



HP TRAINING

Hp Ux System Administration

Master HP-UX system administration skills. Learn to manage, maintain, and troubleshoot HP-UX environments effectively.

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 System Administration course at Computer Pride is meticulously designed to equip IT professionals with the essential skills required to manage, maintain, and troubleshoot HP-UX operating environments. Participants will delve deep into the architecture of HP-UX, mastering critical aspects such as user and group administration, robust disk management using Logical Volume Manager (LVM), network configuration, and ensuring system security. The curriculum is crafted to provide a comprehensive understanding of HP-UX, a powerful and reliable Unix operating system favored for mission-critical enterprise applications.

Upon completion, attendees will be proficient in performing daily system administration tasks, optimizing system performance, implementing effective backup and recovery strategies, and maintaining the stability and security of HP-UX servers. This specialization is invaluable for IT professionals seeking to enhance their expertise in enterprise-grade Unix systems, opening doors to advanced roles in organizations that rely on HP-UX for their core infrastructure. Develop a critical skill set that ensures the high availability and integrity of vital business operations.

Level	Intermediate
Vendor	HP

COURSE CURRICULUM

01 Module 1: HP-UX Fundamentals and Core Commands

- HP-UX Architecture and File System Hierarchy
- Logging in and Basic Command-Line Interface (CLI) Usage
- Managing Files and Directories
- Understanding Processes and Job Control
- Introduction to Shell Scripting for Automation (Bash/Korn Shell)

02 Module 2: User, Group, and System Security Management

- Creating and Modifying User Accounts and Groups
- Understanding File Permissions and Access Control Lists (ACLs)
- Implementing Sudo for Delegated Administration
- Basic Security Hardening Techniques
- Auditing and Logging System Events

03 Module 3: Disk Management with Logical Volume Manager (LVM)

- Physical Volume, Volume Group, and Logical Volume Concepts
- Creating and Extending Logical Volumes and File Systems
- Mirroring and Striping Logical Volumes
- Disk Partitioning and Mount Point Management
- Troubleshooting Disk-Related Issues

04 Module 4: Network Configuration and Services

- Configuring TCP/IP Networking on HP-UX
- Managing Network Interfaces and Routing
- Configuring NFS (Network File System)
- DNS Client Configuration
- Network Troubleshooting Utilities

Module 5: System Monitoring, Performance, and Troubleshooting

- 05**
- Monitoring CPU, Memory, Disk I/O, and Network Usage
 - Using Performance Tools (e.g., glance, sar, vmstat)
 - Process Management and Tuning
 - Managing System Log Files
 - Kernel Parameters and System Tunables
- 06** **Module 6: Backup, Recovery, and Advanced Administration**
- Implementing Backup Strategies (fbackup, tar, cpio)
 - Understanding Ignite-UX for System Recovery
 - Managing Software with SD-UX (Software Distributor)
 - Automating Tasks with Cron and At
 - Introduction to High Availability Concepts in HP-UX

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **HP-UX Systems Administrator**
- > **Enterprise Unix/Linux Engineer**
- > **IT Infrastructure Specialist (focused on Mission-Critical Systems)**

FREQUENTLY ASKED QUESTIONS

Q: What are the ideal prerequisites for enrolling in the HP-UX System Administration course?

This intermediate-level course assumes participants have a foundational understanding of Linux or Unix command-line environments, including basic file system navigation, command execution, and familiarity with text editors. Prior exposure to general networking concepts and operating system principles will also be beneficial for optimal learning.

Q: How will mastering HP-UX System Administration specifically enhance my career trajectory in enterprise IT environments?

Gaining expertise in HP-UX System Administration positions you as a specialist in a niche, yet critical, area of enterprise IT. Many large organizations, particularly in banking, telecommunications, and manufacturing, still rely on HP-UX for their most stable and high-performance mission-critical applications. This skill set makes you highly valuable for managing legacy infrastructure, ensuring system uptime, and contributing to the stability of core business operations, leading to specialized roles and career stability.

Q: What kind of complex system challenges can I expect to solve as an HP-UX administrator after completing this course?

Upon completing this course, you'll be equipped to tackle challenges such as optimizing performance bottlenecks in resource-intensive applications, implementing robust disaster recovery plans using Ignite-UX, managing complex Logical Volume Manager (LVM) configurations for critical data storage, securing systems against vulnerabilities, and ensuring continuous operation of essential network services on HP-UX platforms. You will be able to diagnose and resolve a wide array of system-level issues efficiently.

ABOUT COMPUTER PRIDE



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