

IBM DS8000 Implementation Workshop for z Systems Information

Length: 3.0 Days
Ref: SSF1G
Delivery method: Classroom
Price: EUR

Overview

To learn the DS8000 storage subsystem and its hardware components and logical structure. You configure the DS8000 storage subsystem using a DS8000 Storage Manager GUI and review the DS CLI interface for scripting configuration functions. You will also perform dynamic data relocation using Easy Tier function.

Public

This course is for system administrators, architects, and storage specialists. Anyone who needs to learn about DS8000 implementation and experiment with them on a real test configuration.

Prerequisites

You should have completed:

- *An Introduction to Data Storage (SS05)*
- *Fundamentals in Storage Management (SS06)*

You should have:

- An understanding of DASD **and** data sets **and** how client hosts access data directly **or** through FICON channels

Objective

- Describe the hardware components of the IBM DS8000
- Recognize the architecture of the DS8000
- Install the DS CLI interface
- Configure the DS8000 for System z environment using DS CLI
- Configure the DS8000 for System z environment using DS GUI
- Recall the zSeries host attachment considerations
- Recognize the DS8000 Copy Services
- Classify performance, tuning, and monitoring for DS8000
- Only Windows servers are used during all the lab sessions to access

- DS8000 storage using DSCLI and DS GUI

Topics

Day 1

Welcome

- Unit 1: Concepts and architecture
- Unit 2: Concepts of virtualization
- Unit 3: DS Command Line Interface
- Exercise 0: Lab setup and preliminary instructions
- Exercise 1: DS8000 DS CLI: Installation and configuration
- Exercise 2: DS8000 DS CLI: DDMs, array sites, arrays, ranks, and extent pools
- Exercise 3: DS8000 DS CLI: LCU, CKD volumes, and PAVs

Day 2

- Unit 4: DS8000 Storage Manager GUI
- Exercise 4: DS8000 Storage Manager: Arrays, ranks, and extent pools
- Exercise 5: DS8000 Storage Manager: LCU, CKD volumes, and PAVs
- Exercise 6: DS8000 Storage Manager: I/O ports configuration
- Exercise 7: DS8000 Storage Manager: Other functions
- Exercise 8: DS8000 Easy Tier: Dynamic volume relocation

Day 3

- Exercise 9: DS8000 Easy Tier: Dynamic pool merge
- Unit 5: Host attachment
- Unit 6: Performance, tuning, and monitoring
- Unit 7: Business continuity

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