

HP Education Services

Open System Services (OSS) Advanced Commands and Utilities for NonStop Servers (U5517S)



This 2-day course focuses on OSS commands and utilities, with special emphasis on those that make it possible for OSS applications to take advantage of the very high levels of fault tolerance, and scalability offered by NonStop servers. Students will learn about the OSS shell (based on the Korn shell), the OSS file system, and interoperability between the OSS interface and the Guardian interface to the NonStop operating system.

Audience

- UNIX application designers and developers who are preparing to work in the OSS environment
- UNIX system administrators who will have responsibility for managing NonStop servers
- Experienced NonStop server application designers and programmers who are preparing to work in the OSS environment
- NonStop system managers with basic OSS knowledge who are interested in expanding their skills

Prerequisites

- OSS NonStop Server Fundamentals course (U5515S) or Concepts & Facilities course (U4147S) or equivalent experience with NonStop servers
- OSS Basic Commands/Utilities (U5516S) or working knowledge of basic UNIX commands & utilities

Course Objective

- Give students a hands-on feel of Open System Services (OSS) on HP NonStop servers, emphasizing the interoperability between the OSS and Guardian environments.



Why education services from HP?

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Course Title: Open System Services (OSS) Advanced Commands and Utilities for NonStop Servers

HP Product Number: U5517S

Category/Subcategory: NonStop/Application Design and Development

Course Length: 2 Days

Level: Intermediate

Delivery Language: English

To Order: You can order this course online at <http://www.hp.com/learn>. At the site, select a country, then choose "registration" or "Book a course" and fill out the online registration form.

Next Steps: Opens System Services (OSS) Application Development and Porting course (U5518S)

Detailed Course Outline

Module 1 Introduction to Open System Services

- The OSS Environment
- Advantages of OSS
- Interactions of OSS, Guardian, and the NonStop operating system

Module 2 The OSS Shell

- Terminal settings
- Configuring the OSS Service
- Shell variables
- Lab exercise: Managing your OSS environment

Module 3 The OSS Commands

- OSS commands using NonStop OS extensions
- Load balancing commands
- File compression
- Lab exercise: Using pax to archive and recover files; Process management commands

Module 4 The OSS File System

- OSS pathnames
- Using the gname/pname utilities
- File-sharing groups
- Lab exercise: File permissions

Module 5 OSS/Guardian Interoperability

- The OSH and gtac bridge utilities
- Interoperating commands
- Printing from the OSS environment
- Lab exercise: OSS-Guardian interoperability; Using the gtac utility; Using the ctocedit utility; Printing from the OSS environment

Module 6 Open Source Software

- Available open source software
- Extracting files
- Configuring man pages

Onsite-Delivery Equipment Requirements

- Access to a NonStop server with OSS installed
- OSS configured with sufficient logon IDs for students
- Individual PCs (Windows 95 or later) with network access and a TELNET type emulator

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