ScienceLogic

Skylar Analytics Release Notes

Version 1.6.0

Overview

Skylar Analytics contains a set of tools that lets you view, analyze, and use the data SL1 gathers and sends to the Skylar AI engine. Skylar Analytics insights are presented in the SL1 user interface, in a ScienceLogic-hosted instance of Apache Superset, and in the Skylar AI API.

Version 1.6.0 of Skylar Analytics includes new forecasting and Device Vitals options in the Data Visualization component, and also a number of other new features and addressed issues.

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IMPORTANT: Skylar Analytics requires SL1 version 12.3.2 or later. ScienceLogic strongly recommends that you always use the most recent SL1 and AP2 releases in conjunction with the most recent Skylar AI release. Using the most recent releases will ensure that your Skylar AI system has access to the latest datasets and features. For more information, see the ***SL1 Platform and AP2 Release Notes***.

New Features and Enhancements in Version 1.6.0

The following new features are included in this release of Skylar Analytics:

- The Data Visualization component now supports forecasting by using the predictive analysis configurations of certain Data Visualization charts. By enabling the forecast function on a metric, you can create charts that predict future values, which helps you understand upcoming trends and capacity planning.
- The Data Visualization component now includes the following Device Vitals metrics: Availability, Latency, CPU, Memory, and Swap. As a result, you can create a unified chart with all of the vitals across different data collection types.
- Added a new workflow to access ODBC for the Data Exploration component. In previous releases, the ScienceLogic team member provisioning a new account had to communicate user name and password credentials to the customer for ODBC in a view that was only available to ScienceLogic. The new workflow requires the administrator to create ODBC users and set user password from the **[ODBC Users]** tab in the **Analytics Admin** section of the **Skylar Settings** page. This tab is only available to users with a Skylar Analytics license that have ODBC enabled.
- On the **Events** page in SL1 that displays after you click the **[Visit]** button for **Skylar Predictive Alerting** on the **Skylar AI** page in SL1, the word "Prediction" appears in the filter field for the **Message** column. To clear the list of predictive alerts to view all events, click the X button in the filter.

TIP: To view the Skylar Analytics documentation online, see the *Skylar Analytics Product Documentation*.

Issues Addressed in Version 1.6.0

This section describes the issues that were addressed in this release of Skylar Analytics.

- Before this release of Skylar Analytics, single-sign-on (SSO) using SAML for multiple accounts to the same SAML provider for some providers was not available. This behavior occurred because the Service Provider Metadata Entity ID was identical for all accounts. In this release, the Entity ID includes account information, which enables SSO using SAML. Existing SSO configurations will need to be reapplied after upgrading to this release.
- On the **Skylar AI** page in SL1, updated the link related to Skylar Advisor so it goes to the **Skylar Advisor** page at the main ScienceLogic website. Also, the text on the **Skylar AI** page in SL1 was updated.
- Addressed an issue where anomaly detection events were not generated for any devices in SL1 if anomaly detection was enabled for a metric on a device in an SL1 organization, and that organization was not configured to export data to Skylar AI.
- Increased CPU for the metadata service and added a timeout to the metadata ingress to resolve issues with data collection.

After Upgrading Your SL1 Version

If you upgraded your version of SL1 to a new release, you will need to run the Skylar SL1 Management script again. The script is named `sl-otelcol-mgmt.py`, and it is included with Skylar Analytics in the `sl-otelcol` RPM package.

To run the Skylar SL1 Management script after an SL1 upgrade:

1. Use the following command to run the Management script on the Database Server (an SL1 Central Database or an SL1 Data Engine):

```
sudo sl-otelcol-mgmt.py -vv skylar --skylar-all
```

2. To check the status of the installation, run the following command:

```
sudo sl-otelcol-mgmt.py -vv status
```

You should see the following messages in the output:

```
---------- checking feature toggles

SL_EXPORT_EVENTS = False

SL_EXPORT_METRICS = True

SL_EXPORT_CONFIG = True

---------- checking services

sl-otelcol is enabled and running

---------- checking connectivity

checking: Skylar endpoint is healthy

checking: local OTELCOL endpoint is healthy
```

For more information about upgrading and setup, see *Getting Started with Skylar Analytics*.

Known Issues

This release has no known issues.

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