

Wizards Training Inc.

UNIX Training Course Curriculum

Duration: Five Weekends - Approx. 60hrs /

(Sat & Sun: 1.30pm – 5.30pm)

UNIX-I

Introduction to UNIX

- Basic concepts.
- Architecture.

Introduction to file systems

- File system types, structure.
- File systems administration.

System Security

- Controlling system Access.
- Controlling File access.
- Monitoring and Auditing.

Setting up user Accounts

- User account Administration.
- Managing privileges and groups.

Software package administration

- Tools for managing software.
- Adding and removing software packages.
- Installing and removing system patches.

Administration and configuration of CDE

- Managing Login Server.
- Customizing Workspaces and workspace controls.
- Customizing user environments.

Shell scripts and programs and VI editor.

- Type of shells.
- Shell scripting using shell conditionals and repeated loop commands.
- Debugging shell scripts.
- Basic VI editor commands and usage.

Printer Management

- Unix Print service management.
- Setting up hardware and software.
- Administering printers.

Process control and management

- Viewing a process.
- Signals and process management.
- Scheduling Processes.

Training Location: 1039 Sterling Road, Ste. 103, Herndon-VA-20170. USA.

Ph: 703-867-7699 Fax: 703-956-6769 training @wizardstraining.net

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Unix-II

Installing Solaris/Linux

- Installation and configuration.

Device Administration

- Hardware Terminology.
- Software Terminology.
- Administering Terminal, Modems and ports.
- Adding Disks to the system and other SCSI devices such as Tape library etc.

Networking

- Network Fundamentals and Topologies.
- Network Protocols.
- Network Hardware.
- Planning and setting up network and routing.
- Network security.
- TCP/IP administration and commands.
- Network Maintenance.

Advanced Shell scripting and vi editor

- Advanced shell commands.
- Basic TCL programming, awk and sed.
- Functions, filters and formatting output.
- VI editor advanced commands.

Advanced System Administration

- Kernel tuning.
- Managing file systems and processes (advanced commands).
- Disk Management, partitioning.
- Setting up remote file systems mounting (NFS).
- NIS concepts
- DNS Concepts
- DHCP Implementation

Backup and Recovery

- Using UNIX commands for Backup and recovery.
- Backup Strategy.

Advanced Tips and Tricks for managing UNIX systems.

- Advanced Troubleshooting techniques.
- How to do's?
- What not to do?
- What to do when things go wrong?

Assignments on Each Class.

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