



VMware: vSphere Base Pack PowerPack Release Notes

Version 305

Overview

Version 305 of the *VMware: vSphere Base Pack PowerPack* adds a new Dynamic Application and updates various Dynamic Applications.

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

CAUTION: Upgrading from versions of this PowerPack prior to 215 may cause some VMware collections to stop working or cause outages. It is recommended to first upgrade to version 215 of the PowerPack before upgrading to this release.

This document covers the following topics:

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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 305.

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

CAUTION Several Dynamic Applications were removed from the *VMware: vSphere Base Pack* with version 304. If you are upgrading from a previous version, then you must manually remove those Dynamic Applications prior to upgrading to version 305. Additionally, because of an update made with this version, you should also delete several collection objects from the “*VMware: ResourcePool Performance*” Dynamic Application if you are upgrading from a previous version. For the lists of Dynamic Applications and collection objects that need to be removed, see the Enhancements and Issues Addressed section.

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 305 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 305.
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: vSphere PowerPack version 215 or higher installed to do this upgrade.

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.

To upgrade the PowerPack, perform the following steps:

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 305 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 305. 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 305 of the VMware: vSphere Base Pack PowerPack:

- Updated the "VMware: Repopulate Snapshot Info" Dynamic Application to ensure that snapshot data repopulates when you upgrade from VMware: vSphere Base Pack PowerPack version 304 to version 305. You must manually align the Dynamic Application to the root vCenter device and manually execute the Dynamic Application. After you are finished, you must disable or unalign the Dynamic Application from the device. [SOL- 21471](#)

Known Issues

Please see the requirements and limitations that apply to specific functionality in the VMware: vSphere Base Pack PowerPack in **Monitoring VMware Systems**.

The following known issues affect version 305 of the of the VMware: vSphere Base Pack PowerPack:

- Removed the following Dynamic Applications from this PowerPack:
 - VMware: RetrieveServiceContent Metadata Performance
 - VMware: InventoryCountPerformance
 - VMware: InventoryCacheMetaPerformance
 - VMware: PerfMetadataPerformance
 - VMware: QuickStatsCache
 - VMware: QuickStatsCacheMetaPerformance
 - VMware: Remove Session Cookies
 - VMware: Performance Counter Lookup Configuration
- An obsolete snippet (ResourcePoolResourceAllocation) that caused fail events has been removed from the "Vmware: ResourcePool Performance" Dynamic Application that was included in previous versions of the VMware vSphere BasePack PowerPack as far back as version 300. If you are upgrading from a previous version, then you should manually removed the following Collection Objects from the "VMware: ResourcePool Performance" Dynamic Application to avoid errors: [SOL-20248](#)
 - CPU Limit
 - CPU Max Usage (Mhz)
 - CPU Reservation
 - CPU Shares
 - Memory Limit
 - Memory Max Usage (Bytes)

- Memory Reservation
- Memory Shares

NOTE: For instructions on deleting Collection Objects, see the section on "Performing Bulk Actions on Collection Objects" in the *Dynamic Application Development* manual.

- After upgrading, component devices may report as "Unavailable" while a session reset takes place. These devices should return as the inventory is rebuilt.

NOTE: The length of time that devices are unavailable depends on the size of the vCenter you are running. For example: For a vCenter of 12,000 devices or less, this length of time should not exceed 2 hours. ScienceLogic recommends you file a Support case if devices remain unavailable for longer than 2 hours.

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