



HPE NonStop Server Adminstration III H1SC5S

This HPE NonStop Administration course completes the trilogy to make you familiar with administering an HPE NonStop System. In this 5 day class we discuss how to start up, configure, manage, and shut down your NonStop server and its subsystems. This includes changing system configuration with recovery to a previous setup, if necessary.

The management of the HPE NonStop server current performance and planning for future growth is discussed. The course is 70% lecture and 30% hands on labs using HPE servers.

HPE NonStop Server Administration III

Price USD \$4,000

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

HP course # H1SC5S

Category NonStop

Duration 5 days

Audience

- System Operators, System Administrators, Systems Analysts, Technical Support Analysts

Prerequisites

Before attending this course, students must have:

- NonStop Server Administration II or equivalent course

Course objectives

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

- Understand the NonStop server hardware and software architecture
- Start up, configure, manage, and shut down your NonStop server and its subsystems
- Change system configuration and recover to a previous setup
- Manage the Integrity NonStop server performance with planning for future growth

Course outline

Module 1 - Course Overview

Module 2 – Server Management Functions

- Good Server Management
- The Characteristics of your environment
- Introduction to System Management on HP NonStop systems

Module 3 – NonStop Operating System Configuration

- NonStop Operating System and DSM/SCM
- System Shutdown and Cold Load procedures (CIIN Startup)
- Firmware Updates
- Kernel Managed Swap File
- TFDS
- Independent products

• Module 4 – Managing Processes

- EMS Subsystem Review
- Process Creation and Characteristics
- OLTP Characteristics
- Managing Processes
- Persistent Processes

Module 5 – Managing NonStop Subsystems

- Major Management/Control Area
- Netbatch
- Spooler
- Safeguard
- The OLTP Environment
- Nonstop TMF Management and Planning

Module 6 – Managing Storage

- Storage Clim Overview
- SAS Hard Disk Drives
- Lun Manager
- Write Cache Enable
- Storage Configurations + Pools
- Managing Disk Partitions
- Managing Data Encryption
- Managing Disk Drives
- Tapes and Mediacom
- Remote Database Facility (RDF)

Module 7 – Managing Cluster IO Modules (CLIMS)

- Naming convention
- Add/Start CLIM
- Info/Status CLIM
- Linux Events
- Using CLIMCMD
- CLIM backup and restore
- Firmware update

Module 8 Configuring Network CLIMS

- Describe the network layout
- Perform the initial system configuration
- Describe the CIP configuration
- Define the network configuration
- Determine the application configuration
- Verify the configuration
- Save the configuration

Module 9 Database Management

- SQL/MP and SQL/MX Management

Module 10 Performance and Capacity Management

- Monitoring the system with Measure
- Tandem Capacity Model

Module 11 – System Recovery Scenario

- Review possible critical failure scenarios
- Discuss possible backup and prevention measures
- Discuss possible recovery scenarios

Learn more at

hpe.com/us/training/nonstop