

Connectrix SAN Administration: Cisco MDS Series

OEM: Dell EMC • Code: ESSTGS08344



COURSE DESCRIPTION

This course is intended for individuals who will perform SAN management activities using vendor-specific tools in a Dell Technologies environment.

Connectrix SAN switches are administered through CLI and UI management tools for configuration in a multi-switch fabric to enable communication between hosts and storage. The concepts of SAN design, configuration, and management for MDS-Series switches from Cisco is provided.

To further enrich your learning experience, collaborative lab sessions will allow for collective student exploration and practical application of the course material.

AUDIENCE PROFILE

- This course is intended for anyone planning to manage SANs in a Dell Technologies environment.

PREREQUISITES

- To ensure a comprehensive understanding and the ability to engage with the material effectively. It is beneficial to have a solid understanding of these foundational topics and skills:
- Storage Area Network (SAN) protocols and devices
- Fibre channel concepts
- Familiarity with host

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Upon successful completion of this course, participants should be able to:
- Describe the components of a Fibre Channel fabric.
- Perform configuration and management tasks on Dell Connectrix MDS-Series switches.
- Manage zoning on MDS-Series switches.
- Configure virtualization features including VSANs, Virtual Fabrics, NPIV, NPV, and Access Gateway.
- Expand fabrics by merging switches.
- Perform basic troubleshooting using SAN Management tools.

COURSE OUTLINE

Module 1: SAN Management Concepts

- Designing a Fabric
- Fibre Channel SAN Environment
- Manage the SAN

Module 2: MDS-Series Administration

- MDS-Series Management
- MDS-Series SAN Environment and VSANs
- MDS-Series Switch Maintenance
- MDS-Series Zoning
- MDS-Series Mergin

DELIVERY NOTE

- In addition to lecture and demonstrations, this course includes labs designed to allow practical experience for the participant.