

# 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



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

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