

HP 教育訓練中心課程簡介

HP Integrity Server Blades Administration (HC590S)



本課程介紹如何運用 HP-UX 管理 HP Integrity BladeSystem 伺服器。內容包括介紹系統管理元件、BladeSystem 機箱、BladeServer 機型、BladeStorage 機型、互連模組 (Interconnect modules)、HP Onboard Administrator、HP Virtual Connect 與網路儲存解決方案。課程著重在使用 HP Systems Insight Manager 的 HP BladeSystem c-Class 伺服器管理作業上。

適合對象

- Experienced software administrators responsible for managing and monitoring HP BladeSystem with Integrity c-Class blade servers

先修課程

- Operating system administration experience. hc590s topics are not focused on any specific operating system, although Operating system examples in this course are HP-UX 11i

Course title: HP Integrity Server Blades Administration

HP product number: HC590S

Category/Subcategory: HP-UX / UNIX

Course length: 3 days

Level: Intermediate

To order: To review course schedules and to register for a course, visit www.hp.com.tw/education

課程目標

- Configure a c-Class BladeSystem based on the functionality of available components
- Access administrative features of the Integrity integrated Lights Out (iLO) 2 and 3 on Integrity pre-i2 and i2 server blades
- Configure and display enclosure-level parameters and operational status of the HP BladeSystem through the Onboard Administrator web-based and command line interfaces
- Use the Extensible Firmware Interface (EFI) and Unified Extensible Firmware Interface (UEFI) boot interfaces
- Display c-Class BladeSystem component configuration and status with HP SIM

課程效益

- Gain the knowledge to perform successful site planning and infrastructure design needed to deploy an HP BladeSystem solution
- Gain the skills to perform effective local and remote administration using HP Onboard Administrator
- Gain experience using the management tools for an HP BladeSystem Integrity server configuration

進階課程

- HP BladeSystem Virtual Connect (hk758s)
- HP Systems Insight Manager (hk712s HP-UX or he644s Windows)
- HP Integrity Virtual Machines (hb506s) Administration
- HP Global Workload Manager and Capacity Advisor (hf869s)

課程大綱

Introduction to HP c-Class BladeSystems

- Identify the features and components of an HP c-Class Integrity BladeSystem
- Locate blades, interconnects, fans and power supplies by bay number
- Use HP-UX administration commands to identify hardware-specific information
- Use System Management Homepage to identify blade-specific configuration and status
- Access online sites for additional BladeSystem tools and information

Using the HP Integrity BladeSystem Onboard Administrator

- Use the Insight Display for basic enclosure monitoring and troubleshooting
- Configure the Onboard Administrator (OA) from the Insight Display
- Access the OA from a web browser
- Exercise the features of the OA as an operator
- Identify OA features only available to the administrator

Using the HP Integrity EFI and UEFI

- Describe the major components of the Integrity firmware boot architecture
- Identify the sections/partitions of an Integrity boot disk
- Follow the integrity boot process from the Virtual Front Panel of the MP
- Configure the EFI boot manager menu
- Display mapped media
- Differentiate between bootable sections and other disk sections
- Traverse the EFI directory trees
- Select and configure the console
- Invoke and interact with a boot loader

c-Class BladeSystem Interconnects and Virtual Connect

- Explain the functions of different types of interconnect modules in an Integrity BladeSystem
- Correlate Integrity server blade embedded and mezzanine ports to specific interconnect ports
- Display port mapping between server blade ports and interconnect ports
- Explore the functionality of the Virtual Connect Manager

Using the BladeSystem Integrated Manager Plug-in for HP SIM

- Verify HP Systems Insight Manager software installation
- Perform initial database configuration

- Start, stop and verify run status of the HP SIM daemons
- Configure basic SSL and SSH security for HP SIM
- Access HP SIM from a web browser
- Use the BladeSystem Integrated Manager plug-in to display status and configuration information about Integrity BladeSystem enclosures, blades and interconnects

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ver d.00, May 2011

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