# MySQL PowerPack Release Notes

Version 101

# Overview

Version 101 of the *MySQL* PowerPack includes security updates and a discovery enhancement to a Dynamic Application.

- **Minimum Required SL1 Version**: 8.14.0


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# Before You Install or Upgrade

Ensure that you are running version 8.14.0 or later of SL1 before installing "MySQL" PowerPack version 101.

**NOTE:** For details on upgrading SL1, see the relevant ***SL1 Platform Release Notes***.

# Installation and Upgrade Process

**NOTE:** If you are currently using the Dynamic Applications in this PowerPack to monitor devices, collection errors might occur for one or two polling cycles during the installation of a new version. To prevent collection errors during an upgrade, you can optionally disable collection for monitored devices before performing the following steps and re-enable collection after the upgrade.

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 are included in the PowerPack:

- Addressed an issue in which the MySQL: Discovery Dynamic Application did not return results. To discover a MySQL instance with one port, users must specify the "Range" header as "Range:<port_begin>-<port_end>". Meaning, "port_begin" and "port_end" must be the same port. For example, "Range:7706-7706".
- Added a new execution environment, "My SQL EE", to work with all Dynamic Applications and Run Book Actions in the PowerPack.
- Snippet logging was updated in the PowerPack to improve security.
- Addressed an issue in which non-MySQL devices logged the following error: "Credential does not have header: Service: MySQL". Errors will no longer be logged for non-MySQL devices.

# Known Issues

The following known issues affect version 101 of the *MySQL* PowerPack:

- Version 101 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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800-SCI-LOGIC (1-800-724-5644)

International: +1-703-354-1010