



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 displays the HEAL ML Insights interface. On the left, a timeline shows an event for 'NB-App-Service-DR' at 2021-10-26 07:39, with details: 'CTX Switches event, on RHEL_NB_App_Host_146_Inst_1-DR, expected 10000 and below, seen 24978'. The main panel is titled 'Top 10 important metrics identified by ML' and contains a table with 5 columns: Metric, Instance / Transaction Name, Service, Last Violation, and Value. The table lists metrics like CTX Switches, CPU Util, Memory Util, and CPU Busy for various instances. Below the table, there are 'Related Signals' including an Early Warning Signal and Core Info Signals.

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

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 displays the HEAL software interface. At the top, there is a navigation bar with a status filter set to 'Open' and a severity filter set to 'Severe'. The main content area is divided into two panels. The left panel, titled 'Timeline', shows a list of events. The first event is 'FinApp-Coresession-Service' with a description 'Finacle Errors event, on CoreSession_31, expected 1 and below, seen 11' and an 'Anomaly Score 1'. The second event is 'Core-Weblogic-Servers' with a description 'Memory Util event, on SOLARIS_mudccbjep01, expected 2 Percentage and below, seen 50 Percentage' and an 'Anomaly Score 1'. The right panel, titled 'ML Insights', shows a notification 'No metric data available' under the heading 'Top 10 important metrics identified by ML'. Below this, there is a section for 'Related Signals' which lists 'Early Warning Signal(s) None', 'Core Info Signal(s) None', and 'Config Watch Info Signal(s) None'.