



HP TRAINING

Hp Ux Administration Course

Master HP-UX administration. Learn to effectively manage, configure, and troubleshoot HP-UX systems for robust IT operations.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This intermediate-level HP-UX Administration Course from Computer Pride is meticulously designed for IT professionals aiming to master the intricacies of managing HP's robust UNIX operating system. Delving deep into HP-UX 11i environments, participants will gain hands-on expertise in essential administrative tasks, including system installation, configuration, user and group management, file system maintenance, and process control. The course emphasizes practical skills crucial for maintaining high availability and optimal performance of mission-critical enterprise systems. By completing this course, you will be equipped to confidently administer, troubleshoot, and secure HP-UX servers that power demanding corporate infrastructures. You'll learn to optimize system resources, manage storage volumes with Logical Volume Manager (LVM), configure network services, and implement robust backup and recovery strategies. This specialized knowledge is invaluable for ensuring operational stability and efficiency in organizations that rely on HP-UX for their core applications, providing a significant career advantage in the enterprise IT landscape.

Level	Intermediate
Vendor	HP

COURSE CURRICULUM

01 Module 1: HP-UX System Fundamentals & Initial Configuration

- HP-UX Architecture Overview
- System Installation and Boot Process
- User and Group Management
- File System Hierarchy and Management (HFS, JFS)
- Essential Shell Commands and Scripting Basics

02 Module 2: Advanced System Administration

- Kernel Configuration and Tunables
- Process Management and Job Scheduling (cron, at)
- Software Management (swinstall, swremove, patching)
- Managing System Startup and Shutdown Services

03 Module 3: Storage and Logical Volume Management (LVM)

- Disk Partitioning and Device Files
- Introduction to Logical Volume Manager (LVM)
- Creating, Extending, and Reducing Volume Groups and Logical Volumes
- Managing Physical Extents and Mirroring
- Filesystem Creation and Mounting (mount, umount, fstab)

04 Module 4: Network Configuration and Services

- TCP/IP Fundamentals on HP-UX
- Configuring Network Interfaces (NICs)
- Managing Network Services (NFS, DNS Client, SSH)
- Network Troubleshooting Tools (netstat, ping, traceroute)

05 Module 5: Performance Monitoring and Troubleshooting

- System Performance Metrics and Tools (sar, iostat, vmstat, glance)
- Monitoring CPU, Memory, Disk I/O, and Network Usage
- Identifying and Resolving Common Performance Bottlenecks
- Log File Management and Analysis

06 Module 6: Security and Backup Strategies

- User Account Security and File Permissions
- Auditing and Security Best Practices
- Introduction to Backup Utilities (fbackup, tar, cpio)
- Designing and Implementing Backup and Recovery Plans
- Patch Management and System Updates

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **HP-UX Systems Administrator**
- > **Enterprise UNIX/Linux Infrastructure Engineer**
- > **Senior IT Operations Specialist (focused on mission-critical systems)**

FREQUENTLY ASKED QUESTIONS

Q: Who is the ideal candidate for the HP-UX Administration Course, and what are the prerequisites?

This course is tailored for IT professionals with foundational UNIX/Linux command-line experience who are looking to specialize in HP-UX environments. Ideal candidates include aspiring system administrators, network engineers, or IT operations staff working with or planning to work with HP-UX servers. A basic understanding of networking concepts and general server administration is recommended.

Q: How will mastering HP-UX administration specifically enhance my career and problem-solving capabilities in enterprise IT?

Mastering HP-UX administration positions you as a critical asset in organizations that rely on these robust systems for their mission-critical applications, often in finance, telecommunications, or government sectors. You will be uniquely equipped to ensure the stability, security, and peak performance of these complex environments, directly contributing to business continuity and operational excellence. This specialization differentiates you in a competitive job market by demonstrating expertise in a niche yet vital enterprise technology.

Q: Is HP-UX still relevant in modern data centers, and what are its typical use cases today?

While newer operating systems have emerged, HP-UX continues to be highly relevant in many large enterprise and government organizations, particularly for systems requiring extreme stability, scalability, and security. It is commonly found powering critical database servers (like Oracle), high-performance computing (HPC) environments, and legacy applications where migration to other platforms is either impractical or cost-prohibitive. This course ensures you have the skills to manage these established and vital infrastructures effectively.

ABOUT COMPUTER PRIDE



computerpride

East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke