



Citrix: Xen PowerPack Release Notes

Version 104

Overview Citrix Xen PowerPack Release Notes, version 104



Version 104 of the "Citrix: Xen" PowerPack was updated for Python 3.6 compatibility.

- **Minimum Required SL1 Version:** 12.1.0

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Before You Install or Upgrade

Ensure that you are running version 12.1.0 or later of SL1 before installing the "Citrix: Xen" PowerPack.

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

Installation Process

If you are installing the PowerPack **for the first time** (that is, if you have never installed the PowerPack before), perform the following steps:

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 12.1.0 or later release.
3. Download the "Citrix: Xen" version 104 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 "Citrix: Xen" version 104.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

Upgrade Process

To upgrade from a previous version of the 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.

1. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the minimum required platform version or later release.
2. To ensure that VM components are not re-discovered before upgrading the PowerPack, go to the **Device Manager** page (Registry > Devices > Device Manager) and type "XenServer Host" in the **Device Class | Sub-class** column filter. Select all of the XenServer Host devices. In the **Select Action** menu in the bottom-right corner, select *Disabled* (under **Change Collection State**) and then click **[Go]**.
3. On the **Device Manager** page, type "XenServer VM" in the **Device Class | Sub-class** column filter. Select all of the XenServer VM devices. In the **Select Action** menu, select *Delete Selected Devices* (under **Administration**) and then click **[Go]**.
4. Go to the **Dynamic Applications Manager** page (System > Manage > Applications) and type "Citrix XenCenter: VM Discovery" in the **Dynamic Application Name** column filter. Click the wrench icon (🔧) for the "Citrix: XenCenter: VM Discovery" Dynamic Application. The **Dynamic Applications Properties Editor** page appears.
5. Click the **[Collections]** tab. On the **Dynamic Applications | Collections Objects** page, depending on the version of the PowerPack from which you are upgrading, either one or two GUID objects appear in the **Collection Object Registry** pane. Select the checkboxes for all GUIDs that appear in the list. In the **Select Action** menu in the bottom-right corner, select *Delete Objects* (under **Administration**) and then click **[Go]**.
6. From the Support Site, download Version 104 of the "Citrix: Xen" PowerPack to a local computer.
7. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. Import Version 104 of the "Citrix: Xen" PowerPack. For details on importing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.
8. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.
9. To re-enable collection on the XenServer Host devices, go to the **Device Manager** page (Registry > Devices > Device Manager) and type "XenServer Host" in the **Device Class | Sub-class** column filter. Select all of the XenServer Host devices. In the **Select Action** menu in the bottom-right corner, select *Active* (under **Change Collection State**) and then click **[Go]**.
10. After the XenServer VM component devices are re-discovered, go to the **Device Properties** page (Registry > Devices > wrench icon) for every new VM component device and unselect the **Preserve Hostname** checkbox.

Features

This release includes the following features:

- 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 enhancements and addressed issues are included in this release:

- The PowerPack was updated for Python 3.6 compatibility.

Known Issues

The following known issues affect version 104 of the "Citrix: Xen" PowerPack:

- There is a known issue in XenCenter that may cause a mismatch in the control domain size with the Windows UI if it has been recently changed. The value in SL1 is the correct the domain size. You can double check the correct value by using PuTTY or a similar application to SSH into the Xen server and running the following command:

```
./opt/xensource/libexec/xen-cmdline --get-xen dom0_mem
```

NOTE: SL1 may round this value slightly.

- There is a known issue that is causing a discrepancy between the units of measurement for metrics that are collected by some performance Dynamic Applications and the graphs that display those metrics.

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