



Dynatrace PowerPack Release Notes

Version 104

Overview Dynatrace PowerPack Release Notes, version 104



Version 104 of the Dynatrace PowerPack includes security updates and updates to Dynamic Applications.

- **Minimum Required Platform 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 Dynatrace version 104.

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

Installation or Upgrade Process

To install version 104 of the Dynatrace 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.

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 8.14.0 or later release.
3. Search for and download the Dynatrace 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 page 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 manual *Monitoring Dynatrace* for instructions on using the PowerPack.

Features

Version 104 of the *Dynatrace PowerPack* includes the following features:

- Dynamic Applications to discover and monitor Dynatrace devices

NOTE: The Dynamic Applications in this version will create dynamic component map relationships between the following device types:

- Dynatrace Hosts and Dynatrace Services
- Dynatrace Services and Dynatrace Applications
- Dynatrace Hosts and Azure Virtual Machines, for users who also have the *Microsoft: Azure PowerPack* version 108 or greater installed
- Dynatrace Hosts and Azure Virtual Machine Scale Sets, for users who also have the *Microsoft: Azure PowerPack* version 108 or greater installed
- Dynatrace Hosts and Linux Servers, for users who also have the *Linux Base Pack PowerPack* version 102 or greater installed
- Dynatrace Hosts and VMware Virtual Machines, for users who also have the *VMware: vSphere Base Pack PowerPack* version 210 or greater installed
- Dynatrace Hosts and Windows Servers, for users who also have the *Microsoft: Windows Server PowerPack* version 107 or greater or the *Microsoft Base Pack PowerPack* version 106 or greater installed

- Device Classes for each of the Dynatrace components that the PowerPack can monitor
- Event Policies that are triggered when Dynatrace component devices meet certain status criteria

- Sample SOAP/XML Credentials that you can use to create your own Dynatrace Credential
- A Device Template that aligns Dynamic Applications to the Dynatrace Environment virtual device and enables you to discover component devices for that environment
- Device Dashboards that display information about Dynatrace component devices

Enhancements and Issues Addressed

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

- The sample credentials in the PowerPack were updated to use the **Embedded Password [%P]** field for the API token.
- Snippet logging was updated in the PowerPack to improve security.
- The following Dynamic Applications were updated to optimize performance:
 - Dynatrace: Application Configuration
 - Dynatrace: Host Configuration
 - Dynatrace: Service Configuration
- Support for pagination was added to the PowerPack to address an issue in which the root device was erroneously receiving connection errors with the API. Users can update the page size using headers in the sample credential.
- Caching was optimized in the PowerPack to support larger numbers of resources.

Known Issues

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

- Users must create SOAP/XML credentials in the SL1 classic user interface, as there is an issue in which credentials created in the new SL1 user interface will not discover Dynatrace resources. This issue will be fixed in SL1 version 11.1.0.
- Version 103 of the PowerPack causes a library conflict with the *Microsoft: Azure PowerPack*. If you are using the *Microsoft: Azure PowerPack*, it needs to be upgraded to version 113 or greater before installing or upgrading the PowerPack.
- The PowerPack is unable to discover or collect data for component devices that contain special characters.

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