Configuring Cisco MDS 9000 Series Switches

Category: Infrastructure & IT Operations | **Vendor:** Cisco

Duration: 32.00 hours (4 days) **26.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

The Configuring Cisco MDS 9000 Series Switches course shows you how to implement, manage, and troubleshoot Cisco® MDS 9000 Series Switches, to build highly available, scalable storage networks. Through expert instruction and extensive hands-on practice, you will learn how to deploy and use capabilities such as Virtual Storage Area Networks (VSANs), Role-Based Access Control (RBAC), N-Port Virtualization (NPV) fabric security, zoning, automation with NX-API, Slow Drain Analysis, SAN analytics, Fibre Channel over TCP/IP (FCIP) tunnels, and more.

This course will help you:

- Learn how to deploy and troubleshoot the Cisco MDS 9000 Series Switches to support performance, resiliency, scalability, and enhanced operations for data centers
- Gain knowledge and skills through Cisco’s unique combination of lessons and hands-on practice using enterprise-grade Cisco learning technologies, data center equipment, and software
- Succeed in today’s demanding data center operations roles

About This Course

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Who Should Attend

- Technical decision makers
- Network architects
- Data center systems engineers
- Field engineers

Prerequisites & Entry Requirements

General Prerequisites:

To fully benefit from this course, you should have the following knowledge and skills:

- Basic understanding of data storage hardware components and protocols, including Small Computer System Interface (SCSI) and Fibre Channel
- Basic understanding of network protocols, including Ethernet and IP
- Basic routing and switching knowledge

The following course may help you meet these prerequisites:

- Implementing and Operating Cisco Data Center Core Technologies (DCCOR)

Learning Outcomes

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

After taking this course, you should be able to:

- Discover and describe the Cisco Multilayer Director Switch (MDS) platform of multilayer switches and directors.
- Provisioning Cisco MDS Switches
- Describe key product features of the MDS platform
- Describe and implement automation an Cisco MDS Switches
- Configure and implement the Cisco MDS switches and platform features
- Resolve issues and troubleshoot FC domains, zones and zone merges, and switch boot and firmware upgrades

Detailed Course Outline

- Section 1: Describing Cisco MDS Platform
- Section 2: Provisioning Cisco MDS Switches
- Section 3: Building the Fibre Channel Fabric with Cisco MDS Switches
- Section 4: Automatic Cisco MDS Fabric
- Section 5: Monitoring and Reporting Cisco MDS Features
- Section 6: Troubleshooting Common Cisco MDS Issues

Skills You Will Learn:

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Frequently Asked Questions

Q: What delivery options are available for Configuring Cisco MDS 9000 Series Switches?

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

Q: How many CPD hours does this course provide?

The 4-day Configuring Cisco MDS 9000 Series Switches course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Configuring Cisco MDS 9000 Series Switches training?

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Configuring Cisco MDS 9000 Series Switches?

Yes, we provide corporate training, dedicated training, and closed classes for Configuring Cisco MDS 9000 Series Switches. 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.

Q: What related terms do people search for?

Popular related searches include: Configuring Cisco MDS 9000 Series Switches, Cisco Data Center, DCMDS

Q: Why choose Nexus Human for Configuring Cisco MDS 9000 Series Switches?

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

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Configuring Cisco MDS 9000 Series Switches training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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