Hewlett Packard Enterprise

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 course number	H1SC4S
Course length	5 Days
Delivery mode	ILT, VILT
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Why HPE Education Services?

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

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- Simplified purchase option with HPE Training Credits

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

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

- 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.

Detailed course outline

Module 1: Course Overview		
Module 2: Computing Environments and Operator Tasks	• Basic Data Processing • Integrity NonStop Server Operations	• Proble 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/ww/learnnonstop

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