

Cisco Data Center Network Manager

Comprehensive management solution for VXLAN, LAN, SAN, and IP for media solutions

Cisco® Data Center Network Manager (DCNM) provides granular, scalable visibility for deep-dive troubleshooting, functionality, and maintenance operations that benefit data center operation teams. Cisco DCNM makes fabric management simple and reliable.

View, search, and locate

DCNM's topology views shows data center network switches and other connected entities such as virtual machines, container workloads, physical servers, and multiple fabrics.

Verify consistency

Deployment consistency and configuration compliance are fully supported by Cisco DCNM, which constantly checks for proper switch-to-fabric configurations with error autocorrection.

Gain real-time visibility

Operations teams can view operations metrics in real time to identify bottlenecks and optimize resource allocation for an efficient network and application experience.

Simplify day-2 operations

DCNM offers powerful day-2 functionality. Examples include resource manager, real-time topology views, endpoint Locator, network insights and assurance with modern telemetry, and Return Materials Authorization (RMA).

*Source the Miercom report

Benefits

- Reduce deployment time of VXLAN-EVPN fabrics to minutes
- Improve fabric reliability with constant monitoring of compliance and health
- Reduce operation errors with predefined deployment models
- Monitor and alert operators to failure conditions
- Visualize multiple fabrics with intuitive topology

Cisco DCNM is a complete data center manager for simplifying the management of VXLAN-EVPN network fabrics while lowering operational costs.

“Speed is the key to winning business. Since we implemented these Cisco technologies, we’ve been able to deploy new client environments faster than the identified delivery date.”

Khoa Tran
Network Architect
MacStadium

Call to action

Visit the [Cisco Data Center Network Manager website](#) to watch demos, read case studies, and learn more.



Automation

Accelerate provisioning from days to minutes, and simplify deployments.



Visibility

Reduce troubleshooting cycles with graphical operational visibility for topology, network fabric, and infrastructure.



Consistency

Eliminate configuration errors with templated deployment models and configuration compliance alerting with automatic remediation.

What it does

Empower IT to move at the increasing speed required of your business. Get complete automation, extensive visibility, and consistent operations for your data center.

DCNM is the network management platform for all Cisco NX-OS-enabled deployments, spanning new fabric architectures, IP Fabric for Media, and storage networking deployments for the Cisco Nexus-powered data center.

DCNM 11 supports:

- * Multitenant, multifabric infrastructure management for Cisco Nexus® switches
- * Storage management for the Cisco MDS 9000 family and Cisco Nexus Switches