

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
-
- 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
-

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- CPC group, control hardware
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- Build new CPC and images groups
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- 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
-
- 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

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

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Day 2

■ Review

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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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