

Page Title: custom-active-alerts-reports

On this page

Custom Active Alerts Reports

The custom active alerts report allows you to monitor and analyze the current status of active alerts triggered within your monitoring environment. This report provides valuable insights into ongoing issues, enabling you to prioritize and address critical alerts. By customizing the report parameters, you can focus on specific alert policies, severity levels, and monitored entities to effectively manage your alerting.

Select the data to be displayed on the report

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To create a custom active alerts report, follow the steps below and configure the fields according to your monitoring needs:

Field

Description

Policy Type

This field is selected by default to show active metric alerts.

Source Filter

Narrow down the scope of the monitors that you want to include in the report by selecting either

Monitor

,

Group

, or

Tag

from the dropdown. This helps you focus on specific subset of monitors based on your selection.

Source

Select the specific monitors, groups, or tags to include in the report. Based on the selection made in

the previous field, this dropdown will display relevant options to narrow down the source of data for the report. For example, if you selected

Monitor

in the previous field, the

Source

dropdown will display a list of all available monitors for you to select from.

Policy

Use this field to narrow down the scope of the report to include only the alerts mapped to the policies you select from this dropdown.

Policy Tag

Narrow down the scope of the report to include only the alerts which have been mapped with the policy tag you select from this dropdown.

Severity

Use this field to narrow down the scope of the report to include only those alerts that belong to specific severity levels.

By configuring these fields, you can create a custom active alerts report tailored to your organization's monitoring requirements, enabling you to gain insights into your infrastructure entities.

Select how the data will be displayed on the report

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Changing the order of columns on the report

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Use simple drag and drop method to arrange the order of the columns. Drag the columns from the

Column Setting

tab and arrange them in the order you want to display on the report.

Changing the column display name

â€‹

You can change the column names in the report. Enter the column name that you wish to display

on the report in the

Display Name

field of corresponding column under the

Column Setting

tab.

Hide a column on the report

â€‹

You can remove a column that you do not wish to display on the widget by hiding the column from the

Column Setting

tab. Click on the check box titled

Hide Column

to hide the column on the report.

Configure the columns in detail

â€‹

Click on the

Configure

option against the corresponding column you wish to configure from the

Column Setting

tab. A pop-up to configure the column appears.

The available options in the configuration pop-up are as follows:

Configuration Option

Description

Resizable

Use this toggle button to enable the resizing of the column width using drag and drop in the report.

Sortable

Use this toggle button to enable the widget sorting using the values of the selected column in the

report.

Orderable

Use this toggle button to enable the option to change the order of the selected column using drag and drop in the report.

Width(%)

Enter the width(in percentage) of the column as you want to display on the report.

Add Color Configuration

Select this option to configure the color of the column on the report based on fixed threshold values.

Icon

Select a suitable icon that you wish to display with values of the column.

Icon Position

Select whether you want to display the icon selected in the previous option as a prefix or a suffix to the values in the column.

Change the column header size

â€‹

You can change the column header size from the

Header Font Size

dropdown under the

Style

tab.

Page Title: custom-availability-alerts-reports

On this page

Custom Availability Alerts Reports

The custom availability alerts report allows you to analyze past availability alerts triggered within your monitoring environment. This report provides insights into the different states of availability alerts, including

Unknown

,

Up

, and

Down

, for the selected entity. By customizing the report parameters, you can focus on specific monitored entities and monitor the historical availability status to identify availability trends.

Select the data to be displayed on the report

â€œ

To create a custom availability alerts report, follow the steps below and configure the fields according to your monitoring needs:

Field

Description

Alert By

Select the specific entity(Monitor, VMs, Access Point, and more) from the dropdown for which you want to view the past availability alerts.

Source Filter

Narrow down the scope of the monitors that you want to include in the report by selecting either

Monitor

,

Group

, or

Tag

from the dropdown. This helps you focus on specific subset of monitors based on your selection.

Source

Select the specific monitors, groups, or tags to include in the report. Based on the selection made in the previous field, this dropdown will display relevant options to narrow down the source of data for the report. For example, if you selected

Monitor

in the previous field, the

Source

dropdown will display a list of all available monitors for you to select from.

By configuring these fields, you can create a custom availability alerts report tailored to your organization's monitoring requirements, enabling you to gain insights into your infrastructure entities.

Select how the data will be displayed on the report

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Changing the order of columns on the report

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Resizable

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Sortable

Use this toggle button to enable the widget sorting using the values of the selected column in the report.

Orderable

Use this toggle button to enable the option to change the order of the selected column using drag

and drop in the report.

Width(%)

Enter the width(in percentage) of the column as you want to display on the report.

Add Color Configuration

Select this option to configure the color of the column on the report based on fixed threshold values.

Icon

Select a suitable icon that you wish to display with values of the column.

Icon Position

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Change the column header size

â€‹

You can change the column header size from the

Header Font Size

dropdown under the

Style

tab.

Page Title: custom-availability-reports

On this page

Custom Availability Reports

The custom availability report allows you to monitor the availability and uptime of your critical components. This report provides valuable insights into the availability status of selected entities, enabling you to track downtime incidents and identify areas that require immediate attention.

Select the data to be displayed on the report

â€‹

To create a custom availability report, follow the steps below and configure the fields as per your monitoring needs:

Field

Description

Availability By

Select the entity for which you want to create the availability report from the dropdown. This determines the primary focus of the report, such as availability of monitors, services, VMs, interface, and more.

Source Filter

Narrow down the scope of the monitors that you want to include in the report by selecting either

Monitor

,

Group

, or

Tag

from the dropdown. This helps you focus on specific subset of monitors based on your selection.

Source

Select the specific monitors, groups, or tags to include in the report. Based on the selection made in

the previous field, this dropdown will display relevant options to narrow down the source of data for the report. For example, if you selected

Monitor

in the previous field, the

Source

dropdown will display a list of all available monitors for you to select from.

Filters

Use the additional filters to further refine the dataset included in the report.

By configuring these fields, you can create a custom availability report tailored to your organization's monitoring requirements, enabling you to gain insights into the availability status of your critical components.

Select how the data will be displayed on the report

â€‹

Changing the order of columns on the report

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Column Setting

tab.

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tab. Click on the check box titled

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Configure the columns in detail

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The available options in the configuration pop-up are as follows:

Configuration Option

Description

Resizable

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Sortable

Use this toggle button to enable the widget sorting using the values of the selected column in the report.

Orderable

Use this toggle button to enable the option to change the order of the selected column using drag and drop in the report.

Width(%)

Enter the width(in percentage) of the column as you want to display on the report.

Add Color Configuration

Select this option to configure the color of the column on the report based on fixed threshold values.

Icon

Select a suitable icon that you wish to display with values of the column.

Icon Position

Select whether you want to display the icon selected in the previous option as a prefix or a suffix to the values in the column.

Change the column header size

â€œ

You can change the column header size from the

Header Font Size

dropdown under the

Style

tab.

Page Title: custom-flow-analytics-reports

On this page

Custom Flow Analytics Reports

The custom flow analytics report enables you to analyze network traffic flow data within your monitoring environment. This report provides insights into network behavior, traffic patterns, and potential security threats, allowing you to optimize network performance and enhance security posture. By customizing the report parameters, you can focus on specific flow data sources, protocols, or time periods to gain deeper visibility into your network infrastructure.

This page provides the necessary fields and options to configure the report according to your flow analysis requirements, enabling you to extract actionable insights from your network flow data.

Select the data to be displayed on the report

â€œ

To create a custom Log Analytics report, follow the steps below and configure the fields according to your monitoring needs:

Field

Description

Widget Type

Select the type of widget you want to view in the report, such as a

Chart

,

Grid

, or

Top N

. This determines the visualization format for the flow data.

Counter

Choose the counter for which you want to create the Flow Analytics report. This defines the specific

counters for flow data that you want to monitor, such as Source Port, Destination Port, Packets Per Second, and more.

Aggregation

Use this option to apply Aggregate function on all the available polling values. Refer

Select the Aggregate function

to understand more about the

Aggregation

function.

Source Filter

Narrow down the scope of the flow sources that you want to include in the report by selecting either

Source Host

or

Group

from the dropdown. This helps you focus on specific subset of flow sources based on your selection.

Source

Select the specific flow sources to include in the report. Based on the selection made in the previous field, this dropdown will display relevant options to narrow down the source of data for the report.

For example, if you selected

Source Host

in the previous field, the

Source

dropdown will display a list of all the available IPs from which flow data is ingested.

Result By

Select the criteria for grouping the flow data. Refer

Select how the counters are grouped on the widget

to understand more about the

Result By

function.

Filters

Use additional filters to further refine the dataset included in the report.

By configuring these fields, you can create a custom Flow Analytics report tailored to your organization's monitoring requirements, enabling you to gain insights into your infrastructure.

Select how the data will be displayed on the report

â€‹

Chart

Grid

Top N

Select Chart Type

â€‹

Here, you can select multiple chart types which include the following:

Area Chart

Line Chart

Horizontal Bar Chart

Vertical Bar Chart

Stacked Area Chart

Stacked Line Chart

Stacked Horizontal Bar Chart

Stacked Vertical Bar Chart

You can chose any of these multiple chart types to specify how the chart will be visualised on the widget.

Chart Legend

â€‹

You can enable/disable the display of chart legend on the widget using the

Legend

toggle button.

X-axis Title/Y-axis Title/Z-axis Title

â€‹

You can display the x-axis, y-axis, and z-axis title on the chart widget by using the

X-Axis Title

,

Y-Axis Title

, and

Z-Axis Title

toggle button respectively. You can then enter the title of the respective axis in the field besides the toogle button.

Changing the angle of the X-Axis Title

â€‹

You can change the angle of the X-Axis Title in case there are multiple points on the X-Axis and they are not clearly legible. Enter the angle of rotation in the

Rotation

field to change the angle of the X-Axis.

Changing Line Width

â€‹

You can adjust the line width of the chart to control the thickness of the lines in your data visualization. A thicker line can make the data more prominent and easier to distinguish.

Adjust the slider titled

Line Width

to get the desired line width value. A higher value will result in thicker lines, while a lower value will make the lines thinner.

Changing Data Granularity

â€‹

Granularity refers to how data points are spaced on the chart widget, affecting the level of detail in your visualization. You can adjust the granularity to show data points at different intervals.

Enter a custom value of

Granularity

to define how far apart two consecutive data points are located on the chart.

note

the minimum granularity allowed is equal to the polling time for the specific metric of the device. If you enter a granularity value less than the polling time, it will automatically adjust to the polling time to ensure accurate representation of the data.

Adjusting the data granularity allows you to tailor the level of detail in your chart to meet your specific needs, ensuring that your data is presented in the most meaningful way for your analysis.

Sorting Data Points

â€‹

You can sort data points on the widget to highlight specific information or trends based on the available fields. Choose one of the following sorting options:

Option

Description

Top

Use this option to sort data points in descending order based on the highest values. This is helpful when you want to focus on the most critical data or the top performers.

Last

Select this option to sort data points such that the datapoints with the lowest values appear first.

Count

Specify the count of datapoints that you wish to view on the widget.

Changing the order of columns on the report

â€‹

Use simple drag and drop method to arrange the order of the columns. Drag the columns from the Column Setting

tab and arrange them in the order you want to display on the report.

Changing the column display name

â€‹

You can change the column names in the report. Enter the column name that you wish to display on the report in the

Display Name

field of corresponding column under the

Column Setting

tab.

Hide a column on the report

â€‹

You can remove a column that you do not wish to display on the widget by hiding the column from the

Column Setting

tab. Click on the check box titled

Hide Column

to hide the column on the report.

Configure the columns in detail

â€‹

Click on the

Configure

option against the corresponding column you wish to configure from the

Column Setting

tab. A pop-up to configure the column appears.

The available options in the configuration pop-up are as follows:

Configuration Option

Description

Resizable

Use this toggle button to enable the resizing of the column width using drag and drop in the report.

Sortable

Use this toggle button to enable the widget sorting using the values of the selected column in the report.

Orderable

Use this toggle button to enable the option to change the order of the selected column using drag and drop in the report.

Width(%)

Enter the width(in percentage) of the column as you want to display on the report.

Add Color Configuration

Select this option to configure the color of the column on the report based on fixed threshold values.

Icon

Select a suitable icon that you wish to display with values of the column.

Icon Position

Select whether you want to display the icon selected in the previous option as a prefix or a suffix to the values in the column.

Change the column header size

â€‹

You can change the column header size from the

Header Font Size

dropdown under the

Style

tab.

The styling properties for the Top N Widget are the same as the

Chart

widget. You can refer the

Chart

tab to learn more about the same.

Page Title: custom-inventory-reports

On this page

Custom Inventory Reports

The custom inventory report allows you to generate detailed inventories of your Monitors, Applications, Interfaces, VMs, Access points, and Processes providing comprehensive insights into the configuration and attributes of your infrastructure components. This report is invaluable for tracking asset details, managing inventory changes, and ensuring compliance with organizational standards.

Select the data to be displayed on the report

â€‹

To create a custom inventory report, follow the steps below and configure the fields according to your monitoring needs:

Field

Description

Inventory By

Select the entity for which you want to generate the inventory report from the dropdown menu including Monitors, Applications, Interfaces, VMs, Access points, and Processes

Source Filter

Narrow down the scope of the monitors that you want to include in the report by selecting either

Monitor

,

Group

, or

Tag

from the dropdown. This helps you focus on specific subset of monitors based on your selection.

Source

Select the specific monitors, groups, or tags to include in the report. Based on the selection made in the previous field, this dropdown will display relevant options to narrow down the source of data for the report. For example, if you selected

Monitor

in the previous field, the

Source

dropdown will display a list of all available monitors for you to select from.

Status

Select the criteria for grouping the performance data. Refer

Select how the counters are grouped on the widget

to understand more about the

Result By

function.

By configuring these fields, you can create a custom inventory report tailored to your organization's monitoring requirements, enabling you to gain insights into your infrastructure entities.

Select how the data will be displayed on the report

â€‹

Changing the order of columns on the report

â€‹

Use simple drag and drop method to arrange the order of the columns. Drag the columns from the Column Setting

tab and arrange them in the order you want to display on the report.

Changing the column display name

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Hide a column on the report

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Hide Column

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Configure the columns in detail

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Configuration Option

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Resizable

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Width(%)

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Add Color Configuration

Select this option to configure the color of the column on the report based on fixed threshold values.

Icon

Select a suitable icon that you wish to display with values of the column.

Icon Position

Select whether you want to display the icon selected in the previous option as a prefix or a suffix to the values in the column.

Change the column header size

â€œ

You can change the column header size from the

Header Font Size

dropdown under the

Style

tab.

Page Title: custom-log-analytics-reports

On this page

Custom Log Analytics Reports

The custom log analytics report allows you to extract valuable insights from log data collected within your monitoring environment. This report provides a comprehensive analysis of log events, enabling you to identify trends that may impact infrastructure performance. By creating customized log analytics reports, you can extract meaningful information from log events, detect security threats, troubleshoot issues, and optimize system performance. This page provides the necessary details to configure the report according to your log analysis requirements, enabling you to derive actionable insights from your log data.

Select the data to be displayed on the report

â€‹

To create a custom Log Analytics report, follow the steps below and configure the fields according to your monitoring needs:

Field

Description

Widget Type

Select the type of widget you want to view in the report, such as a

Chart

,

Grid

, or

Top N

. This determines the visualization format for the log data.

Counter

Choose the counter for which you want to create the Log Analytics report. This defines the specific

counters for log events that you want to monitor, such as log message, event severity, event source, and more.

Aggregation

Use this option to apply Aggregate function on all the available polling values. Refer

Select the Aggregate function

to understand more about the

Aggregation

function.

Source Filter

Narrow down the scope of the log sources that you want to include in the report by selecting either

Source Host

,

Source Type

, or

Group

from the dropdown. This helps you focus on specific subset of log sources based on your selection.

Source

Select the specific log sources to include in the report. Based on the selection made in the previous field, this dropdown will display relevant options to narrow down the source of data for the report.

For example, if you selected

Source Host

in the previous field, the

Source

dropdown will display a list of all the available IPs from which logs are ingested.

Result By

Select the criteria for grouping the log data. Refer

Select how the counters are grouped on the widget

to understand more about the

Result By

function.

Filters

Use additional filters to further refine the dataset included in the report.

By configuring these fields, you can create a custom Log Analytics report tailored to your organization's monitoring requirements, enabling you to gain insights into your infrastructure.

Select how the data will be displayed on the report

â€œ

Chart

Grid

Top N

Select Chart Type

â€œ

Here, you can select multiple chart types which include the following:

Area Chart

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Granularity

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note

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Adjusting the data granularity allows you to tailor the level of detail in your chart to meet your specific needs, ensuring that your data is presented in the most meaningful way for your analysis.

Sorting Data Points

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Option

Description

Top

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Last

Select this option to sort data points such that the datapoints with the lowest values appear first.

Count

Specify the count of datapoints that you wish to view on the widget.

Changing the order of columns on the report

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Changing the column display name

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Column Setting

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Hide a column on the report

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Configure the columns in detail

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Configure

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Column Setting

tab. A pop-up to configure the column appears.

The available options in the configuration pop-up are as follows:

Configuration Option

Description

Resizable

Use this toggle button to enable the resizing of the column width using drag and drop in the report.

Sortable

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Width(%)

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Add Color Configuration

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Icon

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Icon Position

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Change the column header size

Header Font Size

You can change the column header size from the

Header Font Size

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Style

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tab to learn more about the same.

Page Title: custom-metric-alerts-reports

On this page

Custom Metric Alert Reports

The create custom metric alerts report page allows you to generate tailored reports focusing on metric-based alerts within your monitoring environment. This page offers intuitive fields and options to define the report criteria, allowing you to tailor the report to your organization's monitoring needs and objectives. This report empowers you to identify your infrastructure behavioural trends and potential issues, enabling proactive management and optimization of your IT environment.

Select the data to be displayed on the report

â€‹

To create a custom metric alerts report, follow the steps below and configure the fields according to your monitoring needs:

Field

Description

Policy Type

This field is selected by default to show metric alerts.

Source Filter

Narrow down the scope of the monitors that you want to include in the report by selecting either

Monitor

,

Group

, or

Tag

from the dropdown. This helps you focus on specific subset of monitors based on your selection.

Source

Select the specific monitors, groups, or tags to include in the report. Based on the selection made in

the previous field, this dropdown will display relevant options to narrow down the source of data for the report. For example, if you selected

Monitor

in the previous field, the

Source

dropdown will display a list of all available monitors for you to select from.

Policy

Use this field to narrow down the scope of the report to include only the alerts mapped to the policies you select from this dropdown.

Policy Tag

Narrow down the scope of the report to include only the alerts which have been mapped with the policy tag you select from this dropdown.

Severity

Use this field to narrow down the scope of the report to include only those alerts that belong to specific severity levels.

By configuring these fields, you can create a custom metric alerts report tailored to your organization's monitoring requirements, enabling you to gain insights into your infrastructure entities.

Select how the data will be displayed on the report

â€‹

Changing the order of columns on the report

â€‹

Use simple drag and drop method to arrange the order of the columns. Drag the columns from the

Column Setting

tab and arrange them in the order you want to display on the report.

Changing the column display name

â€‹

You can change the column names in the report. Enter the column name that you wish to display

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Hide a column on the report

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Sortable

Use this toggle button to enable the widget sorting using the values of the selected column in the

report.

Orderable

Use this toggle button to enable the option to change the order of the selected column using drag and drop in the report.

Width(%)

Enter the width (in percentage) of the column as you want to display on the report.

Add Color Configuration

Select this option to configure the color of the column on the report based on fixed threshold values.

Icon

Select a suitable icon that you wish to display with values of the column.

Icon Position

Select whether you want to display the icon selected in the previous option as a prefix or a suffix to the values in the column.

Change the column header size

â€‹

You can change the column header size from the

Header Font Size

dropdown under the

Style

tab.

Page Title: custom-performance-reports

On this page

Custom Performance Reports

The custom performance report enables you to monitor the performance metrics of your infrastructure components based on your specific requirements. This report provides detailed insights into the performance characteristics of selected counters, allowing you to track key metrics and analyze trends over time.

Select the data to be displayed on the report

â€‹

To create a custom performance report, follow the steps below and configure the fields according to your monitoring needs:

Field

Description

Widget Type

Select the type of widget you want to view in the report, such as a

Chart

,

Grid

, or

Top N

. This determines the visualization format for the performance data.

Counter

Choose the counter for which you want to create the performance report. This defines the specific performance metric you want to monitor, such as CPU utilization, memory usage, or network traffic.

Aggregation

Use this option to apply Aggreagate function on all the available polling values. Refer

Select the Aggregate function
to understand more about the
Aggregation
function.

Source Filter

Narrow down the scope of the monitors that you want to include in the report by selecting either
Monitor

,

Group

, or

Tag

from the dropdown. This helps you focus on specific subset of monitors based on your selection.

Source

Select the specific monitors, groups, or tags to include in the report. Based on the selection made in
the previous field, this dropdown will display relevant options to narrow down the source of data for
the report. For example, if you selected

Monitor

in the previous field, the

Source

dropdown will display a list of all available monitors for you to select from.

Result By

Select the criteria for grouping the performance data. Refer

Select how the counters are grouped on the widget

to understand more about the

Result By

function.

Filters

Use additional filters to further refine the dataset included in the report.

By configuring these fields, you can create a custom performance report tailored to your organization's monitoring requirements, enabling you to gain insights into the performance status of your infrastructure.

Select how the data will be displayed on the report

â€‹

Chart

Grid

Top N

Select Chart Type

â€‹

Here, you can select multiple chart types which include the following:

Area Chart

Line Chart

Horizontal Bar Chart

Vertical Bar Chart

Stacked Area Chart

Stacked Line Chart

Stacked Horizontal Bar Chart

Stacked Vertical Bar Chart

You can chose any of these multiple chart types to specify how the chart will be visualised on the widget.

Chart Legend

â€‹

You can enable/disable the display of chart legend on the widget using the

Legend

toggle button.

X-axis Title/Y-axis Title/Z-axis Title

â€‹

You can display the x-axis, y-axis, and z-axis title on the chart widget by using the

X-Axis Title

,

Y-Axis Title

, and

Z-Axis Title

toggle button respectively. You can then enter the title of the respective axis in the field besides the toogle button.

Changing the angle of the X-Axis Title

â€‹

You can change the angle of the X-Axis Title in case there are multiple points on the X-Axis and they are not clearly legible. Enter the angle of rotation in the

Rotation

field to change the angle of the X-Axis.

Changing Line Width

â€‹

You can adjust the line width of the chart to control the thickness of the lines in your data visualization. A thicker line can make the data more prominent and easier to distinguish.

Adjust the slider titled

Line Width

to get the desired line width value. A higher value will result in thicker lines, while a lower value will make the lines thinner.

Changing Data Granularity

â€‹

Granularity refers to how data points are spaced on the chart widget, affecting the level of detail in your visualization. You can adjust the granularity to show data points at different intervals.

Enter a custom value of

Granularity

to define how far apart two consecutive data points are located on the chart.

note

the minimum granularity allowed is equal to the polling time for the specific metric of the device. If you enter a granularity value less than the polling time, it will automatically adjust to the polling time to ensure accurate representation of the data.

Adjusting the data granularity allows you to tailor the level of detail in your chart to meet your specific needs, ensuring that your data is presented in the most meaningful way for your analysis.

Sorting Data Points

â€‹

You can sort data points on the widget to highlight specific information or trends based on the available fields. Choose one of the following sorting options:

Option

Description

Top

Use this option to sort data points in descending order based on the highest values. This is helpful when you want to focus on the most critical data or the top performers.

Last

Select this option to sort data points such that the datapoints with the lowest values appear first.

Count

Specify the count of datapoints that you wish to view on the widget.

Changing the order of columns on the report

â€‹

Use simple drag and drop method to arrange the order of the columns. Drag the columns from the

Column Setting

tab and arrange them in the order you want to display on the report.

Changing the column display name

â€‹

You can change the column names in the report. Enter the column name that you wish to display on the report in the

Display Name

field of corresponding column under the

Column Setting

tab.

Hide a column on the report

â€‹

You can remove a column that you do not wish to display on the widget by hiding the column from the

Column Setting

tab. Click on the check box titled

Hide Column

to hide the column on the report.

Configure the columns in detail

â€‹

Click on the

Configure

option against the corresponding column you wish to configure from the

Column Setting

tab. A pop-up to configure the column appears.

The available options in the configuration pop-up are as follows:

Configuration Option

Description

Resizable

Use this toggle button to enable the resizing of the column width using drag and drop in the report.

Sortable

Use this toggle button to enable the widget sorting using the values of the selected column in the report.

Orderable

Use this toggle button to enable the option to change the order of the selected column using drag and drop in the report.

Width(%)

Enter the width(in percentage) of the column as you want to display on the report.

Add Color Configuration

Select this option to configure the color of the column on the report based on fixed threshold values.

Icon

Select a suitable icon that you wish to display with values of the column.

Icon Position

Select whether you want to display the icon selected in the previous option as a prefix or a suffix to the values in the column.

Change the column header size

â€œ

You can change the column header size from the

Header Font Size

dropdown under the

Style

tab.

The styling properties for the Top N Widget are the same as the

Chart

widget. You can refer the

Chart

tab to learn more about the same.

Page Title: custom-script-reports

On this page

Custom Script Reports

The create custom script report page allows users to generate reports based on custom scripts within the Motadata AIOps platform. This feature enables organizations to extract specific insights and metrics from their IT environment using customized scripts tailored to their unique monitoring requirements. By leveraging custom script reports, users can gain deeper visibility into key performance indicators, troubleshoot issues, and optimize their infrastructure effectively.

With this feature, organizations can develop and deploy scripts tailored to their specific monitoring needs, allowing them to collect, analyze, and visualize data in a way that aligns with their business objectives.

Select the Script Language

â€‹

Select the

Script Language

(

GO

,

Python

, or

Node.js

) that you wish you use to create the custom script report.

Write the Reporting Script

â€‹

Compose the

Reporting Script

according to your desired report format and data retrieval needs.

Below is an example of a

Node.js

script designed to showcase CPU Utilization metrics for all network devices within your infrastructure:

```
const readline = require("readline/promises");

const fs = require('node:fs');

const rl = readline.createInterface(process.stdin, process.stdout);

const cmdArgs = process.argv;

let reportContext = cmdArgs[cmdArgs.length - 1].replace(/^(--context=)/, "");

reportContext = JSON.parse(reportContext);

const reportDefination = {

  ...reportContext,

  "visualization.name": "CPU & MEMORY UTILIZATION (Network Device)",

  "visualization.timeline": {

    "relative.timeline": "today",

    "visualization.time.range.inclusive": "no"

  },

  "visualization.category": "Grid",

  "visualization.type": "Grid",

  "join.type": "any",

  "visualization.data.sources": [

    {

      "type": "metric",

      "join.type": "any",

      "visualization.result.by": [

        "monitor"
```

```
],  
"filters": {  
  "data.filter": {  
  
  },  
  "result.filter": {  
  
  }  
},  
"data.points": [  
  {  
    "data.point": "system.cpu.percent",  
    "aggregator": "avg",  
    "entities": ["Network"],  
    "entity.type": "category"  
  },  
  {  
    "data.point": "system.cpu.percent",  
    "aggregator": "min",  
    "entities": ["Network"],  
    "entity.type": "category"  
  },  
  {  
    "data.point": "system.cpu.percent",  
    "aggregator": "max",  
    "entities": ["Network"],  
    "entity.type": "category"
```

```
},  
  
{  
  "data.point": "system.memory.used.percent",  
  "aggregator": "avg",  
  "entities": ["Network"],  
  "entity.type": "category"  
},  
  
{  
  "data.point": "system.memory.used.percent",  
  "aggregator": "min",  
  "entities": ["Network"],  
  "entity.type": "category"  
},  
  
{  
  "data.point": "system.memory.used.percent",  
  "aggregator": "max",  
  "entities": ["Network"],  
  "entity.type": "category"  
},  
  
{  
  "data.point": "ping.latency.ms",  
  "aggregator": "avg",  
  "entities": ["Network"],  
  "entity.type": "category"  
}  
]  
  
},
```



```
{  
  "type": "availability",  
  "category": "metric",  
  "visualization.result.by": [  
    "monitor"  
  ],  
  "filters": {  
    "data.filter": {  
  
    }  
  },  
  "data.points": [  
    {  
      "data.point": "monitor.uptime.percent",  
      "aggregator": "avg",  
      "entities": ["Network"],  
      "entity.type": "category"  
    }  
  ]  
}  
],  
"visualization.properties": {  
  "grid": {  
    "searchable": "yes",  
    "column.selection": "no",  
    "header": "yes",  
    "style": {
```

```
    "header.font.size": "small"

  },

  "columns": [

  ]

}

},

"visualization.result.by": [

],

"granularity": {

  "value": 5,

  "unit": "m"

},

"join.type": "any",

"join.columns": [

  "monitor"

],

"container.type": "dashboard",

"_type": "0",

"id": -1

};

let allData = "

process.stdin.on("data", (data) => {

  allData += data;

  if (allData.indexOf("_|@#|_") >= 0) {

    const formattedData = JSON.stringify(JSON.parse(allData.toString().replace("_|@#|_", "")))
```

```
    writeOuput(formattedData)
  }
});

function writeOuput(output) {
  console.log(output + "_|@#|_");
}

(async function main(widget) {
  writeOuput(widget);
})(JSON.stringify(reportDefination));
```

Click the

Execute

button to view the report generated using the script in the window below the

Reporting Script

window in which you wrote the script.

Using the above script, you can generate the following report:

By utilizing custom script reports, you can tailor your reports to suit your specific monitoring requirements and extract valuable insights from your IT environment.

Page Title: how-to-create-custom-reports

On this page

Creating Custom Reports

Motadata AIOps offers a powerful feature that allows you to create custom reports tailored to your specific needs. The process to create custom reports in Motadata AIOps is divided into three steps, each focusing on different aspects of report creation:

Navigation

â€‹

Go to Menu, Select

Reports

. Click on

button to start creating a custom report.

The process of creating a custom report is simple and intuitive, consisting of three straightforward steps:

1. Report Type

â€‹

Begin by selecting the type of report you want to create. Choose from the following options:

Report Type

Description

Availability

Monitor the availability and uptime of your critical components.

Performance

Gain insights into the performance metrics of your infrastructure.

Inventory

View detailed information about all your monitored resources.

Active Alerts

Track currently active alerts within your environment.

Availability Alerts

Focus specifically on availability alerts.

Metric Alerts

Focus specifically on metric alerts.

Log Analytics

Analyze log data to uncover insights and trends.

Log Events

Focus on the raw log data.

Flow Analytics

Gain insights from network flow data.

Custom Script

Create custom reports using scripts tailored to your requirements.

Each report type serves a specific purpose and offers unique insights into your environment.

2. Report Criteria

â€‹

After selecting the report type, proceed to define the report criteria. This step involves specifying what data will be displayed on the report and how it will be presented. Similar to creating widgets on a dashboard, you have the flexibility to choose from various visualization options and configure the data sources. Additionally, you can preview the report you are creating in this step to assess how your report will appear before finalizing it.

The process of defining the criteria for a report will depend on the Report Type that you select in the Step 1. Click on the corresponding links below to define criteria for each report type:

[Availability Report](#)

[Performance Report](#)

[Inventory Report](#)

Active Alerts Report

Availability Alerts Report

Metric Alerts Report

Log Analytics Report

Log Events

Flow Analytics Report

Custom Script Report

3. Report Properties

â€‹

Once the report criteria are specified, proceed to define the report properties. Here, you can set properties such as the name of the report, the category it belongs to, the schedule for sending the report to specific individuals, and more.

Here, you can define the essential properties of your report to ensure proper categorization and easy identification. These properties help organize your custom reports effectively.

Enter the details on the Report Properties screen as following:

Field

Description

Report Name

Provide a unique report name to identify the report.

Report Description

Provide a description of the report.

Report Category

Select the category of the report.

Report Orientation

-

Auto

: Select this so that the layout of your report gets auto adjusted according to the number of columns

in the report.

-

Portrait

: Select this option to set the layout of your report as

Portrait

-

Landscape

: Select this option to set the layout of your report as

Landscape

Schedule

Use this toggle button to schedule your custom report. Configure the scheduling settings including recipients, date, and time for sending the report to specific individuals.

Select

Save & Exit

to create the report and exit.

By following these three steps, you can create custom reports tailored to your organization's specific monitoring requirements, enabling you to gain deeper insights and make informed decisions about your IT environment.

Page Title: inbuilt-reports

On this page

Out-of-Box Inbuilt Reports

Overview

â€‹

Discover the wealth of information available at your fingertips with Motadata AIOps' extensive library of built-in reports. Organized into two main categories -

Performance

and

Availability

- and also segmented by infrastructure types such as

Network

,

Server

,

Process

,

Service Check

,

Wireless

, and

Virtualization

, these reports offer valuable insights to optimize your IT environment.

Navigation

â€‹

Go to Menu, Select

Reports

.

The Reports screen is displayed.

Reports Screen

â€œ

Categorisation of Reports

â€œ

Explore the conveniently and intelligently organized reports on the left-side panel, categorized into the following sections:

Performance Reports

Gain deep insights into your infrastructure's performance metrics, including CPU utilization and network performance, and more to identify bottlenecks, monitor resource utilization, and make data-driven decisions to optimize your IT infrastructure.

Availability Reports

Ensure the uptime and availability of critical components by tracking downtime incidents and addressing areas that require immediate attention.

Reports based on Infrastructure type

Access reports tailored to your organization's specific monitoring needs, categorized into different infrastructure types including

Network

,

Server

,

Process

,

Service Check

,

Wireless

, and

Virtualization

sections.

Report Details

â€‹

You can view the details related to the created reports on this screen as follows:

Field

Description

Name

The name of the report. Click on this report name to view the report.

Description

The description of the what the report shows.

Type

Indicates the type of data displayed (e.g., alert, performance, availability).

Schedule

Use this button to schedule the report to be sent to specific users at a scheduled time.

Download

Use this button to download the report in PDF format.

Actions

Select the

button to display the following options:

-

Clone Report

: Select this button to create a report similar to the selected report.

-

Email This Report

: Select this button to send the report as an E-mail.

Page Title: log-events-reports

On this page

Log Events Reports

Select the data to be displayed on the report

â€‹

Generate detailed reports of raw log events to gain deeper insights into your infrastructure's logging activities. The

Custom Log Events Report

allows you to monitor and analyze specific log counters such as log messages, event severity, event source, and more. These reports are critical for identifying anomalies, tracking incidents, and maintaining a detailed log history for compliance purposes.

Select the data to be displayed in the report

â€‹

To create a custom log events report, follow the steps below and configure the fields according to your monitoring needs:

Field

Description

Counter

Choose the counter for which you want to create the Log Events report. This defines the specific log event counters that you want to monitor, such as log message, event severity, event source, and more.

Source Filter

Narrow down the scope of the log sources that you want to include in the report by selecting either

Event Source Type

,

Event Category

,

Event Source

, or

Group

from the dropdown. This helps you focus on a specific subset of log sources based on your selection.

Source

Select the specific log sources to include in the report. Based on the selection made in the previous field, this dropdown will display relevant options to narrow down the data source for the report. For example, if you selected

Event Source

in the previous field, the

Source

dropdown will display a list of all the available IPs from which logs are ingested.

Filters

Use additional filters to further refine the dataset included in the report.

By configuring these fields, you can create a custom log events report that aligns with your log monitoring requirements and delivers crucial insights into your log data.

Select how the data will be displayed on the report

â€‹

Changing the order of columns on the report

â€‹

Use simple drag and drop method to arrange the order of the columns. Drag the columns from the Column Setting

tab and arrange them in the order you want to display on the report.

Changing the column display name

â€‹

You can change the column names in the report. Enter the column name that you wish to display on the report in the

Display Name

field of corresponding column under the

Column Setting

tab.

Hide a column on the report

â€‹

You can remove a column that you do not wish to display on the widget by hiding the column from the

Column Setting

tab. Click on the check box titled

Hide Column

to hide the column on the report.

Configure the columns in detail

â€‹

Click on the

Configure

option against the corresponding column you wish to configure from the

Column Setting

tab. A pop-up to configure the column appears.

The available options in the configuration pop-up are as follows:

Configuration Option

Description

Resizable

Use this toggle button to enable the resizing of the column width using drag and drop in the report.

Sortable

Use this toggle button to enable the widget sorting using the values of the selected column in the report.

Orderable

Use this toggle button to enable the option to change the order of the selected column using drag and drop in the report.

Width(%)

Enter the width(in percentage) of the column as you want to display on the report.

Add Color Configuration

Select this option to configure the color of the column on the report based on fixed threshold values.

Icon

Select a suitable icon that you wish to display with values of the column.

Icon Position

Select whether you want to display the icon selected in the previous option as a prefix or a suffix to the values in the column.

Change the column header size

â€‹

You can change the column header size from the

Header Font Size

dropdown under the

Style

tab.

Specify the count of log events

â€‹

You can specify the count of log events to be displayed on the report from the

Event Count

tab.

Page Title: overview

On this page

Reports

Overview

â€‹

Unlock the power of your monitoring data with the Reports module in Motadata AIOps. With Reports, you can transform your data into comprehensive insights, enabling you to make informed decisions and optimize your IT environment. Dive into over 150+ built-in reports and the flexibility to create custom reports, tailoring your reporting experience to meet your unique needs.

Explore how Reports serve as a valuable tool for analyzing and interpreting your infrastructure's health and performance. Identify patterns, trends, and anomalies impacting your operations, and gain actionable insights to drive improvements. Whether you're tracking system availability, monitoring resource utilization, or analyzing application performance, Reports equips you with the information you need to maximize the efficiency and effectiveness of your IT environment.

Use-Case

â€‹

Network Administrator's Insight: As a Network Administrator, pinpoint areas requiring optimization or additional bandwidth allocation using reports like

All Network Monitors Summary - Last Day

. Gain a comprehensive overview of network performance metrics, highlighting bottlenecks or congestion points.

System Administrator's Troubleshooting Aid: Respond promptly to incidents and troubleshoot effectively with reports like

All Network Monitors Summary - Last Day

. Quickly identify deviations from normal network behavior, minimizing downtime, and ensuring smooth operations.

IT Operations Manager's Optimization: Optimize infrastructure performance with reports like

Top 25 Process by CPU Utilization - Last Week

. Compare the performance of different processes, identify resource-intensive processes, and take necessary actions to optimize system performance. This information is crucial for capacity planning, enabling effective resource allocation, identifying potential capacity issues, and making informed decisions regarding infrastructure upgrades.

Network Performance Optimization: Ensure optimal performance across the network with reports like

Top 25 Monitors by CPU Utilization - Last Week

. Gain insights into CPU utilization of various monitors, identify resource-intensive monitors, optimize resource allocation, and ensure optimal network performance.

These use cases demonstrate how the reports in Motadata AIOps provide valuable insights for different stakeholders, enabling them to optimize network performance, make informed decisions, and ensure a reliable and efficient IT infrastructure.