IBM SYSTEM Z HARDWARE MANAGEMENT CONSOLE (HMC) OPERATIONS

Course Code: 0831

Learn navigation, operation, and recovery techniques for the Hardware Management Console (HMC).

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.

What You'll Learn

- Identify the zEnterprise 196, System z10, System z9, 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

- Open objects
- Navigate the HMC workplace using various selection techniques
- Exit a task on a panel
- 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
- Identify recent HMC Tree style enhancements
- Monitor all defined CPCs
- Determine the cause of exceptions
- Use the Hardware Messages task
- Use the Operating Systems Messages task
- Use ACSADMIN tasks
- Describe the purpose, functions and use of the different types of activation profiles
- Use the HMC to build and assign profiles
- Provide operational recommendations for HMC user settings
- Use the HMC to perform operational tasks and problem determination
- Invoke the system activity display and describe its purpose
- Establish an HMC/SE session using the Single Object Operations task
- Identify the difference between the HMC and SE workplace
- 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

Who Needs to Attend

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

Prerequisites

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

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VIRTUAL CLASSROOM LIVE	$1,900 USD	2 Day

Virtual Classroom Live Outline

Day 1

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

Day 2

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

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