

# HP Education Services

HP Systems Insight Manager on HP-UX (HK712S)



This course covers the installation, configuration and use of HP Systems Insight Manager (SIM) on an HP-UX Central Management Server. HP SIM provides the management features of device discovery and identification, single event view, inventory data collection and reporting. This course focuses on the HP-UX environment and is 60% lecture and 40% hands-on labs using HP servers.

## Audience

- This course is targeted for customers using HP Systems Insight Manager to manage Integrity servers and blades.

## Prerequisites

- Experience in HP-UX administration
- Familiarity with network concepts and configuration

## Course objective

- Describe the components and tools of HP SIM
- Install and configure HP SIM on HP-UX
- Discover and monitor managed systems
- Manage tasks and user authorization
- Manage the HP SIM server and create reports
- Troubleshoot HP SIM
- Monitor power utilization

## Benefits to you

- Monitor and manage multiple systems from a single location and improve the utilization of your server environment by knowing how to quickly move computer power where it is needed
- Learn how to automate events and tasks to reduce manual processes and free resources for innovation

**Course title:** HP Systems Insight Manager on HP-UX

**HP product number:** HK712S

**Category/Subcategory:** HP-UX / UNIX

**Course length:** 4 days

**Level:** Intermediate

**Delivery language:** English

**To order:** To review course schedules and to register for a course, visit [www.hp.com/learn/unix](http://www.hp.com/learn/unix) and select your country from the drop down menu, or, contact your HP sales representative or HP authorized channel partner.

- Create consistent reports on managed systems to enable faster and more efficient decisions

## Why education services from HP?

- Focus on job-specific skills
- Hands-on practice
- Experienced and best-in-the-field HP instructors
- Comprehensive student materials
- More than 80 training locations worldwide
- Customized on-site delivery

## Next steps

- HP-UX Virtualization Tools Boot Camp (HF869S)
- HP Integrity Server Blade Administration (HC590S)

## Detailed course outline

### Touring HP SIM

- Overview
- Plug-in Applications
- HP SIM Ecosystem
- Security
- System and Agent-Generated Events
- HP SIM Management Components

### Software Installation and Initialization

- Installation Activities - CMS
- HP SIM Sizer
- Installing & Verifying HP SIM on HP-UX
- Logging into HP SIM
- First Time Wizard
- The Managed System Setup Utility
- Licensing Managed Nodes in the VSE

### Navigating and Configuring the HP SIM

#### Web-based Interface

- HP SIM Login Page
- Customizing the HP SIM Home Page
- HP SIM System Collections
- HP SIM Event Collections and Monitoring
- HP SIM Administrator's Menus

#### Tasks and Tools with User Authorization

- Tasks
- Toolboxes and Tools
- Users and Authorizations
- Custom Tools

#### HP SIM Reports

- Managing Reports
- Targets and Filters
- Enhanced Reports

#### Customizing Discovery and Identification

- Global and System Credentials
- Discovery and Identification
- Disabling/Enabling System Monitoring

## Viewing and Interpreting Audit, Task and Activity

### Logs

- Audit Logging
- Task Logs
- Other Related Log Files

### Power Utilization with Insight Power Manager

- Benefits and Features of Insight Power Manager
- Data Center Power Control Rules
- Accessing IPM from HP SIM
- Configuring Power Alerts
- Generating Power Reports

### Using HP SIM Advanced Features

- System Type Manager
- Adding SNMP MIBs to HP SIM
- Automatic Event Handling
- SIM Database Initialization, Backup and Restore

### Using the HP SIM Virtualization Manager

- Virtualization Manager vs Virtual Machines Manager
- Resource Utilization Profile Viewer
- Utilization Meter Callout
- Information Callout
- Other Features accessible from the Virtualization Manager

### Troubleshooting Basics in the VSE

- Configuration Issues
- Managed Node Configuration Issues
- HP SIM Protocols
- HP SIM Security
- HP SIM Communications
- HP SIM License Management
- HP SIM Agent Control
- HP SIM Managed System Setup Wizard

### HP SIM Command Line User Interface

- Command Line Interface
- Examples

## HP SIM Additional Features

- BladeSystem Manager
- Bastille
- Software Distributor
- Ignite UX
- Software Assistant

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