VMware: vSphere Base Pack PowerPack Release Notes

Version 210

Table of Contents

Overview

VMware: vSphere Base Pack PowerPack version 210 adds additional dynamic component map relationships, and new VM GUID collection objects.

- **Minimum Required Platform Version**: 8.7.0
- **Support Status**: GA

This document describes:

- *Pre-install or pre-upgrade information*
- The *new installation process*
- The *upgrade process*
- The *features* in version 210
- The *issues addressed* in version 210
- The *known issues* for version 210

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 8.x ScienceLogic Release Notes for information about CentOS 5 compatibility and migration.

Before You Install or Upgrade

Ensure that you are running version 8.7.0 or later of the ScienceLogic platform before installing or upgrading to the *VMware: vSphere Base Pack* PowerPack version 210.

NOTE: For details on upgrading the ScienceLogic platform, see the appropriate ScienceLogic Release Notes.

Installing the VMware: vSphere Base Pack version 210

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 8.7.0 or later release.
3. Download the *VMware: vSphere Base Pack* PowerPack version 210 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 210. 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 performing 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 optionally 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 reinstallation. 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 8.7.0 or later release.
4. Go to the Customer Portal and download version 210 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 210. 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 210 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 210 of the *VMware: vSphere Base Pack* PowerPack:

- The "VMware: VirtualMachine IC Uptime" Dynamic Application is now aligned automatically.
- Additional dynamic component map relationships have been added to create relationships between VMware devices and Dynatrace, Cisco CUCM, and Cisco UC VOS devices.
- Additional VM GUID collection objects were added to the following Dynamic Applications:
    - VMware: ClusterComputeResource VM Discovery
    - VMware: HostSystem VM Discovery
    - VMware: ResourcfePool VM Discovery
- Uptime that is collected from the vSphere API for each virtual machine is now stored in SL1's standard location.
- An issue was addressed in the "VMware: Datastore Cluster Storage Performance" Dynamic Application in which the values for Datastore Cluster Space Allocated and Datastore Cluster Space Used were reported incorrectly.
- The example credentials in the PowerPack no longer contain internal network details.
- An issue was addressed in which the VMware Datastore Free Space in the "VMware: Datastore Capacity Performance" Dynamic Application was displayed incorrectly.
- A duplicate of the "VMware: VmFailedToRebootGuestEvent" event policy was removed from the PowerPack.

Known Issues

The following are known issues that affect version 210 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 at 6.2.0 and needs to be upgraded to 6.6.1 which may lead to one or more vSAN Dynamic Application collection failures. Presently, 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 may fail depending on the vCenter version.

Copyrights and Trademarks

ScienceLogic, the ScienceLogic logo, and EM7 are trademarks of ScienceLogic, Inc. in the United States, other countries, or both.

Below is a list of trademarks and service marks that should be credited to ScienceLogic, Inc. The ® and ™ symbols reflect the trademark registration status in the U.S. Patent and Trademark Office and may not be appropriate for materials to be distributed outside the United States.

- ScienceLogic™
- EM7™ and em7™
- Simplify IT™
- Dynamic Application™
- Relational Infrastructure Management™

The absence of a product or service name, slogan or logo from this list does not constitute a waiver of ScienceLogic's trademark or other intellectual property rights concerning that name, slogan, or logo.

Please note that laws concerning use of trademarks or product names vary by country. Always consult a local attorney for additional guidance.

Other

If any provision of this agreement shall be unlawful, void, or for any reason unenforceable, then that provision shall be deemed severable from this agreement and shall not affect the validity and enforceability of any remaining provisions. This is the entire agreement between the parties relating to the matters contained herein.

In the U.S. and other jurisdictions, trademark owners have a duty to police the use of their marks. Therefore, if you become aware of any improper use of ScienceLogic Trademarks, including infringement or counterfeiting by third parties, report them to Science Logic's legal department immediately. Report as much detail as possible about the misuse, including the name of the party, contact information, and copies or photographs of the potential misuse to: legal@sciencelogic.com

800-SCI-LOGIC (1-800-724-5644)

International: +1-703-354-1010