



This 5-day course covers tasks to create new OpenVMS environment, which include the installation of the OpenVMS software and performing the post installation tasks such as registering licenses, configuring the network and cluster environment. It also covers installing layered products, setting up the security environment and customizing the system. Labs are provided to reinforce the topics covered in the lecture.

Audience

- OpenVMS System Managers

Prerequisites

- u3716s HP OpenVMS Fundamentals course
- u3724s HP OpenVMS System Management I: Essentials for Established Systems
- or equivalent knowledge.

Course Objective

- This goal of this course is to teach how to configure and manage an OpenVMS environment on Alpha and Integrity servers, configure it into a network and cluster environment and perform other post installation tasks to help student become proficient system managers. However, it is not a goal in this course to make students network managers.

Benefits to You

- This course covers tasks to create new OpenVMS Systems. These tasks include installing the OpenVMS and layered products software, setting up the security environment, and customizing the system. The course also covers post installation tasks, such as registering licenses and configuring the network and cluster environment. This course involves the students in relevant exercises that reinforce the lectures and gives students the application of the lectures so that they can install and configure a new OpenVMS installation.

Course Title: u3725s HP Open VMS System Management II: Installation, Configuration, and Customization

HP Product Number: u3725sc.00

Category/Subcategory: OpenVMS

Course Length: 5 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: u3726s Managing Complex HP OpenVMS Systems

Next Steps: u3727s HP OpenVMS System Performance Management

Next Steps: u3728s TCP/IP Services for HP OpenVMS

Detailed Course Outline

Installing and Updating OpenVMS

- OpenVMS packages
- Installation of OpenVMS
- Upgrading OpenVMS
- CD boot options

Licensing

- License Management
- License types
- Product Authorization Key (PAK)
- License Management utility (license command)
- VMSLICENSE.COM

Post Installation Duties

- In this module students will learn how to perform various post-installation tasks. The module addresses the following topics:
- Decompressing the Libraries
- Ensuring Procedures are executed at Startup
- System Startup Files
- SYSMAN Startup Database
- Adding User Accounts

Network Configuration

- Students will learn how to configure a system in a TCP/IP network. This module covers the following topics:
- HP TCP/IP Services for OpenVMS
- Configuration
- Enabling TELNET and FTP
- Application Usage
- Managing Nodes in the Network Database
- Creating and using Proxy Accounts

Customizing the System

- This module teaches students how to apply changes to the system to get better performance. The topics covered in this module are:
- SYSBOOT
- Changing system parameters using SYSGEN
- Changing system parameters using SYSMAN
- Changing system parameters using AUTOGEN
- Using the INSTALL utility to manage the known file database
- Setting up page, swap and system dump files

OpenVMS Cluster Concepts and Configuration

- This module covers the concepts of OpenVMS clusters and how to configure a cluster environment. This module covers the following topics:
- OpenVMS Cluster overview
- Cluster Authorization
- OpenVMS Cluster Processes
- Components of an OpenVMS Cluster System
- OpenVMS Cluster Software
- Cluster Interconnects
- Device Naming Conventions
- Satellite Nodes
- System File Sharing
- Configuring an OpenVMS Cluster System
- The Show Cluster Utility

OpenVMS Security

- In this module, students are taught the different aspects of security and how to implement different levels of security on their systems. This module addresses the following topics:
- User security
- Object security
- Network security
- Physical security

- Security auditing
- Intrusion and break-in detection

Managing OpenVMS Queues

- This module covers advanced queue management tasks. It addresses the following topics:
- The Job Controller
- The Queue Manager
- Creating DCPS Queues
- Working with Device Control Libraries
- Defining Forms

Students will learn how to install layered products. The module covers the following topics:

- Product Installation Guide and Release Notes
- Licenses for Layered Products
- Using VMSINSTAL
- POLYCENTER Software Installation (PCSI)
- Engineering Change Orders
- System Parameters
- DCL Tables

Getting System Information

- This module teaches students how to manage various system files and how to get information from these files. The following topics are covered:
- Error Log Facility
- Monitor Utility
- Operator Communications
- Accounting Utility
- SHOW command

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