

Open System Services (OSS) Operations and Management for HPE NonStop Systems U4188S

HPE course number	U4188S
Course length	5 Days
Delivery mode	ILT, VILT
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This course introduces the foundation and basic skills necessary for system administrators to configure and manage the Open System Services (OSS) environment on all HPE NonStop platforms. The course is 70 percent lecture and 30 percent hands-on labs using HPE servers.

Audience

HPE NonStop System Administrators

Prerequisites

- Six months experience as a NonStop Administrator and
- OSS Advanced Commands and Utilities for NonStop Servers (U5517S) or six months UNIX experience and
- Experience with system management tools, such as FUP, SCF, and Safeguard

Course objectives

- Identify the components of the Open System Services (OSS) subsystem

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

- Configure the OSS subsystem and its components

- Identify steps to configure, install, mount, and delete a fileset
- Understand the OSS user requirements and how to create user identities
- Use and maintain OSS subsystem resources
- Understand post-installation tools and procedures

Benefits to you

- Become familiar with Open System Services (OSS) architecture, interfaces, and procedures
- Gain skills needed to optimize HPE NonStop systems so users experience smooth functioning IT operations
- Gain valuable hands-on experience managing an Open System Services (OSS) environment

Detailed Course Outline

Module 1 - Course Overview	<ul style="list-style-type: none"> • Course highlights 	<ul style="list-style-type: none"> • Course objectives
Module 2 - Open System Services (OSS) Overview	<ul style="list-style-type: none"> • Define the Open System Services (OSS) subsystem • Identify the components of the OSS environment • Define the OSS fileset 	<ul style="list-style-type: none"> • Review the Nonstop Operating System process components • Lab: OSS overview
Module 3 - Management Tools	<ul style="list-style-type: none"> • Identify the key tools needed to managed the OSS subsystem • Subsystem Control Facility (SCF) • Backup/Restore 2.0 • Pax • Tar and uncompress 	<ul style="list-style-type: none"> • Event Management Service (EMS) • SSH • VPROC • VERSIONS utility • Lab: Management Tools
Module 4 - Basic OSS Installation Overview	<ul style="list-style-type: none"> • Identify the steps used to install the OSS subsystem • Identify the steps used to start the OSS subsystem • Identify the utility used to remove the OSS subsystem 	<ul style="list-style-type: none"> • Identify the steps used to remove OSS subsystem • Lab: basic OSS installation
Module 5 - Configuring OSS	<ul style="list-style-type: none"> • Add users and user groups • Configure initial home directories • Configure user IDs and aliases • Configure file-sharing groups and members 	<ul style="list-style-type: none"> • Configure the OSS services • Configure network services • Configure periodic tasks • Lab: configuring OSS
Module 6 - Creating Filesets - Considerations	<ul style="list-style-type: none"> • Display fileset information • Identify creation pool volume list volumes for each fileset • Determine the number of filesets required 	<ul style="list-style-type: none"> • Determine the number of name servers required • Lab: configuring OSS filesets
Module 7 - Creating Filesets	<ul style="list-style-type: none"> • Describe a fileset's key attributes • Note how a fileset's mount point directory should be secured • Describe a fileset's AutoStart feature 	<ul style="list-style-type: none"> • Learn the steps involved in creating a fileset • Lab: creating OSS filesets
Module 8 - OSS Auditing	<ul style="list-style-type: none"> • Identify security considerations • Fileset auditing • File auditing • Access control lists (ACLs) • Restrict Privileged Access • Describe the Security Event-Exit Process (SEEP) feature • Module 9 - Catalog Maintenance 	<ul style="list-style-type: none"> • Check a catalog • Remove a catalog • Repair a catalog • Check a fileset • Repair a fileset • Lab: OSS catalog maintenance
Module 9 - Catalog Maintenance	<ul style="list-style-type: none"> • Catalog Volume Tool (CVT) • Checking and reloading catalog files • FSCK 	<ul style="list-style-type: none"> • Checking and repairing a fileset • Fileset capacity summary • Lab: OSS catalog maintenance

Module 10 - Configuring the OSS Printing Environment	<ul style="list-style-type: none"> Identify the OSS printing configuration Identify the OSS printing utilities 	<ul style="list-style-type: none"> Lab: configuring the OSS printer service
Module 11 - Configuring Reference Pages	<ul style="list-style-type: none"> Locate the reference page files Configure the reference page environment variable 	<ul style="list-style-type: none"> Configure the whatis database Lab: configuring reference pages
Module 12 - OSS NetBatch Jobs	<ul style="list-style-type: none"> Submitting OSS jobs with BATCHCOM How to handle exceptions 	<ul style="list-style-type: none"> Lab: Creating OSS Netbatch jobs
Module 13 - Configuring FTP, FLOSS AND SAMBA	<ul style="list-style-type: none"> Review FTP commands Configure the anonymous FTP user Install/configure FLOSS – Freeware Look for OSS 	<ul style="list-style-type: none"> Install/configure SAMBA – SMB Fileserver Lab: FLOSS and SAMBA
Module 14 - Post-Installation Topics	<ul style="list-style-type: none"> Identify commands to use for performance maintenance Identify commands used to find temporary files Identify commands used to defragment and free disk space 	<ul style="list-style-type: none"> Identify commands used in process management Identify commands used for managing shared resources Lab: maintenance topics

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