



MySQL PowerPack Release Notes

Version 103

Overview

Version 103 of the MySQL PowerPack includes a new sample credential and updates to Dynamic Applications and Device Categories.

- **Minimum Required SL1 Version:** 12.1.0
- **Minimum Required MySQL Version:** 5.6.0

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Before You Install or Upgrade

Ensure that you are running version 12.1.0 or later of SL1 before installing "MySQL" PowerPack version 103.

NOTE: For details on upgrading SL1, see the relevant [SL1 Platform Release Notes](#).

Installation and Upgrade Process

To install this PowerPack:

1. Search for and download the PowerPack from the **PowerPacks** page (Product Downloads > PowerPacks & SyncPacks) at the [ScienceLogic Support Site](#).
2. In SL1, go to the **PowerPacks** page (System > Manage > PowerPacks).
3. Click the **Actions** menu and choose *Import PowerPack*. The **Import PowerPack** modal appears.
4. Click **[Browse]** and navigate to the PowerPack file from step 1.
5. Select the PowerPack file and click **[Import]**. The **PowerPack Installer** modal displays a list of the PowerPack contents.
6. Click **[Install]**. The PowerPack is added to the **PowerPack Manager** page.

Features

This release includes the following features:

- Dynamic Applications to discover, model, and monitor performance metrics and collect configuration data for MySQL servers and instances.
- Execution environments to process data and commands for MySQL.

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 103 of the "MySQL" PowerPack:

- Updated the PowerPack to use the Python 3 execution environment.
- Removed the "Handler_Tmp_Delete" variable from the Handler Temporary series in the "MySQL: Instance Handler Performance" Dynamic Application.
- Updated the collection objects for the "MySQL: Instance Configuration" Dynamic Application to use the SHOW GLOBAL VARIABLES query to retrieve instance defaults instead of session defaults. The "Error Count" and "Warning Count" collection objects will still use the SHOW VARIABLES query as they are unavailable in the GLOBAL view.

Known Issues

The following known issues affect version 103 of the MySQL PowerPack:

- When the server log level variable (log_error verbosity on MySQL, log_warnings on MariaDB) is set to information on a monitored device, a "Got Packets out of order" message may appear in some entries every 15 minutes.
- Version 103 of the MySQL PowerPack does not support error logs from MySQL on a Docker container.
- The MySQL PowerPack only parses errors (and not warnings) from the files set by the variable log_error. If it is set, it does not parse from stderr
- Users need to have permission to read the MySQL error log file on Linux servers. To enable this, execute the following command:

```
sudo usermod -a -G mysql <ssh user>
```

- The MySQL PowerPack is not supported on Military Unique Deployment (MUD) systems.
- The caching_sha2_password plugin is not supported in MySQL 8. Users should use mysql_native_password.

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