VMware: vSphere Base Pack PowerPack Release Notes

Version 216

Overview

Version 216 of the *VMware: vSphere Base Pack* PowerPack addresses security updates for session token handling.

- **Minimum Required Platform Version**: 8.10.1

This document includes the following topics:

Before You Install or Upgrade 2

Installation Process 2

Upgrade Process 3

Enhancements and Issues Addressed 3

Known Issues 4

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 *VMware: vSphere Base Pack* version 216.

NOTE: For details on upgrading SL1, see the appropriate Release Notes.

Installation Process

To install or upgrade the *VMware: vSphere Base Pack* 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 8.10.1 or later release.
3. Download *VMware: vSphere Base Pack* version 216 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 216.
5. Click the Install button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the ***PowerPacks*** manual.

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 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.

CAUTION: If you want to delete and reinstall version 203 or higher of the 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 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 latest release.
4. Go to the Support Site and download version 216 of the 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 PowerPack version 216. 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 PowerPack.

Enhancements and Issues Addressed

The following enhancement and addressed issue is included in this PowerPack:

- Improved security for API session token-handling.

Known Issues

The following known issue is included in this PowerPack:

- If upgraded from a previous PowerPack version, 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.
- In rare cases, virtual devices that have been removed may continue to appear in the Dynamic Component Mapping (DCM) tree. This can happen when a device is removed or deleted from the vCenter and there is a minor network or other communication error close to that event, preventing the active session used by the "Linux: Inventory Cache" Dynamic Application from getting the update. This issue is targeted for a fix in an upcoming version. If encountered, the problem can be mitigated by running a script that has been provided to ScienceLogic Customer Support that will reset the sessions and the cached inventory.
- System logs may show a minor error related to logging out of an existing session that is not updated in the cache. If this happens, the PowerPack has no way to know that a device was removed, and will continue to report it using cached data. This issue is targeted for a fix in an upcoming version. If encountered, the problem can be mitigated by running a script that has been provided to ScienceLogic Customer Support that will reset the sessions and the cached inventory.
- 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.
- Enabling certain Dynamic Applications can cause duplicate components. SL1 will preserve historical data collections for any cross-vCenter VM migrations causing the unique identifier to be regenerated. This is only applicable to users usingSL1 versions 8.12.2 and earlier.

© 2003 - 2021, 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

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

International: +1-703-354-1010