



HPE NonStop Server Administration II H1SC4S

HPE course number	H1SC4S
Course length	5 Days
Delivery mode	ILT, VILT
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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.

Why HPE Education Services?

- IDC MarketScape leader 5 years running for IT education and training*
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Audience

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

- Demonstrate the use of ACL, FUP, and SCF commands
- Understand the use of the StoreEasy Management Tools

Prerequisites

Before attending this course, students must have:

- NonStop Server Administration I or at least 9 months of NonStop administration experience

- 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.

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, ACL, and SCF.

- Strong emphasis on problem recognition, reporting and resolution, including escalation where necessary.

*Realize Technology Value with Training, IDC Infographic 2037, Sponsored by HPE, October 2017

Detailed course outline

Module 1: Course Overview		
Module 2: Computing Environments and Operator Tasks	<ul style="list-style-type: none"> • Basic Data Processing • Integrity NonStop Server Operations 	<ul style="list-style-type: none"> • Problem Solving and Problem Prevention
Module 3: Operator Tools	<ul style="list-style-type: none"> • O.S.M. • Monitoring Enclosures, Hardware, and Software • Event Management System • Viewpoint • Webviewpoint 	<ul style="list-style-type: none"> • Monitoring Processors • Peek • Viewsys • Processor Dump and Recovery
Module 4: Monitoring Processes	<ul style="list-style-type: none"> • Processes Background 	<ul style="list-style-type: none"> • Common Process Problems
Module 5: Monitoring Security	<ul style="list-style-type: none"> • Managing NonStop Operating System Security 	<ul style="list-style-type: none"> • Security Auditing
Module 6: Monitoring Databases	<ul style="list-style-type: none"> • The Guardian – Enscribe File System • NonStop SQL/MP database • Handling Files 	<ul style="list-style-type: none"> • Common File Problems • The OSS File System • NonStop SQL/MX database
Module 7 : Monitoring Storage	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • The Requester Server Model • The Client Server Approach 	<ul style="list-style-type: none"> • Client Server Monitoring • Pathway Configuration and Monitoring
Module 9 : Monitoring the TMF subsystem	<ul style="list-style-type: none"> • TMFCOM Tape • Labelling for TMF • Audit trail backup 	<ul style="list-style-type: none"> • Database backup • Audittrail rollover • Overview of database recovery procedure
Module 10 : Monitoring Spooler	<ul style="list-style-type: none"> • Common Spooler and Printer Problems 	
Module 11 : Monitoring NonStop Communication Subsystems	<ul style="list-style-type: none"> • Networking Cluster I/O Module (CLIM) • TCP/IPv6 support • VIO and G16SE 	<ul style="list-style-type: none"> • IOAME and Network Legacy Connections • Servernet Clusters • Common Problems

Learn more at

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