

Dell Connectrix SAN Administration

Course Description

Course Duration

4 Days

Overview

This collaborative 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 B-Series switches from Broadcom and 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

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

Prerequisite Knowledge/Skills

To understand the content and successfully complete this course, a student must have a suitable knowledgebase/skill set. Students would benefit from an understanding of:

- Storage Area Network (SAN) protocols and devices
- Fibre channel concepts
- Familiarity with host

Course Objectives

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 B-Series and MDS-Series switches.
- Manage zoning on B-Series and 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

The content of this course is designed to support the course objectives.

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- SAN Management Concepts
 - Designing a Fabric
 - Fibre Channel SAN Environment
 - Manage the SAN
- B-Series Administration
 - B-Series Management
 - B-Series SAN Environment and Virtual Fabrics
 - B-Series Switch Maintenance
 - B-Series Zoning
 - B-Series Merging
- MDS-Series Administration
 - MDS-Series Management
 - MDS-Series SAN Environment and VSANs
 - MDS-Series Switch Maintenance
 - MDS-Series Zoning
 - MDS-Series Merging

In addition to lecture and classroom activities, this course includes collaborative lab sessions that will allow for collective student exploration and practical application of the course material.

Course Delivery Modes and Product Version Information

Refer to the **Product Version Description** document for a list of Delivery Modes and product versions covered by this course.

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