



Dynatrace PowerPack Release Notes

Beta Version 101

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Overview

Version 101 of the *Dynatrace* PowerPack includes the addition of the REST API content libraries and new Device Categories and Device Classes.

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

This document describes:

- [Pre-installation or pre-upgrade information](#)
- [The installation process for the PowerPack](#)
- [The features included in version 101](#)
- [The enhancements and issues addressed in version 101](#)
- [The known issues for version 101](#)

Before You Install or Upgrade

Ensure that you are running version 8.8.0 or later of SL1 before installing the *Dynatrace* PowerPack version 101.

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

Installing or Upgrading to Dynatrace PowerPack version 101

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 the *Dynatrace* 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 the *Dynatrace* PowerPack for the first time or to upgrade from a previous version, perform the following steps:

1. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the 8.8.0 or later release.
2. Familiarize yourself with the [Known Issues](#) for this release.
3. Download version 101 of the *Dynatrace PowerPack* from the Customer Portal 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 version 101 of the *Dynatrace PowerPack*.
5. After importing the PowerPack, you will be prompted to install the PowerPack. Click the **[Install]** button to install the PowerPack.
6. See the manual **Monitoring Dynatrace** for instructions on using the PowerPack.

Features

Dynatrace PowerPack version 101 includes the following features:

- Dynamic Applications to discover and monitor Dynatrace devices

NOTE: The Dynamic Applications in version 101 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 *Dynatrace PowerPack* can monitor
- Event Policies that are triggered when Dynatrace component devices meet certain status criteria
- A sample SOAP/XML Credential ("Dynatrace Credential Example") that you can use to create your own Dynatrace Credential
- A Device Template ("Dynatrace 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 101 of the *Dynatrace PowerPack*:

- The PowerPack has been updated to reduce the number of API requests to the Dynatrace API, resolving sigterm and most data gaps. Devices with data gaps in Dynatrace will also have gaps in SL1.
- The "REST Monitoring" Dynamic Application and the REST API content libraries were added to the PowerPack.
- The "Queue Interaction Service" and "Queue Listener Service" Device Classes were added to the PowerPack.
- The following Device Categories were added to the PowerPack:
 - APM
 - APM.Application
 - APM.Host
 - APM.Service
- Icons have been assigned to all Device Classes and Device Categories in the PowerPack.
- The following Dynamic Applications were updated to enable Summarization State:
 - Dynatrace: Host CPU Performance
 - Dynatrace: Host Disk Performance
 - Dynatrace: Host Memory Performance
 - Dynatrace: Service Performance
- The "Dynatrace: Host Configuration" Dynamic Application was updated to include the "IP Addresses" collection object for the host IP address.
- The "Dynatrace: Problems" Dynamic Application was updated to add the Dynatrace Display Name to event messages.
- The "Dynatrace: Events" Dynamic Application was updated to add the Event ID to event messages.
- The "Dynatrace: Service Configuration", "Dynatrace: Application Configuration", and "Dynatrace: Host Configuration" Dynamic Applications were updated to reduce the number of API calls.

Known Issues

The following known issue affects version 101 of the *Dynatrace PowerPack*:

- The *Dynatrace* PowerPack is unable to discover or collect data for component devices that contain special characters.

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