



hp services

education

course description

## hp Tru64 UNIX v5 system administration u3632s

### course overview

This 5 day hp Tru64 UNIX system administration course is designed for students who will be installing and managing a hp Tru64 UNIX system. The course covers the basics from installing operating system software and optional software, to managing file systems and devices, to creating user accounts. The course demonstrates how to manage a hp Tru64 Unix system using the four methods of performing administrative tasks including SysMan Tool, SysMan Station, graphical user interfaces in the Common Desktop Environment, and command-line scripts.

### audience

This course is designed for students with some experience in a UNIX environment, who will be managing an hp Tru64 UNIX system.

### benefits to you

This course will show you how to use multiple interfaces, and provides practice and preparation for the hp Tru64 UNIX v5 administration, integration & support and hp Tru64 UNIX v5 advanced administration, support & performance certification exams.

### pre-requisites

To get the most from this course, students should be able to log into and move within a UNIX system, use an editor on the system, manage files and directories, use non-privileged commands and write and debug simple shell programs. These skills can be acquired by taking the course UNIX utilities & commands.

### course objectives

- Upon successful completion of this course, you should be able to:
- identify system administration responsibilities
- update system firmware and install the operating system
- shut down and boot the system
- install optional software
- manage disk devices and AdvFS file systems
- manage user accounts
- configure the kernel and install patches
- back up and restore files and file systems
- monitor a system and identify system problems
- troubleshoot system problems

### next steps

- hp Tru64 UNIX v5 Network Administration u3633

### to order

You can order this course online at <http://education.hp.com>. At the site, select a country, then choose "registration" or "Book a course" and fill out the online registration form.

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## detailed course outline: hp Tru64 UNIX v5 system administration u3632s

module	key topics
administrating hp Tru64 UNIX	<ul style="list-style-type: none"><li>• system manager responsibilities</li><li>• UNIX software environment</li><li>• hp Tru64 UNIX features</li><li>• hp Tru64 UNIX system internals</li><li>• superuser and the root login</li><li>• performing administrative tasks</li></ul>
updating system firmware	<ul style="list-style-type: none"><li>• firmware systems</li><li>• using SRM commands</li><li>• updating the firmware</li></ul>
installing the system	<ul style="list-style-type: none"><li>• types of installation</li><li>• preparing for an installation</li><li>• performing the full installation</li><li>• configuring the system with quick setup</li><li>• performing and update installation</li></ul>
performing system startup and shutdown	<ul style="list-style-type: none"><li>• booting an hp Tru64 UNIX system</li><li>• shutting down and rebooting the system</li><li>• shutting down with CDE</li><li>• understanding initialization files</li></ul>
loading and licensing software	<ul style="list-style-type: none"><li>• loading and unloading software subsets</li><li>• licensing your software</li><li>• using the CDE license manager</li></ul>
managing disks	<ul style="list-style-type: none"><li>• disk management</li><li>• physical description of disks</li><li>• partitions and file systems</li><li>• viewing and changing partition sizes with disklabel</li><li>• viewing and changing partition sizes with CDE</li><li>• adding swap space</li><li>• disk device files</li><li>• disk management tools</li><li>• using hwmgr</li><li>• using dsfmgr</li><li>• using scu utility</li><li>• using the devswmgr utility</li><li>• configuring disk devices manually</li></ul>
managing AdvFS file systems	<ul style="list-style-type: none"><li>• introduction to file systems</li><li>• directories and file types</li><li>• directory hierarchy</li><li>• mounting and unmounting file systems</li><li>• introducing AdvFS concepts</li><li>• setting up AdvSF</li><li>• managing AdvFS</li><li>• using AdvFS utilities</li><li>• introducing the Advanced File System manager</li><li>• using AdvFS with LSM</li></ul>
managing the user environment	<ul style="list-style-type: none"><li>• user accounts</li><li>• administering user accounts using the command line</li><li>• administering user accounts using the Sysman menu</li><li>• administering user accounts using the CDE account manager</li><li>• user login environment</li><li>• division of privileges</li></ul>
configuring the kernel	<ul style="list-style-type: none"><li>• building a new kernel</li><li>• configuring the system dynamically</li><li>• modifying system attributes</li><li>• system configuration file</li><li>• building a static kernel</li></ul>

## detailed course outline: hp Tru64 UNIX v5 system administration u3632s

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|-------------------------------|---|
| installing patches            | <ul style="list-style-type: none"><li>• introducing patches</li><li>• using dupatch</li><li>• installing patches</li><li>• common installation steps</li></ul>  |
| performing backups            | <ul style="list-style-type: none"><li>• backing up file systems with vdump</li><li>• restoring file systems</li><li>• the networker SingleServer utility</li></ul>  |
| monitoring the system         | <ul style="list-style-type: none"><li>• understanding event logging</li><li>• using ASCII event logging</li><li>• using binary event logging</li><li>• introducing hp Analyze</li><li>• using Event Manager</li><li>• using Insight Manager</li><li>• using sys_check, collect, and Performance Manager</li><li>• managing processes</li><li>• using class scheduler</li><li>• monitoring disk space</li><li>• additional monitoring tools and utilities</li><li>• using CDE monitoring tools</li><li>• enabling system accounting</li><li>• using system exercises</li></ul> |
| responding to system failures | <ul style="list-style-type: none"><li>• responding to a system crash</li><li>• file system full</li><li>• regarding "runaway" processes</li></ul>   |

### for more information

For more information on HP Education Services, contact any of our worldwide offices or visit our worldwide web site on the internet at <http://education.hp.com>

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7/02 rev. a U3632

