DELLEMC

OpenManage Management Pack for vRealize Operations Manager Version 1.2 Release Notes

Topics:

Release Notes

OpenManage Management Pack for vRealize Operations Manager Version 1.2

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

1.2

Release Date

Apr 2018

Previous Version

1.1

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 1.2 supports all the Operating System that the OpenManage Integration for VMware vCenter 4.2 supports. Please see the OpenManage Integration for VMware vCenter Version 4.2 Compatibility Matrix for more details at Dell.com/support/manuals.

Supported Web Browsers

Dell OpenManage Management Pack version 1.2 supports all the browsers that VMware vRealize Operations Manager version 6.5, 6.6 and 6.7 supports.

What is New

Dell OpenManage Management Pack version 1.2 provides the following additional support:

1. Support for synchronous real time alerts based on traps.
2. Monitoring support extended to NIC, FC, HBA, Raid Controllers.
3. Support for vROPS 6.5, 6.6, 6.7.
4. Dashboard enhancements
   - Warranty heat-map for Dell EMC PowerEdge servers.
   - vSAN enabled host pie-chart distribution.
   - Server and chassis heat-map modified to report based on Dell reported overall Health.
5. Reports
   - SSD write endurance metrics reported.
   - Firmware report enhanced to report based on cluster profile.

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 1.1/1.2, the newly created Dell Server HDD object's metric are not reported.

Resolution: After OpenManage Management Pack for vRealize Operations Manager Version 1.1/1.2 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

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 4

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 5

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 6

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

Description: After upgrading to Dell OpenManage Management Pack version 1.1/1.2, 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 7

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

Limitations

- 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.
- Whenever the Temperature Probes values are not available via iDRAC, the default value in vROPS for the CPU MaxThreshold metric is 9999 and CPU MinThreshold metric is -999. The values remain same for both Celsius and Fahrenheit.
- 14G servers with a single FAN configuration report the FAN redundancy health as **Fully redundant** instead of **NA** due to a known issue in iDRAC.

Installation

Prerequisites

- VMware vRealize Operations Manager version 6.5 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 1.2 Installation Guide" at dell.com/openmanagemanuals.

Upgrade

For the upgrade instruction, see "OpenManage Management Pack for vRealize Operations Manager Version 1.2 Installation Guide" at dell.com/openmanagemanuals.

Uninstallation

For the uninstallation instruction, see "OpenManage Management Pack for vRealize Operations Manager Version 1.2 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:
  1. Go to www.dell.com/support/manuals.
  2. Under General support section, click Software & Security.
  3. 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
  4. 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

(i) **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.

Notes, cautions, and warnings

(i) **NOTE:** A NOTE indicates important information that helps you make better use of your product.

⚠ **CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.**

⚠ **WARNING: A WARNING indicates a potential for property damage, personal injury, or death.**