



## HP Education Services

HP OpenVMS System Management II: Installation, Configuration, and Customization

This 5-day course covers tasks to create new OpenVMS environments, which include the installation of the OpenVMS software and performing the post installation tasks such as registering licenses and 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

This course is for system managers who need the skills to install and configure a new OpenVMS system or upgrade an existing system.

### 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 students become proficient system managers. However, it is not a goal in this course to make students network managers.

<b>Course title:</b>	HP OpenVMS System Management II: Installation, Configuration, and Customization
<b>HP product number:</b>	u3725s
<b>Category/Subcategory:</b>	OpenVMS
<b>Course length:</b>	5 days
<b>Level:</b>	Intermediate
<b>Delivery language:</b>	English
<b>To order:</b>	You can register your interest for this course online at <a href="http://www.hp.com.au/education">http://www.hp.com.au/education</a> .At the site, select the course under OpenVMS portfolio and you will see dates for the course. Register your interest for the date of your choice.

## 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.

## Next steps

- u3726s Managing Complex HP OpenVMS Systems
- u3727s HP OpenVMS System Performance Management
- u3728s TCP/IP Services for HP OpenVMS

## Detailed course outline

### Installing and Updating OpenVMS

- OpenVMS packages
- Installing OpenVMS overview
- Upgrading the firmware
- Installing the OpenVMS operating system
- Web interface to an Integrity
- Updating OpenVMS overview

### Licensing

- License management overview
- License types
- OpenVMS Integrity license packages
- Product Authorization Key (PAK)
- License management utility
- License example
- Determining license requirements
- VMSLICENSE.COM

### Creating Volumes

- Making volumes available
- Managing volume characteristics
- Using the DISMOUNT command
- On disk structure
- Creating shadow sets
- InfoServer

### Post Installation Duties

- Decompressing the Libraries
- Ensuring procedures execute at Startup
- Ensuring procedures execute at Shutdown

### Network Configuration

- LAN Control program
- Logical LAN
- HP TCP/IP Services for OpenVMS
- SSL

### Customizing the System

- System parameters
- Modifying system parameters
- The INSTALL utility
- Paging and swapping files
- System dump files

### OpenVMS Cluster Concepts and Configuration

- OpenVMS cluster overview
- Connection Manager
- Cluster device naming conventions
- Setting up cluster accessible devices
- Satellite Nodes
- Single vs. multiple system disks
- Configuring OpenVMS clusters
- Cluster over IP
- SHOW CLUSTER Utility

### OpenVMS Security

- Special account types
- Login security
- Object security
- Network security
- Physical security
- Security auditing
- Intrusion and break-in detection

### Backup Strategies

- Devising a backup and restore strategy
- Backup concepts
- Backup types
- Backup operations
- Backing up the system disk

- Backing up a shadow set
- Using backup to revert from ODS-5 to ODS-2

### **Layered Products**

- Product installation guide and release notes
- Licenses for layered products
- Locating the distribution kit
- VMSINSTAL
- POLYCENTER software installation (PCSI)
- Engineering Change Orders (ECOs)
- System interactions

### **For more information**

To locate contact information and to learn more about education services, please visit our web site at <http://www.hp.com.au/education>.

