Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core

Release Notes

DELLEMC

2017 - 07

Rev. A00

Contents

Release Type and Definition

This document contains updated information about Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core.

Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core provides capabilities for agent-free (out-of-band) monitoring of 12th and later generations of Dell EMC PowerEdge Servers, Datacenter Scalable Solutions(DSS) and Hyper-Converged Infrastructure(HCI) platforms using Integrated Dell Remote Access Controller(iDRAC) with Lifecycle Controller(LC). In addition, it also provides capabilities to monitor Dell EMC Modular Infrastructure and Storage devices.

The Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core documentation includes:

- Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core Installation Guide
- Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core User's Guide

Topics:

- Key Features
- Version
- Release Date
- Previous Version
- Importance
- Platform(s) Affected
- What is Supported ?

Key Features

- Automated creation of host and service definitions for complete Dell EMC Infrastructure.
- WS-Management(WSMan) and SNMPv2c Protocol support for monitoring Dell EMC PowerEdge Servers, Datacenter Scalable Solutions(DSS) and Hyper-Conveged Infrastructure (HCI) Platforms.
- WSMan Protocol support for monitoring of Dell EMC Modular Infrastructure.
- SNMPv2c Protocol support for monitoring of Dell EMC Storage devices.
- Comprehensive hardware monitoring including overall and component-level health monitoring of all supported Dell EMC devices.
- SNMP alert monitoring for all Dell EMC devices.
- Launch one-to-one element management web console for iDRAC, Chassis and Storage device to perform further troubleshooting, configuration and system management activities.

Version

Dell EMC OpenManage Plug-in for Nagios Core, Version 2.1

Release Date

July 2017

Previous Version

Dell OpenManage Plug-in for Nagios Core, Version 2.0

Importance

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

Platform(s) Affected

For the list of supported platforms, see the section "Support Matrix" in the "Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core User's Guide" at dell.com/openmanagemanuals.

What is Supported ?

Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core is supported on Nagios Core Version 3.5.0 and later.

For the list of supported software, operating systems and other requirements, see the "Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core Installation Guide" at dell.com/openmanagemanuals.

What's new?

Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core supports the following new features:

- Support for 14G servers and HCI(Hyper Converged Infrastructure) Platforms
- Enhanced H/W warranty status monitoring for all supported Dell EMC devices

DELLEMC

Fixes

- Issue 1(238397) : In Dell **EMC Server Voltage Probe Status** service if the actual status is shown **UNKNOWN** for an instance, that instance will appear as **CRITICAL** instead of **UNKNOWN** while monitoring using SNMP protocol.

- Issue 2(240073): In **Dell EMC Server Overall Health Status** service and **Dell EMC Server Temperature** service, the overall health status of the temperature is shown incorrectly when the CPU temperature is **WARNING** or **CRITICAL**, for iDRAC7 or iDRAC8 device when it is discovered using SNMP Protocol.

- Issue 3(251278): When Dell EMC Chassis is discovered using IPv6, then the RACADM specific attributes such as **Speed(RPM**) in **Dell EMC Chassis Fan Status** service and **OutputPower(W)**, **InputVoltage(V)** and **InputCurrent(A)** in **Dell EMC Chassis Power Supply** Status service will be shown as **Not Available**.

- Issue 4(242341, 238683): In **Dell EMC Server Overall Health Status** service, Power Supply status is shown as **OK** instead of **UNKNOWN** when Dell EMC PowerEdge T130 or PowerEdge C6230 device is discovered using SNMP protocol.

- Issue 5(238444): In **Dell EMC Server Voltage Probe Status** service, some of the Voltage instances will not be seen when the PowerEdge C6230 is discovered using WSMan protocol.

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/w/wiki/6277.dell-openmanageplug-in-for-nagios-core.

Known Issues

Issue 1(178686):

Description:

SNMP traps are not received from Dell EMC device in the Nagios Core console for Ubuntu setup.

Version Affected:

Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core.

Issue 2(255091):

Description:

In Dell **EMC Server Overall Health Status** service, Power Supply Status is shown as **OK** instead of **UNKNOWN** when DSS 1510 device is discovered using SNMP and WS-MAN protocol.

Version Affected:

Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core.

Issue 3(66797):

Description:

In **Dell EMC Server Information service** , the attribute **Device type** is shown as 'iDRAC' instead of 'iDRAC8' for PowerEdge C6320 discovered using SNMP.

Version Affected:

Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core.

Issue 4(63682):

Description:

For 14G Server that is discovered using SNMP protocol, the **Power unit** attribute in the **Dell EMC Server Overall Health Status** service is not shown, when the Redundancy Policy is set to **Non Redundant** in iDRAC console and then the Server is rebooted/iDRAC is reset/ Firmware update.

Version Affected:

Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core.

Issue 5(10443):

Description:

For PowerEdge FM120 / PowerEdge FC430 / PowerEdge FC630 /PowerEdge FC830, in **Dell EMC Server Power Supply Status** service, the attributes **InputVoltage(V)** is shown as **0** and **FirmwareVersion** is not shown when discovered using WS-MAN and **InputVoltage(V)** is not shown when discovered using SNMP.

Version Affected:

Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core.

Issue 6(68504):

Description:

For PowerEdge C6320 server, in **Dell EMC Server Voltage Probe Status** service, the value of the attribute **Reading** for **Input voltage** instance shows **Good** instead of actual value when discovered using WS-MAN.

Version Affected:

Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core.

DELLEMC

Limitations

The following are the limitations for this release of Dell OpenManage Plug-in for Nagios Core:

- IPv6 traps are not associated with the corresponding Dell EMC device in the Nagios Core console

Installation Prerequisites

For the installation prerequisites, see the "Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core Installation Guide" at dell.com/openmanagemanuals

Installation Instructions

For installation or update related information, see the "Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core Installation Guide" at dell.com/openmanagemanuals

Installation and Configuration Notes

For installation and configuration related information, see the "Dell EMC OpenManage Plug-in Version 2.1 for Nagios Core Installation Guide" at dell.com/openmanagemanuals

Accessing documents from the Dell EMC support site

You can access the required documents using the following links:

- For Dell EMC Enterprise Systems Management documents — **Dell.com/SoftwareSecurityManuals**
- For Dell EMC OpenManage documents — **Dell.com/OpenManageManuals**
- For Dell EMC Remote Enterprise Systems Management documents — **Dell.com/esmmanuals**
- For iDRAC and Dell EMC Lifecycle Controller documents — **Dell.com/idracmanuals**
- For Dell EMC OpenManage Connections Enterprise Systems Management documents — **Dell.com/ OMConnectionsEnterpriseSystemsManagement**
- For Dell EMC Serviceability Tools documents — **Dell.com/ServiceabilityTools**
- For Client Command Suite Systems Management documents — **Dell.com/DellClientCommandSuiteManuals**
- a   Go to **Dell.com/Support/Home**.

  b   Click **Choose from all products**.

  c   From **All products** section, click **Software & Security**, and then click the required link from the following:
  - **Enterprise Systems Management**
  - **Remote Enterprise Systems Management**
  - **Serviceability Tools**
  - **Dell Client Command Suite**
  - **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 Go to **Dell.com/support.**
2 Select your support category.
3 Verify your country or region in the **Choose a Country/Region** drop-down list at the bottom of the page.
4 Select the appropriate service or support link based on your need.

DELLEMC