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# Dynatrace PowerPack Release Notes

Version 106

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## Overview

Version 106 of the *Dynatrace* PowerPack includes new Dynamic Applications that add support for version 2 of the Dynatrace Events and Problems APIs, and updates the PowerPack to use Python 3.

- **Minimum Required SL1 Version:** 11.3.0

<i>Before You Install or Upgrade</i> .....	2
<i>Installation or Upgrade Process</i> .....	2
<i>Features</i> .....	3
<i>Enhancements and Issues Addressed</i> .....	4
<i>Known Issues</i> .....	5

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## Before You Install or Upgrade

Ensure that you are running version 11.3.0 or later of SL1 before installing *Dynatrace* version 106.

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

## Before Upgrading from Version 105 to Version 106 of the PowerPack

If you are upgrading to version 106 from version 105, perform the following steps before you upgrade:

1. Go to the **Credentials** page (Manage > Credentials).
2. Locate the Dynatrace credential that you are using, click the actions icon (⋮) and select **Edit/Test**.
3. Remove any values from the **HTTP Auth Password** and **Proxy Password** fields.
4. Click **[Save & Close]**.
5. If a **Proxy Password** is required, open the credential again after saving and add the password.

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## Installation or Upgrade Process

To install version 106 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.

**WARNING:** If you are upgrading the PowerPack from version 105 to version 106, perform the steps in the [Before You Install or Upgrade](#) section or your data collection will stop.

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 11.3.0 or later release.
3. Download the *Dynatrace* version 106 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 *Dynatrace* version 106.
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 Dynatrace* for instructions on using the PowerPack.

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## Features

Version 106 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

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## Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 106 of the *Dynatrace PowerPack*:

- The PowerPack was updated to use Python 3.
- All Dynamic Applications in the PowerPack were updated to use the "Dynatrace EE py3" execution environment.
- The following Dynamic Applications were added to the PowerPack:
  - Dynatrace: Events v2
  - Dynatrace: Problems v2

**NOTE:** To use the v2 Dynamic Applications, you must create a new v2 API token with the scope names "Read Problems" and "Read Events" in the Dynatrace portal and create a new credential for the v2 Dynamic Applications.

- The "silo\_logs" content library was removed from the following Dynamic Applications:

- Dynatrace: Events
- Dynatrace: Problems
- The "REST: Performance Metrics Monitor" Dynamic Application was removed from the Dynatrace device template.

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## Known Issues

The following known issues affect version 106 of the *Dynatrace PowerPack*:

- Dynatrace Dynamic Applications will try to write logs to an old path, causing a "FileNotFoundException" message.
- 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.

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