



IBM: MQ PowerPack Release Notes

Version 104

Overview

Version 104 of the *IBM: MQ PowerPack* has been updated for Python 3.6 compatibility.

- **Minimum Required SL1 Version:** 12.1.0

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Before You Install

Ensure that you are running version 12.1.0 or later of SL1 before installing "IBM: MQ" PowerPack version 104.

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

Installation Process

To install version 104 of the *IBM: MQ PowerPack*, perform the following steps:

TIP: By default, installing a new version of a PowerPack will overwrite all content in that PowerPack that has already been installed on the target system. You can use the **Enable Selective PowerPack Field Protection** setting in the **Behavior Settings** page (System > Settings > Behavior) to prevent the new version of the PowerPack from overwriting local changes for some commonly customized fields.

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. Familiarize yourself with the [Known Issues](#) for this release.
2. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the 12.1.0 or later release.

3. Download the "IBM: MQ" version 104 PowerPack from the Support Site to a local computer.
4. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. When prompted, import "IBM: MQ" version 104.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

See the manual **Monitoring IBM MQ** for instructions on using the new PowerPack.

Features

This release includes the following features:

- Dynamic Applications to discover, model, and monitor performance metrics and collect configuration data for IBM MQ devices
- Event policies that are triggered when IBM MQ devices meet certain status criteria
- Example credentials that you can use to connect to IBM MQ devices
- Device classes for each of the IBM MQ components that the PowerPack can monitor
- Two device dashboards that display information about Queues and Queue Managers
- A universal credential and guided discovery

Enhancements and Issues Addressed

The following enhancements and addressed issues are included this release of the "IBM: MQ" PowerPack:

- This PowerPack is now Python 3.6 compliant.
- Addressed an issue in the "IBM: Queue Performance" Dynamic Application displayed incorrect labels. Moved all labels to Group 0, removed the Stats label, and updated the alerts tied to those labels. (Cases: 00392676; 00404130)
- Improved the "IBM: MQ Queue Performance" Dynamic Application by implementing a new parser.
- Addressed an issue in which not all MQ QMGRs were being discovered by the "IBM: MQ Discovery" Dynamic Application. (Case: 00357992)
- Updated the "IBM: Queue Performance" Dynamic Application to improve the performance execution for PowerShell request.
- Added the "IBM MQ: Queue message depth back to normal" and "IBM MQ: Transmission Queue back to normal" alerts and events to the "IBM: MQ Queue Performance" Dynamic Application.
- Updated the Universal Credential to allow the **Password** field to accept empty values and updated the **PEM Key** field to allow multiple lines of input.

Known Issues

The following known issues affect version 104 of the *IBM: MQ* PowerPack:

- Concurrent SSH collection is not supported with this PowerPack and should not be enabled. Concurrent SSH collection was removed from SL1 versions 11.1.6.1 and later.
- For Windows users, in the "IBM: MQ Cluster Channel Configuration" Dynamic Application, when a channel is configured with a cluster and that cluster is deleted, the status for that cluster cannot be returned.
- For Windows users, in the "IBM: MQ Cluster Channel Configuration" Dynamic Application, the "CLUSSDRA" and "CLUSSDRB" are shown as "CLUSSDR".
- For Windows users, the "IBM: MQ Discovery" Dynamic Application currently does not return "Connections", "Parent Queue Manager", or "Start Date" metrics. On some MQ installations, SL1 may be unable to collect the "Standby Host" property.
- For Windows users, the "IBM: MQ Queue Manager Configuration" Dynamic Application currently does not return "Connections", "Parent Queue Manager", or "Start Date" metrics.

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