

DCMDS (CONFIGURING CISCO MDS 9000 SERIES SWITCHES (DCMDS) V3.6) 3.6

Objetivo

After taking this training, you should be able to:

- Discover and describe the Cisco Multilayer Director Switch (MDS) platform of multilayer switches and directors
- Provision 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

Público Alvo

• Technical decision makers

• Network architects

• Data center systems engineers

• Field engineers

Pré-Requisitos

To fully benefit from this training, 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

These are the recommended Cisco trainings that may help you meet these prerequisites:

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

Carga Horária

32 horas (4 dias).

Conteúdo Programático

Lab outline

- Perform Initial MDS Configuration
- Setup Cisco DCNM
- Explore DCNM-SAN Client and DCNM Cisco Device Manager
- Configure and Use RBAC
- Configure and Use RBAC with DCNM-SAN Client and Device Manager
- Manage VSANs and Fibre Channel Domain
- Configure Interfaces
- Configure Device Aliases and Zoning
- Configure FCIP Tunnels and FCIP High Availability
- Configure IVR for SAN Extension
- Configure NPV and NPIV

- Explore and Automate with NX-API
- Monitor SAN with Cisco DCNM
- Configure SAN Analytics and SAN Telemetry Streaming
- Troubleshoot Fibre Channel Domains, Zoning, and Zone Merges
- Perform Slow-Drain Analysis with Cisco DCNM