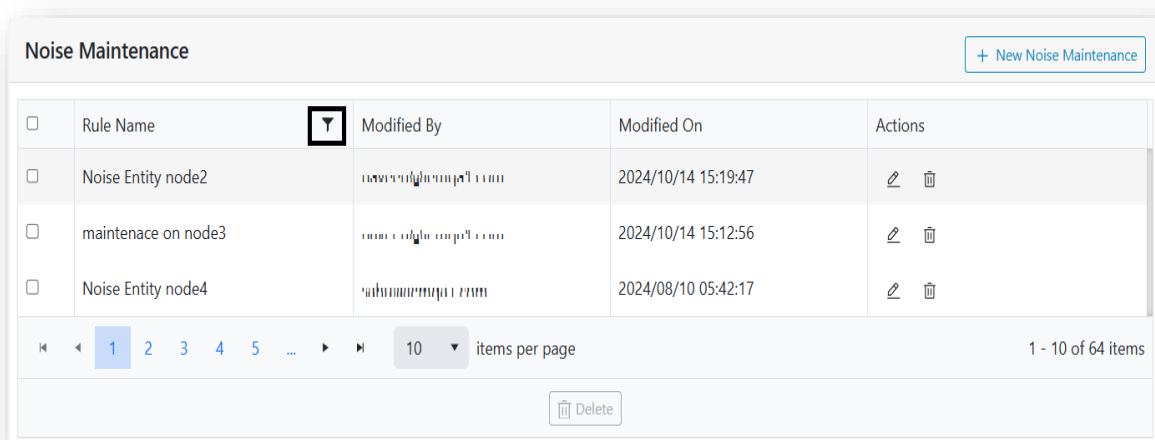


Figure 99 – Noise Maintenance – Apply Filter

3. The form will appear from where the user can select field and operator from the drop-down list and provide value.
4. Click on the Apply button.

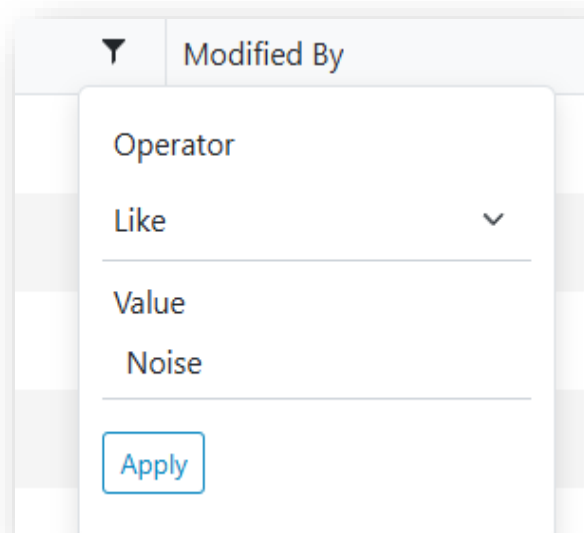


Figure 100 – Filter Operation

5. Users can see the result of applied filter

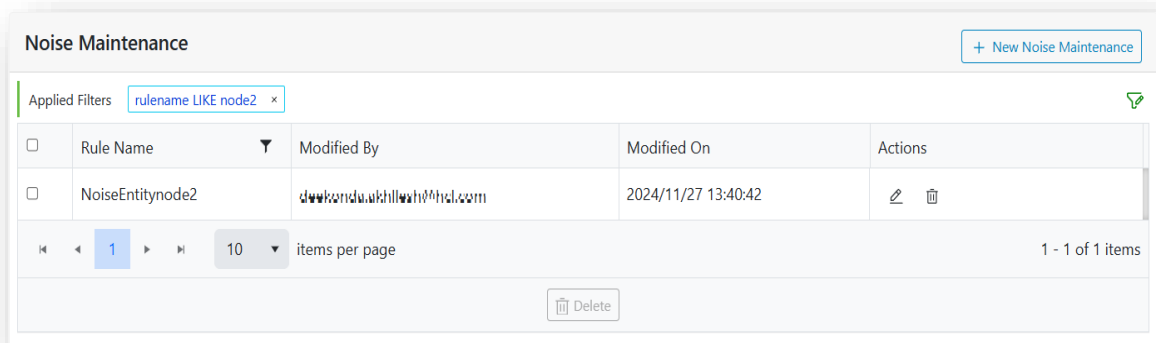


Figure 101 – Noise Maintenance Apply Filter

4 Support

To get support for this product, please drop an email to IMM-Product-Supp@hcl.com.

HCLSoftware

hcltechsw.com