

Configuring Cisco MDS 9000 Series Switches (DCMDS)

ID DCMDS Price 4,290.— €(excl. tax) Duration 4 days

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

Who should attend

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

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 \(DCCOR\)](#)

Course Objectives

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 on 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

About Fast Lane



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