



VMware vSphere Base Pack PowerPack Release Notes

Version 302

Overview

Version 302 of the VMware: vSphere Base Pack PowerPack includes new Dynamic Applications and security updates.

- **Minimum Required SL1 Version:** 10.2.0
- **Minimum Required VMware vSphere PowerPack Version:** 215

CAUTION: Upgrading from versions of this PowerPack prior to 215 will cause all VMware collections to stop working and cause outages. It is recommended to first upgrade to version 215 of the PowerPack before upgrading to this version.

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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 10.2.0 or later of SL1 before installing VMware: vSphere Base Pack version 302.

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

Installation Process

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 10.2.0 or later release.
3. Download the VMware: vSphere Base Pack version 302 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 VMware: vSphere Base Pack version 302.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

Upgrade Process

NOTE: The user must have VMware: vSpherePowerPack version 215 or higher installed to do this upgrade.

To upgrade 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.

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.

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 10.2.0 or latest release.
3. Go to the Support Site and download version 302 of the PowerPack to a local computer.
4. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. Import the PowerPack version 302. 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 PowerPack.

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 302 of the VMware: vSphere Base Pack PowerPack:

- The "Memory Active %" collection object was added to the "VMware: HostSystem Memory Performance" Dynamic Application.
- The following Dynamic Applications were added to the "VMware: Unalign Host Dynamic Applications" Run Book Actions:
 - VMware: HostSystem Root Resource Pool Performance
 - VMware: HostSystem ResourcePool Discovery
 - VMware: HostSystem Root ResourcePool Configuration
 - VMware: HostSystem VirtualApp Discovery
 - VMware: HostSystem VM Discovery
- Snippet logging was updated in the PowerPack to ensure that usernames, passwords, API keys, or authorization tokens are hidden.
- The VMware: "Performance Counter Lookup Configuration" Dynamic Application has been removed from the PowerPack.
- Error handling was added to the PowerPack to address an issue in which an unhandled exception was produced in the session handler when host substitution failed. (Case: 00200125)

Known Issues

The following known issues affect version 302 of the VMware: vSphere Base Pack PowerPack:

- Observed an issue in which inventory cache expirations did not update correctly. This error occurs during initial discovery when the Inventory Cache is being built. This exception does not affect collection.
- Observed an issue in which VMware v6.7's and VMware v7.2's hardware doesn't report a serial number for the "VMware: HostSystem Configuration" application.
- Addressed an issue in which several devices may report as "Unavailable" while the sessions reset and inventory is rebuilt. The length of this period will depend on the size of the vCenter, but is not expected to exceed 2 hours.
- The current PowerPack does not support NSX-T.

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