

# Cisco Managing LAN Infrastructure with Cisco Data Center Network Manager v1.1 (DCNML)

**Duration:** 24.00 hours (3 days)

**19.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

The course, Managing LAN Infrastructure with Cisco Data Center Network Manager (DCNML) v1.0 enhances your knowledge of managing LAN Infrastructure with Cisco Data Center Network Manager (DCNM) implementing a spine-and-leaf network fabric using DCNM with Virtual Extensible LAN (VXLAN), Ethernet VPN (EVPN), and Border Gateway Protocol (BGP). You will learn how the integration of spine-and-leaf network fabric with Cisco Data Center Network Manager increases overall data center infrastructure uptime and reliability, thereby improving business continuity. It provides a robust framework and comprehensive feature set that meets the routing, switching, and storage administration needs of data centers. Cisco DCNM streamlines the provisioning for the unified fabric and monitors the SAN (Storage area network) and LAN (Local area network) components.

## About This Course

The course, Managing LAN Infrastructure with Cisco Data Center Network Manager (DCNML) v1.0 enhances your knowledge of managing LAN Infrastructure with Cisco Data Center Network Manager (DCNM) implementing a spine-and-leaf network fabric using DCNM with Virtual Extensible LAN (VXLAN), Ethernet VPN (EVPN), and Border Gateway Protocol (BGP). You will learn how the integration of spine-and-leaf network fabric with Cisco Data Center Network Manager increases overall data center infrastructure uptime and reliability, thereby improving business continuity. It provides a robust framework and comprehensive feature set that meets the routing, switching, and storage administration needs of data centers. Cisco DCNM streamlines the provisioning for the unified fabric and monitors the SAN (Storage area network) and LAN (Local area network) components.

## Who Should Attend

This course is ideal for the following professionals:

Data Network Engineers and Administrators

Data Center Technical Managers

# Learning Outcomes

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**Upon successful completion of this course, participants will be able to:**

After completing the course, you should be able to:

Describe the components and functionality of DCNM.

Describe the software define network protocols of VXLAN, eVPN and BGP.

Deploy a DCNM environment in high-availability environment.

Operate the DCNM discovery process to acquire management of all devices.

List high lever navigation features of DCNM and utilize the DCNM GUI (Graphical User Interface) to optimize data center topologies.

Manage and monitor data center LAN fabric from DCNM.

Program RESTful APIs native to DCNM to perform any network management task.

Troubleshoot and monitor the network using DCNM troubleshooting tools.

Describe the benefits of DCNM Network Insights.

## Additional Course Details

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Nexus Humans Cisco Managing LAN Infrastructure with Cisco Data Center Network Manager v1.1 (DCNML) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Managing LAN Infrastructure with Cisco Data Center Network Manager v1.1 (DCNML) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for Cisco Managing LAN Infrastructure with Cisco Data Center Network Manager v1.1 (DCNML)?**

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
  - Traditional Instructor-Led Classroom Training (ILT)
  - On-site delivery at your offices anywhere in United Kingdom
  - Private dedicated courses customized for your team
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## **Q: How many CPD hours does this course provide?**

The 3-day Cisco Managing LAN Infrastructure with Cisco Data Center Network Manager v1.1 (DCNML) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Cisco Managing LAN Infrastructure with Cisco Data Center Network Manager v1.1 (DCNML) training?**

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Cisco Managing LAN Infrastructure with Cisco Data Center Network Manager v1.1 (DCNML)?**

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Managing LAN Infrastructure with Cisco Data Center Network Manager v1.1 (DCNML). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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## Q: Why choose Nexus Human for Cisco Managing LAN Infrastructure with Cisco Data Center Network Manager v1.1 (DCNML)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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## Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Cisco Managing LAN Infrastructure with Cisco Data Center Network Manager v1.1 (DCNML) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

# Nexus Human

## Professional Training & Development

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