



Dynatrace PowerPack Release Notes

Beta Version 100

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Overview

Version 100 is the initial version of the *Dynatrace PowerPack*. It includes Dynamic Applications, Device Classes, Event Policies, a sample Credential, a Device Template, and Device Dashboards for discovering and monitoring Dynatrace environments.

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

NOTE: The *Dynatrace PowerPack* is not supported on Federal Information Processing Standard (FIPS)-compliant ScienceLogic systems.

This document describes:

- [Pre-installation or pre-upgrade information](#)
- [The installation process for the PowerPack](#)
- [The features included in version 100](#)
- [The known issues for version 100](#)

Before You Install

Ensure that you are running version 8.8.0 or later of the ScienceLogic platform before installing the *Dynatrace PowerPack* version 100.

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

Installing Dynatrace PowerPack version 100

To install the *Dynatrace PowerPack*, perform the following steps:

1. See the [Before You Install](#) 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 100 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 100 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 100 includes the following features:

- Dynamic Applications to discover and monitor Dynatrace devices:
 - Dynatrace: Application Configuration
 - Dynatrace: Application Container Discovery
 - Dynatrace: Component Count
 - Dynatrace: Custom Application Discovery
 - Dynatrace: Custom Application Performance
 - Dynatrace: Events
 - Dynatrace: Host Configuration
 - Dynatrace: Host Container Discovery
 - Dynatrace: Host CPU Performance
 - Dynatrace: Host Discovery
 - Dynatrace: Host Disk Performance
 - Dynatrace: Host Memory Performance
 - Dynatrace: Host Network Interface Performance
 - Dynatrace: Mobile Application Discovery
 - Dynatrace: Mobile Application Performance
 - Dynatrace: Problems
 - Dynatrace: Service Configuration
 - Dynatrace: Service Container Discovery
 - Dynatrace: Service Discovery
 - Dynatrace: Service Performance
 - Dynatrace: Web Application Discovery
 - Dynatrace: Web Application Performance

NOTE: The Dynamic Applications in version 100 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:
 - AIX Host
 - Applications
 - Custom Application
 - Darwin Host
 - Database Service
 - Default Host
 - Default Service
 - Environment
 - Hosts
 - HP-UX Host
 - Linux Host
 - Messaging Service
 - Method Service
 - Mobile Application
 - Mobile Service
 - Process Service
 - RMI Service
 - Services
 - Solaris Host

- Unknown Host
- Unknown Service
- Web Application
- Webrequest Service
- Webservice Service
- Website Service
- Windows Host
- z/OS Host

- Event Policies that are triggered when Dynatrace component devices meet certain status criteria:

Event Policy	Description	Severity
Dynatrace: Availability Open	Indicates a severe incident within your environment, such as a complete outage or unavailability of servers or processes.	Critical
Dynatrace: Availability Closed	Indicates the resolution of a severe incident within your environment.	Healthy
Dynatrace: Client Error	Indicates the failure of the Dynatrace Client to collect data.	Major
Dynatrace: Custom_Alert Open	Indicates a custom alert. Custom alerts and severity levels are used to enable alerting on any user-defined thresholds. Custom alerts for user-defined thresholds can be set for any Dynatrace metric. Custom alerts aren't correlated or modified by the AI, although they are automatically alerted on.	Minor
Dynatrace: Custom_Alert Closed	Indicates the resolution of a custom alert.	Healthy
Dynatrace: Error Open	Indicates increased error rates or other error-related incidents that interfere with the regular operation of your environment.	Major
Dynatrace: Error Closed	Indicates the resolution of increased error rates or other error-related incidents that interfere with the regular operation of your environment.	Healthy
Dynatrace: Info Open	Indicates an informational event that is pushed from the API.	Notice
Dynatrace: Info Closed	Indicates the closing of an informational event.	Notice
Dynatrace: Monitoring Open	Indicates the inability of the Dynatrace agent to monitor a specific resource.	Notice

Event Policy	Description	Severity
Dynatrace: Performance Open	Indicates a performance decrease in one of your operational services or applications. Slowdown events are less severe than error or availability events. Nevertheless, they inform you of potential issues with the performance of your services.	Minor
Dynatrace: Performance Closed	Indicates the resolution of a performance decrease in one of your operational services or applications.	Healthy
Dynatrace: Resource Contention Open	Indicates resource contention. Typical examples are CPU saturation and memory saturation events.	Major
Dynatrace: Resource Contention Closed	Indicates the resolution of a resource contention.	Healthy

- 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:
 - Dynatrace: Custom Application
 - Dynatrace: Host
 - Dynatrace: Mobile Application
 - Dynatrace: Service
 - Dynatrace: Web Application

Known Issues

The following known issue affects version 100 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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