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# IBM DS8000 Implementation Workshop for z Systems Information

**Length:** 24.0 Hours  
**Ref:** SSF1G □  
**Delivery method:** Classroom  
**Price:** AUD

## 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. In addition we have a unit on the recently announced product called the DS8900F.

## 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:

- Introduction to Storage (*SS01G*)
- An understanding of DASD and data sets and how clients hosts access directly or through FICON channels.

## 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
  
- Unit 8: DS8900F Introduction

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