DFSMShsm Implementation

Duration: 4.5 Days **Course Code: SS86G** **Delivery Method: Virtual Learning**

Overview:

This course prepares you to implement and manage DFSMShsm (DFSMS hierarchical storage manager). You will learn how to automate the storage management tasks, which optimize DASD space utilization and provide data availability. You will be taught basic DFSMShsm terminology and concepts, and you will examine the functions and interfaces used to tailor DFSMShsm processing to meet your installation's storage management requirements.
Hands-on lab exercises enable you to perform a step-by-step implementation.

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Target Audience:

This is an intermediate course for storage administrators who are new to using DFSMShsm.

Objectives:

- Understand the relationship between DFSMShsm and DFSMS and get an overview of the functions of DFSMShsm and its operating environment.
- Understand the DFSMShsm activities for Primary and Secondary Space Management and setup the required configuration for automatic space management.
- Authorize special users for DFSMShsm commands and perform space management functions using authorized DFSMShsm commands.
- Understand the DFSMShsm activities for Availability Management and setup the required configuration for automatic availability management.
- Implement the Automatic Backup and Recovery Support (ABARS), and perform data set and volume management using authorized DFSMShsm commands.
- Understand DFSMShsm processing in large systems.
- Understand recovery using ABARS, recovery from data set or volume loss, recovery of control data sets and journals.
- Use the AUDIT command to detect and fix discrepancies and the LIST, QUERY and FIXCDS commands to correct error situations.
- Manage and monitor DFSMShsm using log data sets and statistical information as well as manage DFSMShsm tapes.

Prerequisites:

You should be familiar with the basic concepts of data storage systems and with storage management activities. This knowledge can be acquired by taking the following two courses:

- An Introduction to Data Storage Subsystems (Classroom) (SS050)
- Storage Management Fundamentals (Classroom) (SS060)

or

- Storage Management Fundamentals (Instructor-led Online)

(SK060)
Equivalent experience may be substituted for these courses.

Content:

Day 1

- Welcome and introduction
- Unit 1: Overview DFSMShsm functions and environment Exercise 1: ISMF introduction

Day 2

- Exercise 1: Review
- Unit 2: Space management
- Exercise 2: Preparing DFSMShsm for space management Unit 3: Command space management
- Exercise 3: Command space management

Day 3

- Exercise 3: Review
- Unit 4: Availability management
- Exercise 4: Preparing DFSMShsm for availability management Unit 5: Command availability management
- Exercise 5: Command availability management

Day 4

- Exercise 5: Review
- Unit 6: DFSMShsm in large systems Unit 7: Recovery
- Exercise 6: Recovery
- Unit 8: DFSMShsm forward recovery Exercise 7: Forward recovery

Day 5

- Exercise 7: Review
- Unit 9: Managing and monitoring DFSMShsm

Further Information:

For More information, or to book your course, please call us on 030 - 60 89 444

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