



Citrix: Xen PowerPack Release Notes

Version 100

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Overview

Version 100 of the Citrix: Xen PowerPack adds the ability to monitor configuration data and performance metrics for Citrix XenCenter, and this version includes multiple enhancements.

- **Minimum Required Platform Version:** 8.1.0
- **Support Status:** GA

This document describes:

- [The installation process for the PowerPack](#)
- [The features included in version 100](#)
- [The enhancements and issues addressed in version 100](#)
- [The known issues in version 100](#)

Installation Process

To install version 100 of the Citrix: Xen PowerPack, perform the following steps:

1. Familiarize yourself with the [Known Issues](#) for this release.
2. If you have not done so already, upgrade your system to the 8.1.0 or later release.
3. Download version 100 of the *Citrix: Xen 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 *Citrix: Xen PowerPack*.
5. After importing the PowerPack, you will be prompted to install the PowerPack. Click the Install button to install the PowerPack.

Included Features

The following features are included in version 100 of the Citrix: Xen PowerPack:

- Dynamic Applications that enable the ScienceLogic platform to discover, model, and monitor Citrix XenServer devices
- Event policies that are triggered when Citrix XenServer devices meet certain status criteria
- Device classes for each type of Citrix XenServer device monitored
- Device Dashboards for Citrix XenCenter Hosts, Networks, Storage Resources, and Virtual Machines
- A widget for use in Device Dashboards
- An example Basic/Snippet credential for discovering Citrix XenServer devices

Enhancements and Issues Addressed

The following changes are included in version 100 of the *Citrix: Xen PowerPack*:

- A new "Citrix XenCenter: Pool Metrics" Dynamic Application was added.
- The Dynamic Application "Citrix XenCenter: Storage Metrics Performance" now collects the following additional metrics:
 - Avg. IO queue Size Requests (avgqu_sz)
 - Inflight Requests (inflight)
 - Read Throughput (io_throughput_read)
 - Write Throughput (io_throughput_write)
 - Total Throughput (io_throughput_total)
 - Read IOPS (iops_read)
 - Write IOPs (iops_write)
 - IO Wait (iowait)
 - Latency (latency)

NOTE: To enable the above metrics, you must type a command at the command line interface on each host. If only Inflight Requests are in the cache, then type the following command: **xe-enable-all-plugin-metrics true**.

- The Dynamic Application "Citrix XenCenter: Host Metrics Performance" now includes the following additional collection objects:
 - GPU Memory Free
 - GPU Memory Used
 - % GPU Memory Used (Calculated)
 - GPU Power Usage
 - GPU Temperature
 - GPU Compute Utilization
 - GPU IO Memory Utilization
- An issue was fixed where, upon reboot, the Dynamic Application "Citrix XenCenter: VM Discovery" was re-discovering existing virtual machines as new virtual machines.

Known Issues

There are no known issues that affect version 100 of the *Citrix: Xen PowerPack*.

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