

IBM - Storage Area Networking Fundamentals

Code: SN71DG-WBT

URL: [View Online](#)

This IBM Web-Based Training (WBT) is Self-Paced and includes:

- Instructional content available online for duration of course
- Visuals without hands-on lab exercises

IBM offers a comprehensive portfolio of SAN switches, storage, software, services and solutions to reliably bring information to people in a cost effective way. IBM provides flexible, scalable and open standards-based business-class and global enterprise-class storage networking solutions for the on demand world.

This course provides an overview of storage network and data center networking technology. It reviews SAN concepts, Fibre Channel architecture, SAN topologies, IBM b-type offerings, IBM offerings from Cisco, and SAN over Ethernet architectures, such as iSCSI and FCoE.

Skills Gained

After completing this course, you should be able to:

- Classify the components of a SAN infrastructure
- Appraise the Fibre Channel architecture and terms
- Classify the three major components of a SAN
- Differentiate the features of the IBM Storage System b-type switch offerings
- Differentiate the features of the IBM offered Cisco SAN switches and directors
- Evaluate the implementations of iSCSI and FCoE

Who Can Benefit

This is a base course for individuals who are involved in the planning, installing, configuring, and upgrading of IBM systems.

Prerequisites

The following course, or equivalent knowledge, is required prior to this course:

- Introduction to Storage (SS01G)

Course Details

Course Outline

Recommended Agenda

Unit 1 - SAN Concepts

Unit 2 - Fibre Channel

Unit 3 - SAN design and topology

Unit 4 - IBM Fibre Channel b-type switches and directors

Exercise 1 - Switch management overview

Exercise 2 - Zone configuration using Web Tools

Exercise 3 - Configure a Spectrum Virtualize storage system

Exercise 4 - Zone configuration with CLI

Exercise 5 - SAN Domain Fabrics

Exercise 6 - Boot from SAN

Unit 5 - Cisco MDS Fibre Channel switches and directors

Unit 6 - SAN over Ethernet

Exercise 7 - Cisco MDS basic configuration

Exercise 8 - Cisco management tool installation

Exercise 9 - VSAN configuration

Exercise 10 - Define zone configuration on Cisco

Exercise 11 - Configuring DS3524 storage device

Exercise 12 - iSCSI configuration