



Implementing Cisco Advanced Storage Networking Solutions

BUILDING TRAINING SOLUTIONS
FOR THE IT WORLD

Number of Days: 5

Format: Instructor-Led

Recommended Course Sequence

Knowledge of prerequisites
noted below.

*Course content is subject to change
without notice.*

Course Description:

This course enables the student to implement advanced Cisco MDS 9000 technologies and features that apply primarily to enterprise SANs, and troubleshoot common SAN problems and configuration errors. This course merges CASI and CMSE, including updates of SAN-OS 2.1 and 3.0

Prerequisites:

This course requires a basic understanding of the following topics:

- ICSNS 3.0

Delivery Method:

Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

At Course Completion:

Upon successful completion of this course, students will be able to:

- Given a detailed Fibre Channel SAN design specification, the learner will be able to implement a SAN with multiple virtual fabrics using the full range of features and capabilities provided by the Cisco MDS platform, so that the SAN demonstrates high availability, scalability, performance and interoperability
- Given a detailed set of Fibre Channel SAN management requirements, the learner will be able to configure and use fabric management, performance management, and security services on the Cisco MDS platform, so that the SAN can be effectively managed, tuned, and secured.
- Given a set of observable symptoms on a Fibre Channel SAN, the learner will be able to diagnose and correct software configuration issues and inoperable hardware components, so that the problems are resolved with minimal disruption to the SAN environment
- Given a set of requirements for an iSCSI implementation, the learner will be able to identify and configure the appropriate iSCSI features to meet the requirements.

Course Outline

Lessons:	
■	Building Enterprise SAN Fabrics
■	Implementing Management and Security Services
■	Advanced Troubleshooting
■	Implementing iSCSI