

Using NonStop Essentials with HP Systems Insight Manager HH675S

This course prepares you to work with operational tools within the HP Systems Insight Manager (HPSIM). You will be introduced to NonStop Cluster Essentials, I/O Essentials, Software Essentials and Performance Essentials. Topics include: cluster configuration/management, account creation/management, health summaries, managing tasks their categories, event viewer, running scripts, installing components, alert notifications, agent configuration, security management, remote workstations, and inventory reports. This 3-day course is 70 percent lecture and 30 percent hands-on labs using HP servers.

Using NonStop Essentials with HP Systems Insight Manager

Price USD \$2,400

Links to local schedules, pricing and registration [US/Canada](#)
[Mexico/Latin America](#)
[Brazil](#)

HP course # HH675S

Category NonStop

Duration 3 days

Audience

- Systems operators
- Systems administrators
- System analysts
- Technical support analysts
- Personnel involved with day-to-day management of HP Integrity NonStop NS-series servers

Prerequisites

- HP NonStop NS-series Server Administration I (U8528S) or HP NonStop NB-series Server Administration I
- At least six months experience operating Integrity NonStop servers

Course objectives

At the conclusion of this course you should be able to:

- Install, configure and operate the HP Systems Insight Manager (HPSIM) suite and all its component products: NonStop Cluster Essentials, NonStop I/O Essentials, NonStop Performance Essentials, Software Essentials
- Describe additional plugins for NonStop systems:
 - Storage Essentials
 - Remote Support Advanced

Benefits to you

- Learn how to manage the HP Systems Insight Manager (HPSIM) application so users experience smooth functioning IT operations
- Gain the knowledge needed to use the tools necessary to optimize your HP NonStop cluster environment and resolve performance issues
- Gain valuable hands-on experience to quickly setup a HP NonStop cluster environment

Course outline

Module 1 - Introduction and First Steps with HPSIM

- NonStop Manageability Strategy
- Next Generation Data Center Vision
- Unified Infrastructure Management
- HP Systems Insight Manager (SIM) components essentials
- HP Storage Essentials
- HP Insight Remote Supported Advanced (RSA)
- Recommended configuration
- Architecture
- Discovering NonStop Systems
- First Time Wizard

Module 2 - NonStop Cluster Essentials

- Installing client and server components
- Configuration Management Application
- Cluster and Server discovery and configuration
- Account management

Module 3 - Common Operations

- Cluster health
- Cluster management tasks
- Adding new tasks
- Task execution, management, specifications and parameters
- Event Viewer
- Coldloading and booting parameters

Module 4 - I/O Essentials

- Installing client and server components
- Task list
- Task status and information
- Category management

Module 5 - Performance Essentials

- Installing client and server components
- Performance monitoring
- Configuration management
- Thresholds and alert notifications
- Agent configuration
- EMS Templates

Module 6 - NonStop Software Essentials

- Installing client and server components
- Software archive and packages
- Software configuration revisions
- Receiving and installing software
- Building and applying
- Predefined reports

Module 7 - Security

- Managing User ID's and Groups
- Toolboxes
- Creating and assigning authorizations
- Authorization results

Module 8 - Additional Operations

- Homepage customization
- Quick Launch feature and menu structure
- Software Versions
- Remote Workstation
- Inventory taking and reports
- Custom reports

Module 9 - Related Products

- Time Synchronization
- Client and Server Mode Features
- Recommended Configuration
- Configuring NonStop as TimeSync Client
- Time Source
- HP Insight Remote Support Advanced (RSA)
- Availability Stats and Performance

Module 10 - Troubleshooting

- Tracing and log files
- Items to check
- Known limitations
- Workarounds

Onsite Delivery Equipment Requirements

- One dedicated NonStop NS-Series server with a minimum of:
 - NonStop Kernel operating system, version H06.04 or later and J06.03 or later with corresponding NonStop Essentials host licenses
 - Six disk volumes in addition to the system disk
 - 96 MB memory per CPU
 - Ethernet connectivity
 - TCP/IP software package (SD20)
- One PC per student and one PC for the instructor with projection capabilities

Learn more at

hpe.com/us/training/nonstop