

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.

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H1SC4S

5 Days

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Why HPE Education Services?

HPE course number

Course length

Delivery mode

- IDC MarketScape leader 5 years running for IT education and training*
- Recognized by IDC for leading with global coverage, unmatched technical expertise, and targeted education consulting services*
- Key partnerships with industry leaders
 OpenStack®, VMware®, Linux®, Microsoft®,
 ITIL, PMI, CSA, and SUSE
- Complete continuum of training delivery options—self-paced eLearning, custom education consulting, traditional classroom, video on-demand instruction, live virtual instructor-led with hands-on lab, dedicated onsite training
- Simplified purchase option with HPE Training Credits

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
- Understand the use of the StoreEasy Management Tools
- 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.

Audience

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

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Detailed course outline

Module 1: Course Overview		
Module 2: Computing Environments and Operator Tasks	Basic Data Processing	Proble Solving and Problem Prevention
	Integrity NonStop Server Operations	
Module 3: Operator Tools	• O.S.M.	Monitoring Processors
	Monitoring Enclosures, Hardware, and Software	• Peek
	Event Management System	• Viewsys
	• Viewpoint	Processor Dump and Recovery
	Webviewpoint	
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	Common File Problems
	NonStop SQL/MP database	The OSS File System
	Handling Files	NonStop SQL/MX database
Module 7 : Monitoring Storage	Introduction to the CLIM Storage Subsystem	Backup and Restore Operations
	Introduction to the Legacy Storage Subsystem	 Backup and Restore Operations for OSS and NonStop SQL/MX
	SCF CLIM Disk Drive Actions	Labelled- Tape Operations Using MEDIACOM
	Checking Disk Drive Actions	Common Tape Problems
	DSAP/ DCOM	
	Tape and Tape Drives	
Module 8 : Monitoring Applications	The Requester Server Model	Client Server Monitoring
	The Client Server Approach	Pathway Configuration and Monitoring
Module 9: Monitoring the TMF subsystem	TMFCOM Tape	Database backup
	labelling for TMF	Audittrail rollover
	Audit trail backup	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)	IOAME and Network Legacy Connections
	TCP/ IPv6 support	Servernet Clusters
	VIO and G16SE	Common Problems

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Learn more at

hpe.com/ww/learnnonstop

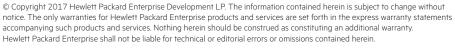
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