IBM System z Hardware Management Console (HMC) Operations

Duración: 2 Días   Código del Curso: ES24G

Temario:

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.

Learning Journeys or Training Paths that reference this course: z/OS System Engineer Workload Managementz/OS Systems Operator - Operation of a Parallel Sysplexz/OS Systems Engineerz/OS Systems Operatorz/OS Systems Operator - HMC Skillsz/OS Securityz/OS Installation, Tuning, JES, and REXX Programming and Problem Diagnosis

Dirigido a:

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.

Objetivos:

- Identify the zEnterprise 196 and 114, System z10, System z9, and zSeries servers

- Describe the major differences of the function and features between the System z servers

- Describe and explain the concept of logical partitioning

- Identify how various resources are assigned to LPARs during initialization

- 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

- Build new CPC and images groups

- Identify the contents of the Details window and determine object status

- Identify the various task lists

- Describe how exceptions are reported and presented on the HMC using the tree or classic UI

- Use the HMC to determine the type and cause of the exception

- Describe the three types of hardware messages that can surface on the HMC

- Use the HMC to determine the cause of the hardware message

- Retrieve the hardware messages from the log

- Use the HMC Operating System Messages task to display and send messages to the operating system

- Describe the functions that require the use of the access administrator ID

- Use the HMC to perform access administrator related tasks

- Describe the purpose, functions, and use of the different types of activation profiles

- Reset profile

- Image profile

- Group profile

- Load profile

- 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

- Use the HMC to build new profiles, modify, view, or delete existing ones

- Use the HMC to determine or change profile assignments Provide operational recommendations for HMC user settings

- Use the HMC to perform

- A manual load operation

- A system reset

- Problem determination for a load failure

- 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

Prerequisitos:

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

Contenido:

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

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Day 2

- Review

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Más información:

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