

CI - IASNS

Implementing Cisco Advanced Storage Networking Solutions v4.0

Summary

Duration
5 Days

Vendor
Cisco

Category
Storage



Introduction

This course is a 5-day training program designed for systems and field engineers who implement storage networking solutions with the Cisco MDS 9000 platform. This course focuses on advanced topics for Cisco MDS 9000 storage networks, including building virtual SAN fabrics, building heterogeneous SAN fabrics, configuring management and security services, configuring iSCSI, and advanced troubleshooting skills. A significant portion of the course is devoted to troubleshooting.

Prerequisites

Implementing Cisco Storage Networking Solutions (ICSNS) v3.0 or v4.0

Course Objectives

Upon completing this course, the learner will be able to meet these overall objectives:

- 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

- Module 1: Building Enterprise SAN Fabrics
- Module 2: Management and Security Services Implementation
- Module 3: Advanced Troubleshooting
- Module 4: iSCSI Implementation

Associated Certifications & Exams

Exam (642-359 ICSNS) tests a candidate's knowledge for The Cisco Storage Networking Solutions Support Specialist Certification and validates an individual's knowledge of installing, configuring, and troubleshooting Cisco storage products to maintain a highly scalable, efficient, high performing storage networking environment.

On successful completion of this course students will receive both a Torque IT attendance certificate.