

## 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.

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

**DELL** INTEGRATED DELL REMOTE ACCESS CONTROLLER 7 Enterprise

System PowerEdge R420 root Admin

Overview  
Server  
Power / Thermal  
Alerts  
Setup  
Troubleshooting  
Licenses  
Intrusion  
iDRAC Settings  
Network  
User Authentication  
iDRAC Firmware Update  
Sessions  
Hardware  
Batteries  
Fans  
CPU  
Front Panel  
Network Devices  
Power Supplies  
Removable Flash Media  
Storage  
Physical Disks  
Virtual Disks  
Controllers  
Enclosures

Network SSL Serial Serial Over LAN **Services**

Port Number 22

Telnet

Attribute	Value
Enabled	<input type="checkbox"/>
Max Sessions	2
Active Sessions	0
Timeout	1800 seconds
Port Number	23

Remote RACADM

Attribute	Value
Enabled	<input checked="" type="checkbox"/>
Active Sessions	0

SNMP Agent

Attribute	Value
Enabled	<input checked="" type="checkbox"/>
SNMP Community Name	public

\* Screenshots may vary depending on management software version

#### GLOBAL HEADQUARTERS

**office:** 5910 Landerbrook Drive  
Cleveland, Ohio 44124

**call:** 1 877.778.8707

#### EMEA HEADQUARTERS

**office:** 6 Mitre Passage, 7th Floor,  
London, SE10 0ER

**call:** +44 (0) 208.885.9900

#### APAC HEADQUARTERS

**office:** 380 Jalan Besar, #09-09-12  
ARC 380, Singapore, 209000

**call:** +65 69585850

#### LATAM HEADQUARTERS

**office:** Avda. Luis Alberto de Herrera 1248, Flr. 12  
11300, Buceo, Montevideo, Uruguay

## 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 style="list-style-type: none"><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>	<ul style="list-style-type: none"><li>Status</li></ul>
Battery (MS_HW_BATTERY)	<ul style="list-style-type: none"><li>Additional Information 1</li><li>Additional Information 2</li></ul>	<ul style="list-style-type: none"><li>Status</li></ul>
Blade (MS_HW_BLADE)	<ul style="list-style-type: none"><li>Additional Information 1</li><li>Additional Information 2</li><li>Blade Model</li><li>Serial Number</li></ul>	<ul style="list-style-type: none"><li>Status</li></ul>
Processor (MS_HW_CPU)	<ul style="list-style-type: none"><li>Additional Information 1</li></ul>	<ul style="list-style-type: none"><li>Status</li></ul>
Fan (MS_HW_FAN)	<ul style="list-style-type: none"><li>Additional Information 1</li></ul>	<ul style="list-style-type: none"><li>Status</li></ul>
Logical Disk, RAID (MS_HW_LOGICALDISK)	<ul style="list-style-type: none"><li>Logical Disk Type</li><li>RAID Level</li><li>Size</li><li>Inclusion in Total Logical Disk Size</li></ul>	<ul style="list-style-type: none"><li>Status</li></ul>

