



HPE NonStop Server Administration II H1SC4S

This HPE NonStop Administration course is the second of three courses to make you familiar with administering an HPE NonStop System. In this 5 day class we build on the basic skills acquired in the first class, giving a more detailed knowledge of monitoring the system, with a strong emphasis on problem recognition, reporting and resolution, including escalation where necessary. The course is 60% lecture and 40% hands on labs using HPE servers.

HPE NonStop Server Administration II

Price USD \$4,000

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

HP course # H1SC4S

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 I or at least 9 months of NonStop administration experience

Course objectives

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

- Provide an overview of the NonStop series server.
- Describe computing environments and operator tasks
- Provide an overview of OSM, TACL, and SCF.
- Demonstrate the use of TACL, FUP, and SCF commands
- Describe how to view, modify, and correct security, disks, tapes, processes, and application related problems.
- Demonstrate how to view, modify, and correct system spooler and print job problems.
- Describe how to view, modify, and correct communications subsystems related problems.
- Strong emphasis on problem recognition, reporting and resolution, including escalation where necessary.

Course outline

Module 1 - Course Overview

Module 2 – Computing Environments and Operator Tasks

- Basic Data Processing
- Integrity NonStop Server Operations
- Problem Solving and Problem Prevention

Module 3 – Operator Tools

- O.S.M.
- Monitoring Enclosures, Hardware, and Software
- Event Management System
- Viewpoint
- Webviewpoint
- Monitoring Processors
- Peek
- Viewsys
- Processor Dump and Recovery

Module 4 – Monitoring Processes

- Processes Background
- Common Process Problems

Module 5– Monitoring Security

- Managing NonStop Operating System Security
- Security Auditing

Module 6 – Monitoring Databases

- The Guardian – Enscribe File System
- NonStop SQL/MP database
- Handling Files
- Common File Problems
- The OSS File System
- NonStop SQL/MX database

Module 7 – Monitoring Storage

- Introduction to the CLIM Storage Subsystem
- Introduction to the Legacy Storage Subsystem
- SCF CLIM Disk Drive Actions
- Checking Disk Drive Actions
- DSAP/DCOM
- Tape and Tape Drives
- Backup and Restore Operations
- Backup and Restore Operations for OSS and NonStop SQL/MX
- Labelled-Tape Operations Using MEDIACOM
- Common Tape Problems

Module 8 – Monitoring Applications

- The Requester Server Model
- The Client Server Approach
- Client Server Monitoring
- Pathway Configuration and Monitoring

Module 9 – Monitoring the TMF subsystem

- TMFCOM
- Tape labelling for TMF
- Audit trail backup
- Database backup
- Audittrail rollover
- Overview of database recovery procedure

Module 10 - Monitoring Spooler

- Common Spooler and Printer Problems

Module 11 – Monitoring NonStop Communication Subsystems

- Networking Cluster I/O Module (CLIM)
- TCP/IPv6 support
- VIO and G16SE
- IOAME and Network Legacy Connections
- Servernet Clusters
- Common Problems

Learn more at

hpe.com/us/training/nonstop