

React faster and gain control over growing, complex data centers with agile server management

Dell EMC OpenManage-Modular systems management for Dell EMC PowerEdge MX boosts services delivery and restores IT agility for growing businesses.

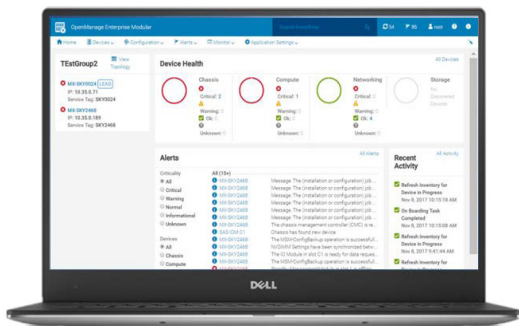
Transform IT management to scale server infrastructures and deliver superior results

IT needs a more agile systems management platform for the infrastructure, to help stay on top of new workloads and operating models. You are being asked to scale a growing data center, and deliver a full view of the health of the infrastructure. To do so requires making the management process simpler and reducing the number of tools to do the job. You also need to react faster to changing business demands with management that scales with your platforms.

With Dell EMC PowerEdge MX, you now have a comprehensive in-system management, helping you stay on top of complexity. The Dell EMC OpenManage Enterprise Modular (OME-Modular) Edition is a revolutionary step, delivering key abilities of OpenManage Enterprise (OME) systems management, within the server chassis. React faster, boost service delivery and unlock real-time views of servers, storage and networking, with OME-Modular.

Comprehensive compute, storage and networking management, enabled by a single GUI with intelligent automation and kinetic infrastructure

OME-Modular helps you transform how you manage the infrastructure and enable the business quickly. A unified web/RESTful API interface manages all nodes including compute, storage and networking. This helps reduce costs, learning curve and consolidates multiple tools for ease of access and monitoring. Simplified administration helps deploy and monitor at scale, from one to 20 chassis, with support for remote management. Agile, intelligent automation drives faster hardware rollouts and reduces repetitive tasks for accelerated lifecycle management. Readily transition on-premise infrastructure to a composable, hybrid cloud model with VMware™ VCF and Dell Technologies Cloud Validated Design with PowerEdge MX.



Advantages:

- Manage servers across up to 20 MX chassis
- Deploy faster with auto-chassis and node discovery
- Comprehensive RESTful API helps automate multiple tasks and integrate to 3rd party tools
- Enhance management with redundant OME-M module, Touchscreen LCD and OpenManage Mobile options for remote access
- Lead Chassis redundancy ensures continuous uptime operation
- Supported by VMware Cloud Foundation
- Common Criteria Certified with PowerEdge MX7000

Features	Description	Benefits
A unified and consolidated management approach helps increase IT effectiveness		
Single point of management with unified GUI	OME-Modular operates from the MX9002m module built into the MX chassis.	Enables ease-of-use access in one screen, consolidating multiple tools and screens. Manage all nodes and expansions from one chassis, for faster rollout.
Built-in management with redundancy option	OME-Modular is built-into MX chassis at factory, with option for redundant OME- M module. Lead Chassis redundancy ensures continuous uptime operation.	No software to install. Reduces maintenance and does not require another server to host a management application. Redundancy enables fast fail-over and ensures continuous monitoring of MX groups.
Multi-chassis management, discovery and scalability	Manage one chassis to 20 at once with the same GUI. Zero-click discovery of components.	Deploy and monitor at scale: as you add new sleds and chassis with ease, OME-Modular detects them automatically, removing risk of manual processes.
Agile, innovative technology drives increased business results		
Intelligent automation and profile assignment	Drive fast server deployment with automated profile assignment. The operational template methodology can create and automate other similar tasks.	Rapidly detect and configure servers in one or across multiple chassis, cutting time and manual entry errors. Eliminate manual server configuration.
RESTful API	Industry-standard interface to an ecosystem of partner resources and development tools. Automate tasks and expand management visibility of PowerEdge MX. Built on the Redfish standard.	Fewer clicks and less time wasted on manual configuration and management. Interface to 3rd party applications as needed, such as PowerShell and Python, supporting a variety of workloads.
Scale device management into OpenManage Enterprise	Easily interfaces with OpenManage Enterprise to combine management across multiple PowerEdge servers. Shared a common code base with OME.	Manage multiple server platforms easily with the same GUI interface and processes. Reduce learning curve and costs to show a unified view of the infrastructure.
Simplified administration enables end-to-end server and chassis lifecycle management		
Simplified setup	With a single IP address, as well as QR code, speed up system bring-up and auto-discovery. OME-Modular in lead chassis stores all information to deploy other MX chassis.	Reduces time and effort to bring up a new chassis into the infrastructure or MX group, which helps IT be more agile to business demands.
Secure update management	Provides a secure end-to-end firmware update and management process, with direct updates from Dell.com and validated firmware bundles.	Reduces risk of firmware breach to business-critical operations. Ensure security compliance for industries such as government and medical. Validated updates reduce risk of incompatible versions.
Added Flexibility and Troubleshooting	Access all nodes with Chassis Direct, eliminating the need for crash carts. Resolve issues with OpenManage Mobile Augmented Reality views.	Minimize troubleshooting and maximize access to key information which enables fast problem identification and resolution.
Powerful, flexible management	Extend management with OpenManage Mobile and QuickSync2 over a wireless connection.	Extend your view to handhelds over a wireless connection: respond faster.

Dell EMC OpenManage Ecosystem Portfolio for full-stack visibility and control

In modern IT infrastructures, management visibility and control across the ecosystem is critical. Dell EMC OpenManage systems management offerings help provide seamless management of PowerEdge servers and solutions on-premises and across your cloud infrastructures.

The Dell EMC OpenManage ecosystem of solutions enables industry-leading visibility and control across your server, operating system and hypervisor.

Discover more about PowerEdge servers



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