

IBM System z Hardware Management Console (HMC) Operations

Duration: 2 Days Course Code: ES24G

Overview:

This course teaches you navigation, operation, and recovery techniques for the Hardware Management Console (HMC) in the System z environment. Through lecture and hands-on exercises, you learn setup and operating procedures for the HMC, gain in-depth problem determination skills, practice HMC operations, and utilize recovery capabilities provided by the System z servers.

Target Audience:

This course is for operations personnel and technical staff who are directly involved in the installation, operation, systems support, and software support of their System z mainframe environment.

Objectives:

- Identify the zEnterprise 196, System z10, System z9, and zSeries servers
- Describe the major differences of the function and features between the System z servers
- Identify and explain the concept of logical partitioning, initialization, and the operational usage of the various types of channels on current servers
- Describe the functions provided by the HMC and SE
- User interface styles, local and remote connectivity
- Identify HMC home page to log on HMC application
- Use the classic UI to:
 - Log on and log off
 - Open objects
- Navigate the HMC workplace using various selection techniques
- Exit a task on a window
- View the online books and use the Help functions
- Identify the different types of groups
 - CPC group, control hardware
 - Images group, control operating system
 - Build new CPC and images groups
- Identify the contents of the Details window and determine object status
- Identify the various task lists
- Use the tree UI to:
 - Log on and log off
 - View the online books and use the Help functions
 - Identify the different types of groups
 - CPC group, control hardware
 - Images group, control operating system
 - Build new CPC and images groups
 - Identify the contents of the Details window and determine object status
 - Identify the various task lists
 - Use the tree UI to:
 - Log on and log off

- Open objects
- Navigate the HMC workplace using various selection techniques
- Exit a task on a panel
- Navigate using classic or tree UI to Identify CP, channel, and CHPID status for the physical CPC and all LPs
- Identify the entry point for I/O and Channel Problem Determination panels
- Log off from a CPC session

Prerequisites:

You should have an understanding of:

- Basic data processing and I/O concepts and terminology
- z/OS console operation, including display of device, job, and console status

Content:

Day 1

- Welcome
- Unit 1: IBM mainframe server hardware overview
- Unit 2: Using the HMC Classic style user interface
- Unit 3: Using the HMC Tree style user interface
- Unit 4: Using the HMC to monitor System z servers
- Supporting labs

Day 2

- Review
- Unit 5: Activation profiles and operational tasks
- Unit 6: Single Object Operations: CPC session
- Supporting labs

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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