

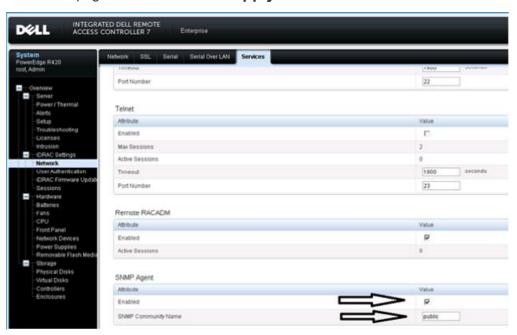
### **Dell iDRAC7/8 SNMPv2 Configuration**

#### **Prerequisites**

- Relies on: Dell iDRAC Management Card (iDRAC7 or Later)
- Technology and protocols: SNMP
- Ensure Port 161 is open bidirectionally between ParkView agent and the monitored iDRAC interface

To enable SNMP Agent and alert destinations in the iDRAC7 console, perform the following steps.

- a. Log in to the Integrated Dell Remote Access Controller 7 console.
- b. Navigate to iDRAC Settings > Network > Services.
- c. Go to the **SNMP Agent** section.
- d. Select the check box to enable the SNMP Agent. e. Enter the SNMP Community Name.
- f. Scroll to bottom of page if needed and click Apply.



<sup>\*</sup> Screenshots may vary depending on management software version

# **Description**

This solution provides hardware monitoring through Dell's iDRAC Management Card for Dell servers with iDRAC7 or later.

## **Target**

Typical platform: Dell PowerEdge

Operating system: Out-of-Band

## **Monitors**

Object Type	Discovered Properties	Collected Parameters
Enclosure (MS_HW_ENCLOSURE)	<ul> <li>Additional Information 1</li> <li>Additional Information 2</li> <li>Additional Information 3</li> <li>Firmware Version</li> <li>Model</li> <li>Serial Number</li> <li>Type</li> <li>Vendor</li> </ul>	• Status
Battery (MS_HW_BATTERY)	<ul><li>Additional Information 1</li><li>Additional Information 2</li></ul>	• Status
Blade (MS_HW_BLADE)	<ul> <li>Additional Information 1</li> <li>Additional Information 2</li> <li>Blade Model</li> <li>Serial Number</li> </ul>	• Status
Processor (MS_HW_CPU)	Additional Information 1	• Status
Fan (MS_HW_FAN)	Additional Information 1	• Status
Logical Disk, RAID (MS_HW_LOGICALDISK)	<ul> <li>Logical Disk Type</li> <li>RAID Level</li> <li>Size</li> <li>Inclusion in Total Logical Disk Size</li> </ul>	<ul> <li>Status</li> </ul>

Object Type	Discovered Properties	Collected Parameters
Memory Module (MS_HW_MEMORY)	<ul> <li>Additional Information 1</li> <li>Model</li> <li>Serial Number</li> <li>Size</li> <li>Vendor</li> </ul>	• Status
Network Card, FC Port (MS_HW_NETWORK)	<ul><li>Device Type</li><li>Physical Address</li><li>Physical Address Type</li></ul>	• Status
Other Device (MS_HW_OTHERDEVICE)	<ul> <li>Additional Information 1</li> <li>Additional Information 2</li> <li>Additional Information 3</li> <li>Device Type</li> </ul>	• Status
Physical Disk (MS_HW_PHYSICALDISK)	<ul> <li>Additional Information 1</li> <li>Additional Information 2</li> <li>Additional Information 3</li> <li>Model</li> <li>Serial Number</li> <li>Size</li> <li>Vendor</li> </ul>	• Status
Power Supply (MS_HW_POWERSUPPLY)	<ul> <li>Additional Information 1</li> <li>Additional Information 2</li> <li>Additional Information 3</li> </ul>	• Status
Temperature Sensor (MS_HW_TEMPERATURE)	<ul><li>Alarm Threshold</li><li>Warning Threshold</li></ul>	Temperature
Voltage Sensor (MS_HW_VOLTAGE)	<ul><li>Lower Threshold</li><li>Upper Threshold</li></ul>	<ul> <li>Voltage</li> </ul>

