

HPE NonStop Server Administration I H1SC3S

HPE course number	H1SC3S
Course length	5 days
Delivery mode	ILT/VILT
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This HPE NonStop Administration course is the first of three courses to make you familiar with administering an HPE NonStop System. In this 5 days' introduction course you be exposed to architecture and common NonStop tools as TACL, SCF, SCF, OSM and PERUSE/SPOOLCOM. Additionally, an introduction will be given about the Filesystem, PathWay and LANs/WANs. The course is not focused on any specific HPE NonStop System generation. The course is 70% lecture and 30% hands on labs using HPE servers.

Why HPE Education Services?

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Audience

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

Prerequisites

- Before attending this course the student doesn't need previous experience or prerequisites.

Course Objectives

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

- Be familiar with the Integrity NonStop server architecture.
- Describe computing environments and operator tasks
- Monitor your NonStop server and its subsystems
- Demonstrate the use of TACL, FUP, SCF and OSM to monitor the system
- Describe how to manage security, disks, tapes
- Demonstrate how to view, modify, and correct system spooler and print job problems

*Realize Technology Value with Training, IDC Infographic 2037, Sponsored by HPE, January 2016

Detailed Course Outline

Module 1 - Course Overview

Module 2 – Design Goals for HP NonStop Servers

Module 3 – HP NonStop Architecture

- NonStop System Hardware Architecture
 - NonStop System Kernel
 - Open System Services
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Module 4 – Operator Tools

- Introduction to TACL
 - File System Introduction
 - The TACL Environment
 - Working with Spooler Jobs (Peruse)
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Module 5 – NonStop Technical Library (NTL)

- NTL
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Module 6 – Managing Files

- File System Introduction
 - The File Utility Program (FUP)
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Module 7 – Managing Print Jobs

- Monitoring the Spooler
 - Managing Spooler Objects (SPOOLCOM)
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Module 8 – Monitoring Systems

- Open System Management (OSM) Overview
 - Monitoring Enclosures, Hardware, and Software
 - Event Management Service (EMS)
 - Monitoring Processors
 - The Subsystem Control Facility (SCF)
 - Monitoring Disks, Printers, Tape Drives, and Terminals
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Module 9 – Monitoring Applications

- The Pathway Application Environment
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Module 10 – Monitoring LANs and WANs

- IP CLIM
 - TCPIP
 - Expand
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Module 11 – Support and Information Services

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