DFSMS Implementation

Duration: 4 Days Course Code: SS84G

Overview:

This course provides the skills required to plan and implement Data Facility Storage Management Subsystem (DFSMS).

A step-by-step implementation strategy, emphasizing coexistence considerations, is reinforced by hands-on labs. In the hands-on labs, students will be creating constructs as well as coding ACS routines. This milestone approach includes managing temporary and permanent data sets. The course also discusses exploitation of functions provided by DFSMS as the installation evolves to the DFSMS environment.

Target Audience:

This is an intermediate course is for personnel responsible for developing and implementing effective storage management techniques using DFSMS.

Objectives:

- **After this course participants should be able to:**
- Establish a DFSMS configuration to automatically enforce your installation's storage management policies
- Convert service level requirements into appropriate parameters for data class, storage class, management class, and storage groups
- Create and test automatic class selection (ACS) routines
- Convert volumes and move data to system-managed volumes with data
- facility data set services (DFSMSdss)
- Specify appropriate management class and storage group parameters for
- DFSMShsm processing of system-managed data sets
- Establish procedures to control, manage, and recover the storage management subsystem with ISMF and operator commands
- Develop a DFSMS implementation plan

Prerequisites:

You should take the following courses or quivalent knowledge may be substituted for these courses.

- An Introduction to Data Storage Subsystems (SS05G)
- Storage Management Fundamentals (SS06G) or Storage Management Fundamentals (SK06G)

It is recommended that the student have programming experience which will aid in the writing of the ACS routines.

Testing and Certification

None

Follow-on-Courses:

None

Content:

Day 1

- Welcome
- Unit 1 - Course introduction and DFSMS overview Lab 1 - ISMF
- Lab 1 - Review
- Unit 2 - Activating SMS

Day 2

- Lab 2 - Activating SMS with minimal configuration
- Lab 2 - Review
- Unit 3 - Writing ACS routines
- Unit 4 - Managing temporary data sets Lab 3 - Managing temporary data sets

Day 3

- Lab 3 - Review
- Unit 5 - Exploiting DFSMS
- Unit 6 - Managing permanent data sets Lab 4 - Managing permanent data sets

Day 4

- Lab 4 - Review
- Unit 7 - Using NaviQuest
- Unit 8 - Device preparation and data movement Lab 5 - Volume and data set conversion to SMS Lab 5 - Review
- Unit 9 - Controlling DFSMS Lab 6 - System operations
- Unit 10 - Additional considerations

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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