



HP Education Services

HP OpenVMS Fundamentals

This five-day course teaches students how to use the OpenVMS operating system to create, manipulate, and manage files. It discusses how to tailor the user environment using logical names and DCL symbols. The course describes the command language interpreter and the command line interface. Students will be taught to develop basic command procedures and create a LOGIN.COM command file to tailor their login session.

Audience

- OpenVMS users and programmers
- OpenVMS system managers
- OpenVMS applications programmers
- DBAs with OpenVMS database applications

Prerequisites

Basic knowledge of computer use and terms

Course objective

To demonstrate a fundamental knowledge of the OpenVMS operating system, students should be able to:

- Describe the OpenVMS operating system environment and command language.
- Tailor the user environment using logical names and DCL symbols.
- Describe the DCL command language interpreter and use its command line interface.
- Develop basic command procedures.
- Create a LOGIN.COM command procedure to tailor your login session.

Benefits to you

Upon completing this course, students should be able to:

Course title:	HP OpenVMS Fundamentals
HP product number:	u3716s
Category/Subcategory:	OpenVMS
Course length:	5 days
Level:	Basic
Delivery language:	English
To order:	You can register your interest for this course online at http://www.hp.com.au/education . 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.

- Describe the OpenVMS history and supported computing environment.
- Log in to and log out of an OpenVMS system and change passwords.
- Create and navigate their basic working environment using DCL commands.
- Describe OpenVMS process concepts.
- Create subdirectories and organize, maintain and manipulate files within the structure.

- Describe, use, create, and delete OpenVMS logical names.
- Create, manipulate, and display files.
- Use the EVE editor to create and modify files.
- Create, show, use, and delete symbols.
- Write command procedures to the level of difficulty required to support future jobs as system managers or programmers.
- Submit batch and print jobs.
- Use the network to communicate with other computers, exchange data and use services from other computers.

Why education services from HP?

- Experienced and best-in-the-field HP instructors
- Comprehensive student materials
- State-of-the-art classroom facilities
- Customized on-site delivery
- Hands-on practice
- Focus on job-specific skills
- Online instructor-led and self-paced training at <http://itresourcecenter.hp.com>
- More than 120 training locations worldwide

Next steps

- HP OpenVMS System Management I: Essentials for Established Systems
- HP OpenVMS System Management II: Installation, Configuration & Customization
- Managing Complex HP OpenVMS Systems
- HP OpenVMS System Performance Management
- TCP/IP Services for HP OpenVMS

Detailed course outline

Introduction to OpenVMS

- History of OpenVMS
- Basic characteristics and configurations of OpenVMS
- System environment concepts
- OpenVMS configurations

Getting Started

- Logging into the system
- OpenVMS passwords
- Exiting the system

DCL Command Interpreter

- Digital Command Language
- DCL command features
- Getting online help
- Getting information from the system

Process Concepts

- Processes
- Displaying processes
- Changing process information

Directory and Files

- File specification
- Directory structure

File Manipulation Commands

- Confirm and log qualifiers
- Create, type, append, copy, rename, delete, purge, sort, and merge files
- Search files

File and Directory Security

- Definitions
- Protecting your data
- UIC-based security
- More detailed protection using ACLs
- File encryption

Logical Names

- Logical names
- Using logical name tables

Editing

- Choosing the appropriate editor
- Features of the EVE editor

- EVE commands
- EDT editor

Symbols as Command Aliases

- Locality of reference
- Creating symbols to use a command synonyms
- Using symbols
- Displaying symbols
- Creating custom commands
- Deleting symbols

Command Procedures

- Introduction to command procedures
- Debugging command procedures
- Using symbols in command procedures
- Controlling the flow of execution
- Lexical functions
- I/O handling
- Sending mail from a command procedure
- Error handling
- PIPE command

Print and Batch Queues

- Queue mechanism
- Print jobs
- Batch jobs

Networking

- Network introduction
- Using DECnet
- Using TCP/IP

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> .

