



VMware: vSphere Base Pack PowerPack Release Notes

Version 209

Table of Contents

Overview	3
Before You Install or Upgrade	3
Installing the VMware: vSphere Base Pack version 209	3
Upgrade Process	4
Features	5
Enhancements and Issues Addressed	5
Known Issues	6

Overview

VMware: vSphere Base Pack PowerPack version 209 adds support for VMware 6.7.1, a new Dynamic Application, and improved support for Unicode characters.

- **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 209
- The [issues addressed](#) in version 209

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 209.

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

Installing the VMware: vSphere Base Pack version 209

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. Download the VMware: vSphere Base Pack PowerPack version 209 to a local computer.
3. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. Import VMware: vSphere Base Pack PowerPack version 209. For details on importing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

4. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.
5. 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. 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.
3. Go to the Customer Portal and download version 209 of the VMware: vSphere Base Pack 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 VMware: vSphere Base Pack PowerPack version 209. 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.

Features

VMware: vSphere Base Pack PowerPack version 209 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 209 of the VMware: vSphere Base Pack PowerPack:

- The PowerPack now supports VMware 6.7.1.
- The "VMware: Remove Session Cookies" Dynamic Application was added to the PowerPack.

NOTE: The "VMware: Remove Session Cookies" Dynamic Application is triggered by the user. For instructions on how to execute this Dynamic Application, see the **Monitoring VMware Systems** manual.

- Two new metrics were added to the "VMware: DVPG Configuration" Dynamic Application:
 - ***Type***. Type of portgroup. Possible values: earlyBinding, ephemeral, and lateBinding (Deprecated).
 - ***Number of Ports***. If the portgroup is earlyBinding, then this number determines the number of ports that get created when the portgroup is created. If the portgroup is ephemeral, then this number is ignored and ports are created as needed.

NOTE: Before you can use the "Number of Ports" metric, you must remove the session cookies.

- Additional updates were made to improve support for Unicode characters.
- An issue was addressed in which the VMware ScienceLogic Library was not handling non-OK HTTP responses properly.
- An issue was addressed in which no value was returned when MaxQueryMetrics was requested from the vSphere API.

Known Issues

The following are known issues that affect version 209 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.

© 2003 - 2018, ScienceLogic, Inc.

All rights reserved.

LIMITATION OF LIABILITY AND GENERAL DISCLAIMER

ALL INFORMATION AVAILABLE IN THIS GUIDE IS PROVIDED "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED. SCIENCELOGIC™ AND ITS SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.

Although ScienceLogic™ has attempted to provide accurate information on this Site, information on this Site may contain inadvertent technical inaccuracies or typographical errors, and ScienceLogic™ assumes no responsibility for the accuracy of the information. Information may be changed or updated without notice. ScienceLogic™ may also make improvements and / or changes in the products or services described in this Site at any time without notice.

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



ScienceLogic

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

International: +1-703-354-1010