

Course Code: SSF0G

Course Title: IBM DS8000 Implementation Workshop for Open Systems

### **Description:**

This course is designed to help you understand, install, and monitor the DS8000 for the Open Systems environment. The exercises enable you to perform a step-by-step implementation.

### **Objectives:**

- Recall the DS8000 models and features
- Remember the architecture and hardware associated with the DS8000
- Classify the DS8000 virtualization concepts
- Summarize the DS8000 DS8000 command-line interface
- Summarize the DS8000 graphical user interface
- List the Copy Services features
- Classify the features associated with performance, tuning, and monitoring
- List the steps required to configure the DS8000 for Open Systems environment
- Recognize the IBM DS8000 solutions for Business Continuity

### **Prerequisites:**

Recommended:

Introduction to Storage - (SS01G)

Planning and Implementation a SAN - (SN71G)

More details are available at [www.ibm.com/training](http://www.ibm.com/training)

### **Duration:**

32 Hrs

### **Topics:**

#### **Day 1**

- Welcome and introduction
- Unit 1: IBM DS family, DS8000 overview
- Unit 2: Architecture and hardware overview
- Unit 3: Virtualization concepts

#### **Day 2**

- Unit 4: DS command-line interface (DS CLI)
- Unit 5: DS8000 Storage Manager GUI
- Unit 6: Host system attachment
- 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: Windows Server preparation

#### **Day 3**

- Exercise 4: Windows Server attachment to the DS8000
- Exercise 5: AIX Server attachment to the DS8000
- Exercise 6: DS8000 Storage Manager: Arrays, ranks, and extent pools
- Exercise 7: DS8000 Storage Manager: FB volumes, volume groups, and hosts
- Exercise 8: DS8000 Storage Manager: Other functions
- Exercise 9: DS8000 Easy Tier: Dynamic Volume Relocation
- Exercise 10: DS8000 Easy Tier: Dynamic Extent Pool Merge

#### **Day 4**

- Unit 7: Performance, tuning, and monitoring
- Unit 8: Business Continuity: Copy Services
- Unit 9: Summary
- Exercise 11: DS8000 Storage Manager: Thin provisioning
- Open lab sessions

#### **Audience:**

This intermediate course is for System administrators and technical personnel who need to install a DS8000 in their environment.