

OpenManage Management Pack for vRealize Operations Manager Version 1.1 Release Notes

Topics:

- [Release Notes](#)
- [Importance](#)
- [Platforms Affected](#)
- [What is Supported?](#)
- [What's New](#)
- [Important Notes](#)
- [Known Issues](#)
- [Limitations](#)
- [Installation](#)
- [Accessing Documents from Dell Support Site](#)
- [Contacting Dell](#)

Release Notes

OpenManage Management Pack for vRealize Operations Manager Version 1.1

The Dell OpenManage Management Pack for vRealize Operations Manager (vROPS) allows you to monitor the health status and analyze the important metrics of Dell servers and chassis that are managed by OpenManage Integration for VMware vCenter (OMIVV) 4.0 onwards.

Version

1.1

Release Date

Sep 2017

Previous Version

1.0

Importance

OPTIONAL: Dell recommends the customer to review specifics about the software update to determine if it applies to your system. The update include changes that impact certain configurations, or provides new features that may or may not apply to your environment.

Platforms Affected

For the list of supported platforms, see the "Compatibility Matrix" guide at dell.com/openmanagemanuals.

What is Supported?

License Requirements

A licensed version of OpenManage Integration for VMware vCenter (OMIVV) version 4.0 or later is required; host licensing is needed for each managed server. There is no licensing requirement for chassis monitoring.

Supported Operating Systems

Dell OpenManage Management Pack version 1.1 supports all the Operating System that the OpenManage Integration for VMware vCenter 4.1 supports. Please see the OpenManage Integration for VMware vCenter Version 4.1 Compatibility Matrix for more details at Dell.com/support/manuals.

Supported Web Browsers

Dell OpenManage Management Pack version 1.1 supports all the browsers that VMware vRealize Operations Manager version 6.3, 6.4, 6.5 and 6.6 supports.

What's New

Dell OpenManage Management Pack version 1.1 provides the following additional support:

- 1 Magnetic and Solid State drives are now shown as separate entities. In the previous version both of these were part of a single Physical Disk type.
- 2 Strings and icon changed to reflect Dell re-branding to DellEMC.
- 3 Support for vROPS 6.5 and 6.6.

Important Notes

To visit Dell TechCenter for accessing whitepapers, blogs, wiki-articles, videos, product communities and forums, see en.community.dell.com/techcenter/systems-management.

Known Issues

Issue 1

Newly created Dell Server HDD object's metric are not reported.

Description: After upgrade of adapter from 1.0 to 1.1, the newly created Dell Server HDD object's metric are not reported.

Resolution: After OpenManage Management Pack for vRealize Operations Manager Version 1.1 upgrade, you must stop data collection and then start collecting again on the adapter instance, to reflect the correct HDD metrics. In case of multiple instances, you need to perform the same task for individual adapters.

Versions/Systems Affected: All platforms

Issue 2

Chassis or server objects are not removed immediately after the objects are removed from the Connection profile.

Description: The server or chassis continues to exist in vROPS for almost an hour even after it is removed from the Connection Profile.

Resolution: Wait for the next Health Metrics job to run.

Versions/Systems Affected: All platforms

Issue 3

The value of "System peak Amps" is reduced by a factor of 10 for 14G Dell servers.

Description: The "System Peak Amps" is retrieved out of band from the respective servers. This value is incorrectly reported by the platform for 14G servers. This issue is expected to be fixed by the next release.

Resolution: No Resolution. Manually multiply by a factor of 10 to arrive at the correct value for 14G servers.

Versions/Systems Affected: All platforms

Issue 4

Deleting the adapter instance times out, when there are more than 500 servers.

Description: Deleting the adapter instances from the solutions page may take longer time when the adapter is configured with an OMIVV instance which has huge number of servers. Eventually the vROPS UI time out error occurs.

Resolution: No Resolution. In such cases, delete operations takes around 10-15 minutes to complete.

Versions/Systems Affected: All platforms

Issue 5

During manual discovery few components goes to Non_existance mode after metric collection failures.

Description: Dell highly recommends to use auto discovery. If Administrator decides to use manual discovery as the discovery method, then whenever the extended metric collection or the health metric collection fails for any server or chassis, the components may become Nonexistent in consecutive data collection cycles.

Resolution: User has to re-discover the server or change to auto discovery mode.

Versions/Systems Affected: All platforms

Issue 6

Few Warranty views are not localized

Description: The warranty views might have few columns which are not localized, because some of the Instanced metrics like Warranty metrics are not appearing in the localized languages.

Resolution: You can use the Warranty report to see the metrics.

Versions/Systems Affected: All platforms

Issue 7

Data refresh in the Dell Dashboard widgets may be delayed after upgrade.

Description: After upgrading to Dell OpenManage Management Pack version 1.1, it is seen that there is a delay in the vROPS console to populate the data in the Dell dashboard widgets. This is seen only after the upgrade and a hourglass is seen in the widgets until the data is completely populated. Subsequent navigation to the widgets does not result in any delay.

Resolution: Logout and re-login will refresh the dashboard immediately.

Versions/Systems Affected: All platforms

Issue 8

Few Firmware objects are missing in the Dell views and reports.

Description: It is observed that some of the firmware objects reported to vROPS are not seen in the Dell views and reports.

Resolution: No Resolution.

Versions/Systems Affected: vROPS 6.5 and 6.6

Issue 9

Dell Management Pack version number mismatch on solutions page and re-describe page.

Description: You may observe a discrepancy in the Dell management pack version in vROPS. As an example, after upgrading to OpenManage Management Pack for vRealize Operations Manager version 1.1 on the solutions page the version is 1.1.327; however, on the redescrbe page it is displayed as 1.0.327. This is a known issue and will be resolved in the next release.

NOTE: The upgrade is successful despite of this mismatch.

Resolution: No Resolution.

Versions/Systems Affected: All platforms

Issue 10

System board power consumption alert will not be reported when the power consumption is equal to the threshold.

Description: The comparison operator used in the OpenManage Management Pack for vRealize Operations Manager Version 1.1 is defined as "GREATER" instead of "GREATER than or EQUAL". Hence, if the power consumption threshold is set to a value in iDRAC and the system reaches that threshold, the adapter reports degraded health but no alerts get generated until the power consumption increases to threshold + 1.

Resolution: No Resolution.

Versions/Systems Affected: All platforms

Issue 11

Fan status health description for FX2 and VRTX chassis may display incorrect value when fan is present but stopped..

Description: While the alerts for degraded health are generated, the health metric value reports as "Not present" instead of "Critical". This will be fixed in the next CMC release.

Resolution: No Resolution.

Versions/Systems Affected: All platforms

Limitations

- Asynchronous SNMP traps are not supported
- If the same Server or Chassis is managed by multiple OMIVV instances, then there will be multiple resources existing for the same server or chassis.
- After an upgrade to this version from 1.0 historical data for HDD will be discarded since a new resource type is created for it. This new version of the adapter offers HDD and SSD data separately.
- All non-healthy chassis component status are reported as critical only due to limitations in the query interface for retrieving component health.
- "Available Disk Space(GB)" is reported as -999 for PCIe SSD.
- Adapter pak file is reported as "unsigned" by the vROPS admin client even though it is signed. Please delete the pak file and try again for rectification.

- When viewing the Dell dashboard on two browsers with different locales, some columns in the widgets on one browser may show the string in column headers in a different language. This is a vROPS limitation. It will correct itself after the widget refreshes itself. Alternatively, you may change the "Image redraw rate" setting in the widget for it to refresh sooner.

Installation

Prerequisites

- VMware vRealize Operations Manager version 6.3 or later.
- OpenManage Integration for VMWare vCenter (OMIVV) version 4.0 or later.

Installation Procedure

For the installation instruction, see "OpenManage Management Pack for vRealize Operations Manager Version 1.1 Installation Guide" at dell.com/openmanagemanuals.

Upgrade

For the upgrade instruction, see "OpenManage Management Pack for vRealize Operations Manager Version 1.1 Installation Guide" at dell.com/openmanagemanuals.

Uninstallation

For the uninstallation instruction, see "OpenManage Management Pack for vRealize Operations Manager Version 1.1 Installation Guide" at dell.com/openmanagemanuals.

Accessing Documents from Dell Support Site

You can access the required documents in one of the following ways:

- Using the following links:
 - For Enterprise Systems Management documents — dell.com/openmanagemanuals
 - For all Systems Management documents — dell.com/softwaresecuritymanuals
 - For Remote Enterprise Systems Management documents — dell.com/esmmanuals
 - For Client Systems Management documents — dell.com/clientsystemsmanagement
 - For Serviceability Tools documents — dell.com/serviceabilitytools
 - For OpenManage Connections Enterprise Systems Management documents — dell.com/OMConnectionsEnterpriseSystemsManagement
 - For OpenManage Connections Client Systems Management documents — dell.com/connectionsclientsystemsmanagement
- From the Dell Support site:
 - a Go to www.dell.com/support/manuals.
 - b Under General support section, click Software & Security.
 - c In the Software & Security group box, click the required link from the following:
 - Serviceability Tools
 - Enterprise Systems Management
 - Client Systems Management
 - Remote Enterprise Systems Management

- Connections Client Systems Management
- d To view a document, click the required product version.
- Using search engines:
 - Type the name and version of the document in the Search box.

Contacting Dell

NOTE: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

- 1 Visit www.dell.com/support.
- 2 Select your support category.
- 3 Verify your country or region in the Choose a Country/Region drop-down menu at the top of page.
- 4 Select the appropriate service or support link based on your need.