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education

course description

hp Tru64 UNIX v5 security management u3697s

course overview

This 2 day course is designed for individuals with experience managing a hp Tru64 UNIX operating system who are interested in learning how to recognize and address security threats in both the base and Enhanced Security levels of the hp Tru64 UNIX environment.

audience

This course is designed for UNIX system administrators who require experience in the advanced topics of hp Tru64 UNIX system security.

benefits to you

This course will show students how to use multiple interfaces, and provide the needed practice and preparation for the hp Tru64 UNIX v5 advanced administration, support and performance certification exam.

pre-requisites

Students should be able to log in to an hp Tru64 UNIX system as a system administrator, use an editor to write and debug simple shell programs, and manage files and directories. Students should also be able to install hp Tru64 UNIX software subsets, add and remove users from the system, customize the system configuration file and build a new kernel, and create, mount and backup file systems.

course objectives

At the completion of this course, students should be able to:

- Identify Tru64 UNIX security issues and terminology.
- Contrast baselevel security with Enhanced Security.
- Describe the security requirements of a given system.
- Improve system and network security.
- Track activity through system auditing.
- Perform security setup operations using secconfig.
- Install and configure Enhanced Security.
- Use the Common Desktop Environment (CDE) Account Manager (dxaccounts) and the Audit Manager tools.
- Maintain the protected subsystem databases.
- Create and modify secure devices.
- Administer the audit subsystem using auditconfig and dxaudit.
- Perform trusted system troubleshooting and recovery operations.

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.

why hp education?

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detailed course outline: hp Tru64 UNIX v5 security management u3697s

module	key topics
security overview	<ul style="list-style-type: none">• security terms and concepts• threats to a computer system• basic security model• orange book• hp Tru64 UNIX and security
improving base level security	<ul style="list-style-type: none">• managing accounts with commands• division of privileges• managing accounts with CDE• security guidelines• protecting files• checking security issues• TCP/IP network guidelines• workstation guidelines
historical security holes	<ul style="list-style-type: none">• SUID and SGID programs• security concerns• security case - Morris
access control lists	<ul style="list-style-type: none">• ACL overview• ACL commands• ACL decision process• ACL maintenance• administering ACLs
enhanced security	<ul style="list-style-type: none">• overview• setting up system security• rebooting files after setup• authorization controls and tools• protected password database fields• using edauth• lock file• manual add of account• protected subsystems• time values
auditing	<ul style="list-style-type: none">• overview• audit records• audit data recovery• auditing tools• setting up auditing• audit events• enabling auditing• object selection and deselection• process targeting• audit log files• audit reports
trusted system troubleshooting and recovery	<ul style="list-style-type: none">• backup strategy• recovery• recovery procedure• troubleshooting trusted systems• ensuring system integrity
Appendix A: miscellaneous security topics	<ul style="list-style-type: none">• hacker articles• reference monitor• access control• CDE common desktop environment• network security concerns• firewalls• policy, procedures, and the law• security integration architecture (SIA)

**for more
information**

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