



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Storage Area Networking Fundamentals

CODE:	LENGTH:	PRICE:
SN71G	4 days	\$3,200.00

Description

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.

Objectives

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

Audience

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 (SS01)

For additional course information and roadmaps please visit our training site: www.ibm.com/training

Programme

Welcome

- Unit 1 - SAN Concepts

- Unit 2 - Fibre Channel

- Unit 3 - SAN design and topology (2 of 2) (continued)

Day 1 • Unit 3 - SAN design and topology (1 of 2) Day 2 • Unit 4 - IBM Fibre Channel b-type switches and directors Day 3

- Exercise 0 - Lab setup and preliminary instructions

- Exercise 1 - Switch management overview

- Exercise 2 - Management software installation

- Exercise 3 - Zoning configuration

- Exercise 4 - Configuring the IBM Storwize V3700 storage system

- Exercise 5 - V3700 storage provisioning using iSCSI

- Exercise 6 - Brocade VDX fabric merging

- Unit 5 - Cisco MDS Fibre Channel switches and directors

- Unit 6 - SAN over Ethernet

- Exercise 7 - Basic configuration

- Exercise 8 - Management tools installation

- Exercise 9 - VSAN creation

- Exercise 10 - Zoning configuration on Cisco

- Day 4 • Exercise 11 - Configuring the DS3500 storage subsystem

Further Information

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process: <http://w3.ibm.com/services/gbs/evita/BCSVTEnr1.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show: The current GTP list price
The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
03 Oct 2022	Virtual Classroom	CDT	English	Instructor Led Online		\$3,200.00
03 Oct 2022	Virtual Classroom	CDT	English	Instructor Led Online		\$3,200.00
29 Nov 2022	Virtual Classroom	CST	English	Instructor Led Online		\$3,200.00
29 Nov 2022	Virtual Classroom	CST	English	Instructor Led Online		\$3,200.00

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)