



HP-UX 11i v3 Features and Functions HE775S

This one-day seminar presents the major new features and functions of HP-UX 11i v3. It is designed for System and IT Managers familiar with HP-UX 11i and covers both HPE 9000 PA-RISC and HPE Integrity systems. Topics of discussion focus on new and enhanced security, networking, and administration features of HP-UX 11i v3. The seminar is 100 percent lecture and presentation.

HPE course number	HE775S
Course length	1 day
Delivery mode	ILT
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Why HPE Education Services?

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Audience

- HP-UX System Managers
- IT Managers

Note:

HE776S, HP-UX 11i v3 for Experienced HP-UX System Administrators, a 2-day course, is recommended for experienced system administrators who prefer hands-on time with 11i v3 as HE775S, a 1-day course, is a subset of HE776S.

Prerequisites

- Familiarity with HPE 9000 PA-RISC and HPE Integrity systems
- Understanding of HP-UX 11i v2 system administration concepts and tasks

Course objectives

- Identify HP-UX 11i v3 features designed to improve HP-UX server management, software security, and networking flexibility
- Locate and access HP-UX 11i v3 web-based reference documentation and hands-on training information

Benefits to you

- Correlate new, enhanced, and updated features of HP-UX 11i v3 with your data center needs
- Incorporate selected HP-UX 11i v3 features in your upgrade planning to enhance server management, software security, and networking capabilities

Detailed course outline

Module 1: Introduction to HP-UX 11i v3

- HP-UX 11i v3 improves performance, flexibility, and manageability
- Supported PA-RISC and Integrity servers
- Features unique to Integrity: hyper-threading, dynamic power savings and concurrent crash dumps
- New hardware addressing: agile view
- Automated optimization: LORA and Tune-N-Tools
- Administration interfaces: System Management Homepage
- Administration interfaces: HPE Systems Insight Manager
- Online training and documentation references

Module 2: HP-UX 11i v3 Security Features

- Install-Time Security (ITS)
- Activity auditing
- Identity Management Integration (IdM) and access authorization
- Software Assistant (SWA)
- Security containment
- Secure resource partitions
- Lockdown with Bastille
- Host intrusion detection
- IPFilter and IPSec
- Kerberos and PAM
- OpenPegasus
- Secure shell and OpenSSL
- Security administration tools

Module 3: HP-UX 11i v3 Networking Features

- IPv6 and DHCPv6
- Secure shell
- InfiniBand
- NFS and AutoFS
- Cache file system
- Directory services
- Web-Based Enterprise Management (WBEM) Services
- Network interface management
- ncweb as a TUI
- ncweb from system management homepage

Module 4: HP-UX 11i v3 Administration Features

- Release review
 - Distributed Systems Administration Utilities (DSAU)
 - Administration interfaces
 - Disabling swap
 - Dynamic kernel tuning features
 - HP-UX 11i v3 user administration features
 - User and group enhancements and tools
 - HP-UX 11i v3 I/O management features and tools
 - Dynamic resource reconfiguration
 - Mass storage device special files
 - File system features
 - LVM on HP-UX 11i v3
 - Disk and file system management with SMH
 - HP-UX 11i v3 disaster preparedness and recovery features
 - Dynamic Root Disk
 - HP-UX 11i v3 update and installation features
 - Ignite-UX
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Course data sheet

Next steps

- Consider attending the other courses in the HPE Virtual Server Environment (VSE) curriculum to learn more about HP-UX virtualization

Learn more at
hpe.com/ww/learnhpuxintegrity

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