



HEAL

DOCUMENTATION

HEAL Software Inc.

View ML Insights

You can view Machine Learning (ML) Insights within an Early Warning/Problem report to understand key metrics associated with the services displayed in the timeline.

To do so, follow these steps:

1. Click on the ML Insights option in an Early Warning/Problem report.

HEAL then presents a list of the top ten most important metrics connected with the services in your timeline.

The screenshot shows the HEAL software interface with the 'ML Insights' tab selected. The timeline on the left shows an event for 'NB-App-Service-DR' on 2021-10-26 07:39. The main area displays 'Top 10 important metrics identified by ML' with the following data:

Metric	Instance / Transaction Name	Service	Last Violation	Value
CTX Switches	RHEL_NB_App_Host_146_Inst_1-DR	NB-App-Service-DR	26 Oct 2021 07:39	expected 10000 and below seen 24978
CPU Util	RHEL-APP-HOST-Cluster-DR	NB-App-Service-DR	26 Oct 2021 07:38	expected 0 Percentage and below seen 0.63 Percentage
Memory Util	RHEL-APP-HOST-Cluster-DR	NB-App-Service-DR	26 Oct 2021 07:38	expected 2 Percentage and below seen 6.5 Percentage
CPU Busy	RHEL-APP-HOST-Cluster-DR	NB-App-Service-DR	26 Oct 2021 07:38	expected 0.5 Percentage and below seen 1.54 Percentage
CPU Util	RHEL_NB_App_Host_146_Inst_1-DR	NB-App-Service-DR	26 Oct 2021 07:38	expected 0 Percentage and below seen 1.12 Percentage
Memory Util	RHEL_NB_App_Host_146_Inst_1-DR	NB-App-Service-DR	26 Oct 2021 07:38	expected 2 Percentage and below seen 7.39 Percentage

Below the table, there is a section for 'Related Signals' with the following information:

- Early Warning Signal(s): P-2-398-7-27253569
- Core Info Signal(s): None
- Config Watch Info Signal(s): None

Field Description

1 - Metric The name of the key performance metric.

Field	Description
2 - Instance/Transaction Name	The specific instance or transaction identifier is linked to the metric.
3 - Service	The name of the service associated with the metric.
4 - Last Violation	The timestamp marking when the last violation occurred.
5 - Value	The actual and expected values captured at the time of the last violation.

2. If there are no significant metrics associated with the services on the timeline, HEAL displays a notification indicating this.

The screenshot shows the HEAL software interface. At the top, there are navigation buttons and a status bar indicating 'Status: Open', 'Severity: Severe', 'Started: 2023-05-19 16:09', and 'Ended: --'. A dropdown menu shows 'IST'.

The main area is divided into two sections: 'Timeline' and 'ML Insights'.

Timeline: This section shows a timeline of events. It lists two main events:

- FinApp-Coresession-Service:** An 'Inacle Errors' event on 'CoreSession_31' with an 'Anomaly Score 1'. It notes 'seen 11' and has a link to '3 more events'.
- Core-Weblogic-Servers:** A 'Memory Util' event on 'SOLARIS_mudccbjep01' with an 'Anomaly Score 1'. It notes 'Percentage and below, seen 50 Percentage' and has a link to '21 more events'.

ML Insights: This section is titled 'Top 10 important metrics identified by ML'. It contains a large box with a blue background and a warning icon, stating 'No metric data available'.

Related Signals: This section lists 'Early Warning Signal(s): None', 'Core Info Signal(s): None', and 'Config Watch Info Signal(s): None'.