



Dell OpenManage Network Manager

Simple but powerful management for Dell PowerConnect environments

Growing networks can be a headache for today's IT organizations. Keeping track of the devices in your network and how they relate to each other and to other parts of your infrastructure can be difficult and time consuming. Dell™ OpenManage™ Network Manager makes it easy to plan and maintain centralized management of your Dell™ PowerConnect™ network. And that goes a long way toward making your job easier.

OpenManage Network Manager (OMNM) is a centralized management solution for small and mid-sized (up to about 500 switches) PowerConnect environments. It provides discovery, configuration management, monitoring, and reporting for PowerConnect, B-Series, J-Series, M-Series blades and W-Series devices.

OMNM automates the discovery of network devices, and provides detailed information on the devices and their connectivity, including the ability to draw physical and logical topology maps.

OMNM also provides the ability to easily configure and manage groups of PowerConnect devices; configuration changes and firmware deployments can be made to multiple devices in one operation, and many network operations can be scheduled for pre-determined times. In addition, OMNM enables the network administrator to monitor the health and performance of the PowerConnect network, allowing the creation of dashboards to capture important events and trends, and display them over time.

OMNM can lower TCO by proactively monitoring for network problems, automating common configuration actions, and enabling easy firmware deployment, allowing network administrators to focus on more critical activities.

Giving you control over your network

Discovery and inventory

Determining what devices are in the network, what their capabilities are, and how they are connected to one another, or to the server and storage infrastructure, can be a daunting task. OMNM's Discovery Wizard automatically discovers network devices, and can perform Deep Switch Discovery (physical & virtual devices, subcomponents, physical/logical connectivity) and Link Connection Discovery. Topology topologically maps and monitors network elements in both a geographical view and a logical view for easy visual analysis of the network. Inventory Reporting produces reports on current configurations and device inventory.

Configuration management

Tracking and making changes to the device configuration can be tedious and time-consuming, and error-prone when many devices are involved. OMNM's Resource Manager delivers a powerful and easy way to configure PowerConnect switches. Resource Group Manager provides one-to-many configuration changes and firmware deployments, enabling switches to be updated simultaneously with a single operation. Advanced Scheduling automates network management operations, such as backup and configuration changes, on a pre-determined schedule.

Monitoring and reporting

Network administrators need to know the health of their network and individual devices, and require easy and customizable reporting on network status. OMNM offers Event Management through the capturing, filtering and forwarding of events and traps, and active availability & performance monitoring for device & interface metrics and statistics. It also provides flexible Dashboards that include multiple display types for graphs (line, bar, pie, gauge).

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Do more with Dell's sophisticated, yet easy-to-use network management suite.

Single console

OMNM give you a unified console for all key network management functions – health and performance monitoring, as well as configuration and change management.

Agent-less architecture

Deploys in hours, not weeks or months, helps improve stability, and never requires an agent update.

Simple installation

OMNM offers powerful management capability in a single-server installation.

Supported platforms

OpenManage Network Manager version 4.x Server Installation Supports:

- Red Hat® Linux v4 and v5
- Microsoft® Windows® Server 2003 and 2008

OpenManage Network Manager version 4.x Server Installation Supports:

- Red Hat Linux v4 and v5
- Microsoft® Windows® Server 2003
- Microsoft® Windows® XP
- Microsoft® Windows® Vista
- Microsoft® Windows® 7

Supported devices

OMNM v4.4 supports the following Dell PowerConnect products:

Dell PowerConnect switches

- PowerConnect 3400 family (3424, 3448; PoE models: 3424P, 3448P)
- PowerConnect 3500 family (3524, 3548; PoE models: 3524P, 3548P)
- PowerConnect 5300 family (5316m, 5324)
- PowerConnect 5400 family (5424, 5448)
- PowerConnect 5500 family (5524, 5548; PoE models: 5524P, 5548P)
- PowerConnect 6000 family (6024, 6024F)
- PowerConnect 6200 family (6224, 6224F, 6248; PoE models: 6224P, 6248P)
- PowerConnect 7000 family (7024, 7024F, 7048, 7048R; PoE models: 7024P, 7048P)
- PowerConnect 8000 family (8024F, 8024)

Dell PowerConnect B-Series

- B-8000 (Ethernet ports)
- B-RX Enterprise switches (B-RX4, B-RX8)
- B-DCX4S
- B-FCoE 1024 Blade for B-DCX4S
- B-MLXe4/8/16
- B-FCX(s) family (FCX624, FCX648; FCX624s, FCX648s)
- B-TI24X

Dell PowerConnect J-Series

- J-EX4200 family
- J-EX8200 family (8208, 8216)
- J-SRX100/210/240

Dell PowerConnect M-Series (for the Dell PowerEdge™ M1000e)

- M6220
- M6348
- M8024
- M8024-k
- M8428-k

Dell PowerConnect W-Series

- W-620 / 650 / 651 Controllers
- W-3200 / 3400 / 3600 Controllers

Learn more at Dell.com/networkmanager

