



OpenVMS version 8.3 introduces many new and modified features to the operating system. This 1 day course describes the aspects of v8.3 that will affect the jobs of programmers, engineers, and advanced support personnel.

Audience

- Programmers, engineers, and advanced support personnel

Prerequisites

Students attending this course should have a fundamental understanding of programming using the C programming language and internals skills through OpenVMS v8.2

- OpenVMS v8.3 Technical Update: User/Management Features (HE780S) and
- OpenVMS v7.3 Alpha Programming Features I (U3717S) or
- OpenVMS Ambassadors Bootcamp programming seminars are recommended

Course Objective

Upon completion of this course, students should be able to:

- Describe the method for supporting sub-second deadlock waits
- Identify new item codes for system service that return information about processes, devices, and the system
- List changes to system service logging
- Describe C run-time library features supporting symbolic links
- Explain how RMS has changed for v8.3
- Describe how images are mapped to address space relative to INSTALL options in v8.3
- Explain how address space mapping changes with images installed resident
- Identify new SDA commands
- Describe support for PCI-X adapters in v8.3
- Describe support for generic USB devices

Benefits to You

- Learn the differences between OpenVMS v8.2 and v8.3 at the programmer and internals levels

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Course Title: HE635S HP OpenVMS v8.3
Technical Update: Programming/Internals Features

HP Product Number: HE635Sa.00

Category/Subcategory: OpenVMS

Course Length: 1 day

Level: Advanced

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: HP OpenVMS v8.3 Programming Features (HE634S)

Detailed Course Outline

Programming Features

- Sub-second deadlock wait
- New SYS\$GETxyz item codes
- System service logging enhancements
- C run-time library features
- RMS enhancements

Internals Features

- Image activation and address space changes
- SDA changes
- FLT SDA extension change
- HP Integrity server I/O overview
- PCI express support
- Generic USB (UGDRIVER) support

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