



VMware: vSphere Base Pack PowerPack Release Notes

Version 214

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Overview

VMware: vSphere Base Pack PowerPack version 214 addresses issues identified in the previous version of the PowerPack.

- **Minimum Required Platform Version:** 8.10.1
- **Support Status:** GA

This document describes:

- [Pre-install or pre-upgrade information](#)
- The [new installation process](#)
- The [upgrade process](#)
- The [features](#) in version 214
- The [issues addressed](#) in version 214
- The [known issues](#) for version 214

CAUTION: The Dynamic Applications that collect vSAN configuration information and statistics are not supported on CentOS 5 Data Collectors. These Dynamic Applications require Python version 2.7 or later, which is not supported on CentOS 5. See the latest ScienceLogic Release Notes for information about CentOS 5 compatibility and migration.

Before You Install or Upgrade

Ensure that you are running version 8.10.1 or later of SL1 before installing or upgrading to the VMware: vSphere Base Pack PowerPack version 214.

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

Installing the VMware: vSphere Base Pack version 214

If you are installing the VMware: vSphere Base Pack PowerPack **for the first time** (that is, if you have never installed a VMware: vSphere Base Pack PowerPack before), perform the following steps to install the PowerPack:

1. See the [Before You Install or Upgrade](#) section.
2. Familiarize yourself with the [Known Issues](#) for this release. If you have not done so already, upgrade your system to the 8.10.1 or later release.
3. Download the VMware: vSphere Base Pack PowerPack version 214 to a local computer.

4. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. Import VMware: vSphere Base Pack PowerPack version 214. For details on importing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.
6. See the manual **Monitoring VMware** for instructions on using the new VMware: vSphere Base Pack PowerPack.

Upgrade Process

If you are upgrading from versions of the VMware: vSphere Base Pack PowerPack prior to version 203, follow the upgrade steps in the release notes for VMware: vSphere Base Pack PowerPack version 203 and upgrade to version 203. After completing those steps, perform the steps in this section.

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 PowerPack from overwriting the local changes for some commonly customized fields.

NOTE: If you are currently using the Dynamic Applications in the VMware: vSphere Base Pack 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 disable collection for monitored devices before performing the following steps and re-enable collection after the upgrade.

CAUTION: If you want to delete and reinstall version 203 or higher of the VMware: vSphere Base Pack PowerPack, you should first delete any existing copies of the Device Template included in the PowerPack and then create new versions of them after reinstalling the PowerPack. Doing so ensures that any copies of the Device Template included in the PowerPack will work properly after re-installation. You should then assign the new Device Template(s) to any existing Discovery Sessions that were linked to the previous versions of the template(s).

1. If necessary, upgrade to VMware: vSphere Base Pack PowerPack version 203.
2. Familiarize yourself with the [Known Issues](#) for this release.
3. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the 8.10.1 or later release.
4. Go to the Customer Portal and download version 214 of the VMware: vSphere Base Pack PowerPack to a local computer.
5. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. Import the VMware: vSphere Base Pack PowerPack version 214. For details on importing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

6. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.
7. See the manual **Monitoring VMware** for instructions on using the new VMware: vSphere Base Pack PowerPack.

Features

VMware: vSphere Base Pack PowerPack version 214 includes the following features:

- Dynamic Applications that discover and collect data from all VMware objects and their children
- Events that address all actions and statuses on VMware objects
- Device Classes for all types of VMware objects
- Device Dashboards for all types of VMware devices
- Sample Credentials for discovering VMware servers and VMware vCenter 6
- A Device Template that helps align Dynamic Applications to devices

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 214 of the VMware: vSphere Base Pack PowerPack:

- The vSAN Dynamic Applications in the PowerPack were enhanced to address issues that caused the creation of unnecessary container views.
- The "Memory Size" collection object for the "VMware: HostSystem Configuration" Dynamic Application now correctly reports memory in MB.
- Addressed an issue in which Dynamic Applications could fail or cause conflicts when a monitored host was moved. A new automation action, "VMware: Unalign Host Dynamic Applications", is triggered when a topology change is detected to unalign any Dynamic Applications that are aligned to a host prior to the move.
- All Dynamic Applications in this PowerPack were updated from Default Collector Affinity to the appropriate setting of Root Device Collector or Assigned Collector.
- Device categories for the following device classes were updated to be more specific:
 - Host Server
 - Virtual Machine
 - Network
 - Distributed Virtual Switch
 - Distributed Virtual Portgroup

Known Issues

The following are known issues that affect version 214 of the VMware: vSphere Base Pack PowerPack:

- The "VMware: ComponentCount Configuration" Dynamic Application sometimes logs the exception: `AssertionError File "/var/lib/em7/content/vmware_cache_file_support.py", line 298, in _get_cache_entries_key`. This exception occurs during initial discovery when the Inventory Cache is being built and not all items have been inventoried yet. This exception will not affect collection.
- The vSAN SDK version is 6.2.0 and needs to be upgraded to 6.6.1, which may lead to one or more vSAN Dynamic Application collection failures. The "VMWare: ClusterComputeResource VSAN Health Config" Dynamic Application is not collecting most of its collection items and the "VMWare: ClusterComputeResource VSAN Capacity Stats" Dynamic Application is not collecting its stats. The other vSAN Dynamic Applications appear to be collecting their data (against vCenter 6.5), but it is possible that other collections might fail depending on the vCenter version.

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