

DCNMS**Managing SAN Infrastructure with Cisco Data Center Network Manager**

16 horas

Data Center & Cloud

Cisco

INTRODUÇÃO

The Managing SAN Infrastructure with Cisco® Data Center Network Manager (DCNMS) course provides product training that teaches you to deploy, operate, and maintain the Cisco Data Center Network Manager (DCNM) SAN solutions. You will learn to configure, monitor, and troubleshoot Cisco storage networking infrastructure using Cisco DCNM. Cisco DCNM provides management, automation, visualization, and troubleshooting across Cisco Nexus® and Cisco Multilayer Distributed Switching (MDS) solutions.

You will learn how the DCNM serves as a Storage Area Network (SAN) solution for managing and troubleshooting Cisco storage architecture.

OBJETIVO DO CURSO

After taking this course, you should be able to:

Describe Cisco DCNM SAN components, licensing, high availability, and security features

Describe Cisco DCNM SAN reports, alerts, event forwarding, and troubleshooting tools, including Cisco DCNM SAN Insights and SAN Analytics features

Describe the working principles of Fluidmesh FluidCare customer support plans from the perspective of a Fluidmesh sales agent

PÚBLICO-ALVO

IT professionals interested in understanding the capabilities of the MDS 9000 Series using Cisco DCNM. Professionals seeking a deeper knowledge of SAN operations using both CLI and DCNM may also take the 4-day course, Configuring Cisco MDS 9000 Series Switches (DCMDS).

PRÉ-REQUISITOS

Prior knowledge of the following information can help you get the most from this course:

General knowledge of servers

Basic understanding of data storage hardware components and protocols, including Small Computer System Interface (SCSI) and Fiber Channel

Basic understanding of network protocols, including Ethernet and TCP/IP

Storage area networking knowledge

Storage systems knowledge

Server virtualization knowledge

CONTEÚDO PROGRAMÁTICO

Implementing Cisco DCNM SAN

Cisco DCNM Solution Overview

Implement Cisco DCNM SAN

Integrate Cisco DCNM SAN with VMware vCenter

Cisco DCNM SAN Licensing

Monitoring and Troubleshooting SAN Infrastructure Using Cisco DCNM SAN

Cisco DCNM SAN Alerts and Reports

Dashboards in Cisco DCNM SAN

SAN Troubleshooting with the Cisco DCNM

SAN Analytics and Telemetry Streaming

Lab outline

Lab 1: Implement Cisco DCNM SAN

Lab 2: Configure SAN Features with Cisco DCNM SAN

Lab 3: Monitor SAN with Cisco DCNM

Lab 4: Perform Slow-Drain Analysis with Cisco DCNM

Lab 5: Implement Cisco DCNM SAN Insights