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# MySQL PowerPack Release Notes

Version 100

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## Overview

Version 100 is the initial version of the *MySQL PowerPack*. This PowerPack monitors MySQL configuration and performance metrics.

- **Minimum Required Platform Version:** 8.8.0
- **Support Status:** Beta

**NOTE:** Version 100 of the *MySQL PowerPack* does not monitor MySQL clusters.

**NOTE:** Version 100 of the *MySQL PowerPack* is not supported on Military Unique Deployment (MUD) systems.

This document describes:

- [Pre-installation information](#)
- [The installation process for the PowerPack](#)
- [The features included in version 100](#)
- [The known issues that affect version 100](#)

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## Before You Install

Ensure that you are running version 8.8.0 or later of the ScienceLogic platform before installing the *MySQL PowerPack* version 100.

**NOTE:** For details on upgrading the ScienceLogic platform, see the appropriate ScienceLogic [Release Notes](#).

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## Installation Process

To install the *MySQL PowerPack* for the first time, perform the following steps:

1. See the [Before You Install](#) section. If you have not done so already, upgrade your system to the 8.8.0 or later release.
2. Download version 100 of the *MySQL PowerPack* from the Customer Portal to a local computer.
3. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. When prompted, import version 100 of the PowerPack.

4. After importing the PowerPack, you will be prompted to install the PowerPack. Click the **Install** button to install the PowerPack.

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## Included Features

MySQL PowerPack version 100 includes the following features:

- Dynamic Applications to discover, model, and monitor performance metrics and collect configuration data for MySQL servers and instances, including:
  - MySQL: Discovery
  - MySQL: Events Errors Summary Configuration
  - MySQL: Instance Commands Performance
  - MySQL: Instance Configuration
  - MySQL: Instance Discovery
  - MySQL: Instance Handler Performance
  - MySQL: Instance InnoDB Buffer Pool Performance
  - MySQL: Instance InnoDB Configuration
  - MySQL: Instance InnoDB Data Performance
  - MySQL: Instance InnoDB Row Performance
  - MySQL: Instance Overall Performance
  - MySQL: Instance Sort and Select Performance
  - MySQL: Instance Table Locking Performance
  - MySQL: Instance Threads and Connections Performance
  - MySQL: Linux Instance Error Log Configuration
  - MySQL: Performance Schema Statements Configuration
  - MySQL: Performance Schema Summary Statement Configuration
  - MySQL: Process List Configuration
  - MySQL: Statements With Error/Warning Configuration
  - MySQL: Windows Interface Error Log Configuration
- Device Classes for MySQL Servers and MySQL instances
- A sample credential for discovering MySQL servers
- Event Policies and corresponding alerts that are triggered when MySQL servers and instances meet certain status criteria
- A Device Dashboard for viewing data about MySQL instances

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## Known Issues

The following known issues affect version 100 of the *MySQLPowerPack*:

- Version 100 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 `cached_sha2_password` plugin is not supported in MySQL 8. Users should use `mysql_native_password`.



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