



Designing Cisco Storage Network Solutions (DCSNS) v3.0

Description

The course enables the student to design enterprise Cisco MDS 9000 solutions that include core Fibre Channel SANs, iSCSI for mid-range applications, and SAN extension solutions.

Course Objectives

After completing this course the student should be able to:

- Given a SAN environment, identify the components, services, and features of the MDS 9000 platform that can be used to improve the availability, scalability, performance, and manageability of the SAN.
- Given the MDS platform components, design a multiprotocol SAN to meet a variety of customer requirements.
- Given a SAN environment, design a SAN that enables storage consolidation.
- Given a SAN environment, design a SAN security implementation that includes port and fabric security, secure management protocols, and role-based access control to meet security policy requirements.
- Given an understanding of SAN extension applications, design a SAN extension solution that meets application availability, performance, and scalability requirements.

Who Should Attend

Customers, Channel Partners/Resellers, Cisco Employees

Student Pre-requisites

Basic understanding of data storage hardware components and protocols, including SCSI and Fibre Channel

Course Outline

Module 1: MDS 9000 Platform Overview
Module 2: Designing SAN Fabrics
Module 3: Consolidating Storage in the Data Center
Module 4: Securing the SAN
Module 5: Designing SAN Extension Solutions

Appendix A: SCSI Overview
Appendix B: Fibre Channel Overview
Appendix C: MDS 9000 Hardware Installation Reference

Length of Course

5 days

Maximum Class Size

12 Students

Class Locations

All APAC locations, subject to suitable venue.

Further Information

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