



- Identify the storage management components of HP SIM
- List the HP SIM database management tasks
- Describe the components and use the management information base (MIB) importing and compiling tools in HP SIM
- Explain the purpose of the Web-based Enterprise Management (WBEM) health polling plug-in
- Describe the function of the HP analysis tools
- Describe the basics of troubleshooting Insight Management

- 獲得成功規劃和部署企業層級 HP Insight Control 設定的相關知識
- 透過實作練習，除熟悉工具和介面外，還有施行的高效率日常管理程序

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- Recognized as an IDC MarketScape leader for IT education (IDC MarketScape: Worldwide IT Education and Training 2012 Vendor Analysis, doc #232870, February 2012)
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- HP Insight Control: Management Master (HK757S)
- Virtualization training
- HP BladeSystem Administration (HE646S)
- HP CloudSystem Matrix: Administration (HK920S)

### Module 1: Tour the Product

- List the HP Insight Management 7.3 component updates
- Identify the new features that are included with HP Insight Control 7.3
  - o Describe how features of the product can be used to manage systems
- Explain how HP SIM can be used to manage a system
- Describe the features and functions of HP OneView

### Lab 1: Navigating the Environment

- Navigate the HP Virtual Lab (HPVL) environment
- Perform initial configuration steps

### Module 2: Systems Management Review

- Define systems management and list its essential elements
- Describe the tools that HP provides to facilitate systems management functions
  - o iLO
  - o SmartStart
  - o Service Pack for ProLiant
  - o HP SUM
  - o Insight Management Agents
  - o Systems Management Homepage
  - o WBEM
  - o WMI
  - o Version Control

### Module 3: Version Control and Software Deployment

- Describe the features and functions of VCRM
- Describe the features and functions of VCA
- List the requirements for installing VCA
- Explain how VCA and VCRM are integrated with:
  - o HP SIM
  - o SMH

### Lab 2: Using the Version Control Repository

- Install and populate HP Version Control Repository Manager (VCRM) with Service Pack for ProLiant (SPP)
- Configure the Target Version Control Agent
- Manage the VCRM repository

### Module 4: Typical Installation

- List the installation activities
- Locate the steps for installing HP Insight Control on a Central Management Server (CMS)
- Explain when the WMI mapper is needed and how to configure it
- Describe how to upgrade a previous installation of HP Systems Insight Manager
- List the steps to remove an HP SIM installation

### Module 5: Setup and Configuration

- Configure Insight Management by using HP Systems Insight Manager (HP SIM)
- Set global protocols to configure default, system-wide protocol settings
- Manage multiple systems and events

### Lab 3: Configuring Insight Control

- Access HP Insight Control
- Run the First Time Wizard
- Create Insight Control discovery tasks

- Run discovery from Insight Control
- Navigate Insight Control
- Configure Insight Control system links
- Create HP Systems Insight Manager (HP SIM) users
- Configure automatic discovery settings
- View hardware status polling
- Create toolboxes
- Create authorizations
- Deploy a support pack with a task
- Install Secure Shell (SSH) on the target server
- Use the HP Managed System Setup Wizard

#### **Module 6: HP BladeSystem Integrated Manager**

- Provide an overview of HP BladeSystem Integrated Manager
- List the views in BladeSystem Integrated Manager

#### **Lab 4: BladeSystem Integrated Manager**

- Explore HP BladeSystem Integrated Manager
- Create a customized BladeSystem collection
- Configure Single-Sign On (SSO) for Onboard administrator (OA) modules

#### **Module 7: Using Tasks, Collections, Tools and Events**

- Explain how tasks can be used to manage a remote system
- Explain how collections can be used to filter and organize systems
- Describe how tools are created and launched
- Identify how events are generated and managed

#### **Lab 5: Using Tasks, Collections, Tools and Events**

- Create personal folders and collections
- View HP Insight Control events
- Configure automatic event handling
- Use the Configure or Repair Agents task
- Use the Replicate Agent Settings task

#### **Module 8: Reports**

- Describe the process for accessing reports
- Describe processes for managing reports
- Identify enhanced reporting capabilities

#### **Module 9: Audit Log**

- Describe the audit logging feature
- Access the audit log
- Manage the audit log
- List support resources

#### **Lab 6: Using Reports and Audit Logs**

- Run available reports in HP Insight Control
- Create new reports
- Run enhanced reports

- Compare the snapshots of managed systems
- Run Audit Log reports

#### **Module 10: Use and Managing Storage Components**

- Identify the storage management components of HP SIM
- Describe the information that is available using System pages
- Identify the collections that are available for organizing storage
- Understand the reporting functionality of storage components
- Identify the steps necessary for device discovery

#### **Module 11: Database and MIBs**

- List the HP SIM database management tasks
- Define the capabilities of the System Type Manager (STM)
- Describe the components and of use the management information bases (MIB) importing and compiling tools in HP SIM

#### **Lab 7: Managing the Database**

- Manage system types
- Use the GUI to configure HP Insight Control to identify third-party devices
- Configure Simple Network Management Protocol (SNMP) trap settings
- Use the CLI to upload and register a Management Information Base (MIB)
- Use the MIB updater to import updated MIBs to the central management server (CMS)
- Back up the Microsoft SQL Express database
- Restore a database

#### **Module 12: HP Analysis Tools**

- Explain the purpose of the Web-based Enterprise Management (WBEM) health polling plug-in
- Describe the function of each of the HP analysis tools
- Describe the integration of the HP analysis tools with HP SIM

#### **Module 13: Troubleshooting**

- Describe the basics of troubleshooting
- Identify solutions for many common HP SIM problems

#### **Appendix A: Introducing ProLiant Gen8 Servers**

##### **Lab - Appendix A: Troubleshooting (if time permits)**

Troubleshoot:

- The HP SIM CMS
  - o Security popups
  - o Unknown devices
  - o Trap reception
- Use Mail Exchanger (MX) commands to troubleshoot HP SIM and managed systems
- Use the verbose mode to troubleshoot Secure Shell (SSH) connections

### **Lab - Appendix B: Installing HP Insight Control (if time permits)**

- Run the Insight Management Advisor and resolve any issues discovered
- Install HP Insight Control suite
- Configure an HP System Insight Manager (HP SIM) initial setup

### **更多訊息**

歡迎上網查詢HP教育訓練中心  
所有課程相關訊息及活動請造訪：  
<http://www.hp.com.tw/education>

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