



IBM: DB2 PowerPack Release Notes

Version 104

Overview

Version 104 of the *IBM: DB2* PowerPack includes an update to the **silos_apps** library and a number of addressed issues.

- **Minimum Required SL1 Version:** 10.1.0

This document describes:

Before You Install or Upgrade	2
Installation or Upgrade Process	2
Features	3
Enhancements and Issues Addressed	3
Known Issues	4

Before You Install or Upgrade

NOTE: Historic data is not preserved when upgrading from version 100, 101, or 102 to version 103 or greater. See the [Known Issues](#) for more details.

Ensure that you are running version 10.1.0 or later of SL1 before installing *IBM: DB2* version 104.

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

Installation or Upgrade Process

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 version 104 of the *IBM: DB2* PowerPack, perform the following steps:

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 10.1.0 or later release.
3. Search for and download the *IBM: DB2* PowerPack from the **PowerPacks** page on the [ScienceLogic Support Site](#).
4. In SL1, go to the **PowerPack Manager** page (System > Manage > PowerPacks).
5. Click the **[Actions]** button and choose *Import PowerPack*. The **Import PowerPack** modal appears.
6. Click **[Browse]** and navigate to the PowerPack file from step 3.
7. Select the PowerPack file and click **[Import]**. The **PowerPack Installer** modal displays a list of the PowerPack contents.
8. Click **[Install]**. After the installation is complete, the PowerPack appears on the **PowerPack Manager** page.

See the **Monitoring IBM DB2** manual for instructions on using the PowerPack.

Features

Version 104 of the *IBM: DB2* PowerPack includes the following features:

- Dynamic Applications to discover, model, and monitor performance metrics and collect configuration data for IBM Db2 devices
- Event Policies that are triggered when Db2 devices meet certain status criteria
- Example Credentials that you can use to connect to IBM Db2 databases and instances
- A Run Book Action and Run Book Automation policy for aligning Dynamic Applications
- A device dashboard to display information about Db2 instances

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 104 of the *IBM: DB2* PowerPack:

- Updated the **silos_apps** library in this PowerPack to version 3.1.4 to support SL1 11.2.0 or later. ([SOL-18127](#))
- Added the "IBM DB2: Max Tablespace Count" threshold to the "IBM DB2: Tablespace Discovery" Dynamic Application to limit the number of devices built from discovery. ([SOL-17449](#))
- The "Tablespace Count" collection object was added to the "IBM DB2: Tablespace Discovery" Dynamic Application, displaying the total Tablespaces that exist in the database. ([SOL-17449](#))
- Addressed an issue where databases were not discovered due to a parsing issue that occurred when there are more than nine databases. (Case: 00226012. Jira ID: SOL-17952)
- Additional configuration information was added to the latest version of the manual, including information about using a PEM key when collecting data. For more information, see the **Monitoring IBM Db2** manual. ([SOL-17716](#))

Known Issues

The following known issues affect version 104 of the *IBM: DB2 PowerPack*:

- Historic data is not preserved when upgrading from version 100, 101, or 102 to version 103 or greater of the PowerPack. Databases are discovered under Instances and Tablespaces are discovered under Databases. As a result, some Dynamic Applications have been relocated to the Database and Tablespace level. Due to the relocation of these Dynamic Applications, historical data will be lost.
- You may see the message "<Metric Name> is not valid in the context where it is used. SQLSTATE=42703 SQLCODE=-206" in the component log. This could happen in certain versions of Db2 such as version 9.7, in which some metrics monitored do not exist.
- This PowerPack does not currently support Military Unique Deployment (MUD) systems.
- When using the IBM DB2 PowerPack, some errors are logged to the collector syslog due to missing permissions. These errors will not cause any collection issues, but can be bothersome if you are monitoring the syslog. To clean up the errors, run the following commands on the collector you will be using to monitor your DB2 servers:

```
sudo chmod o+w /usr/lib64/python2.7/site-packages/clidriver/  
sudo chmod o+w /usr/lib64/python2.7/site-packages/clidriver/cfgcache/conlic.bin
```
- For Linux and Unix users, the user profiles that you create on the database will likely need to use a shell. If that is the case, Linux users should use Bash and Unix users should use KornShell. You should not use Shell (sh) as the user shell, as doing so could result in shell-related errors appearing in the Device Log.

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