

IBM TOTALSTORAGE DS8000 IMPLEMENTATION FOR OPEN SYSTEMS

Overview

Course code	SS49BGB	Delivery type	Classroom (Hands-on labs)
Duration	4.0 days	Course type	Public or Private on-site

To learn about the DS8000 storage subsystem and its hardware components and logical structure for open systems hosts. Students will configure hosts and fixed block logical unit numbers (LUNs) for the DS8000 storage subsystem using a DS8000 Storage Manager graphical user interface (GUI) and review the DS command line interface (DSCLI) for scripting configuration functions. Configuration can be handled online or offline, with import and export capabilities for configuration files created in the offline configuration simulator.

Roadmaps that reference this course are:

Storage Management in the Open Systems Environment
IBM Certified Specialist - High End Disk Solutions

Audience

Information Technology (IT) storage administrators responsible for the implementation of storage resources in a storage area network (SAN) environment with hardware solutions and operating systems.

Pre-requisites

- *Introduction to Storage Area Networks (SN70)*
- *Introduction to Data Storage Systems (SS05)*
- An understanding of System z storage and open systems operating systems.

Objective

- Give details on the DS8000 storage subsystem hardware components and architecture
- Describe the virtualization concepts of the IBM System Storage DS8000
- Use the DSCLI commands to configure the DS8000 subsystem

- Use the DS Storage Management GUI to configure the DS8000 subsystem
- Configure the DS8000 for performance
- Attach open systems hosts to the DS8000
- Use multipath operations and SDD
- Use the DS8000 Copy Services functions
 - FlashCopy
 - Remote Mirror
- Use the DSCLI for Copy Services commands
- Discuss the System z attachment considerations

Key topics

- IBM TotalStorage DS8000 Implementation for open systems introduction
- IBM DS family and DS8000 overview
- IBM DS8000 architecture and hardware overview
- IBM DS8000 virtualization, configuration, and planning
- IBM DS8000 Storage Manager graphical user interface
- IBM SSPC System Storage Productivity Center
- IBM DS8000 command line interface
- Configure the IBM DS8000 for open systems environment
- IBM DS8000 Copy Services
- IBM DS8000 performance and tuning
- Summary