



## HP Education Services

HP NonStop Platform Management - Intermediate (HK956S)

Acquire the skills to solve common HP NonStop™ series server problems easily in this 3-day course. You will be introduced to the new NonStop Advanced Architecture, basic software functionality, including Open System Management (OSM), HP Tandem Advanced Command Language (TACL), and Subsystem Control Facility (SCF) for system, disk, tape drive and communications subsystems. After completing this course you will be able to monitor your system, subsystems and applications running on it, change the state of basic system components, and learn to deal effectively with a wide range of common problems.

### Audience

- Customer support personnel
- HP Support personnel (GNSC)

### Prerequisites

- Concepts and Facilities for NonStop Systems (U4147S) and/or
- NonStop Common Platform Management Basics (HK955S)

### 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 applications 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.

<b>Course title:</b>	HP NonStop Platform Management - Intermediate
<b>HP product number:</b>	HK956S
<b>Category/Subcategory:</b>	NonStop / System Operations and Management
<b>Course length:</b>	3 days
<b>Level:</b>	Intermediate
<b>Delivery language:</b>	English
<b>To order:</b>	To review course schedules and to register for a course, visit <a href="http://www.hp.com/learn/nonstop">www.hp.com/learn/nonstop</a> and select your country from the drop down menu, or, contact your HP sales representative or HP authorized channel partner.

### Benefits to you

- Know how and when to use several system problem solving tools
- Understand systematic approaches to problem solving

- Know how identify and deal with operational problems involving processes, files, disks, tape drives, printers, communication subsystems, applications, CPUs, and the entire system

## Why education services from HP?

- Focus on job-specific skills
- Hands-on practice
- Experienced and best-in-the-field HP instructors
- Comprehensive student materials
- More than 80 training locations worldwide
- Customized on-site delivery
- Award-winning virtual rooms

## Detailed 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 – HP NonStop Architecture

- NonStop Server ServerNet System Area Network
- Introduction to the several NonStop Series Systems

#### Module 4 – Operator Tools

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

#### Module 5 – NonStop Technical Library (NTL)

- NTL

#### Module 6 – Monitoring Processes

- Processes Background
- Common Process Problems

#### Module 7 – Monitoring Security

- Managing NonStop Operating System Security

#### Module 8 – Monitoring Databases

- Handling Files
- Common File Problems

#### Module 9 – 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
- Labeled-Tape Operations Using MEDIACOM
- Common Tape Problems

#### Module 10 - Monitoring Spooler

- Common Spooler and Printer Problems

#### Module 11 – Monitoring NonStop Communication Subsystems

- Networking Cluster I/O Module (CLIM)
- IOAME and VIO Network Legacy Connections
- Common Problems — Legacy Connections

#### Onsite Delivery Equipment Requirements

- Physical access to one Nonstop NB series or NS-2xxx server for discovery labs
- Connectivity to one NonStop NB series or NS-2xxx server with super.group TAFL logons, a working Service Connection, and working Low Level Link connectivity with logon information
- One PC workstation per student with OutsideView, the latest NB series or NS-2xxx OSM software including the latest Low Level Link version installed
- One Instructor PC workstation with PowerPoint and OutsideView, the latest NB series or NS2xxx server OSM software including the latest Low Level Link version installed
- PC projector and suitable screen
- Internet access for classroom

## For more information

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