



IBM: MQ PowerPack Release Notes

Version 103

Overview

Version 103 of the *IBM: MQ* PowerPack adds a universal credential and guided discovery for *IBM: MQ*, and addresses an error that occurred during failed discovery.

- **Minimum Required SL1 Version:** 11.2.0

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Before You Install

Ensure that you are running version 11.2.0 or later of SL1 before installing *IBM: MQ* version 103.

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

Installation Process

To install version 103 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 11.2.0 or later release.
3. Download the *IBM: MQ* version 103 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 103.
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

Version 103 of the *IBM: MQ* PowerPack 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

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 103 of the *IBM: MQ* PowerPack:

- Added a universal credential for IBM MQ.
- Added guided discovery workflow for IBM MQ.
- Added queue filtering to the universal credential editor. If you select include, discovery will only model the queue managers or queues provided in the **Queues name** field. If you select exclude, queue managers or queues entered will not be discovered.
- Added the Private Key (PEM Format) field to the credential editor for SSH/Key credentials.
- Added a function to the "IBM: MQ Queue Discovery" Dynamic Application to split larger requests of queues to be discovered sent to Windows into smaller ones to prevent failure due to the size of the request.
- Addressed an issue that caused the error message "local variable 'ibm' referenced before assignment" to display when IBM: MQ discovery failed.

Known Issues

The following known issues affect version 103 of the *IBM: MQ* PowerPack:

- 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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