

ADMINISTERING LINUX SYSTEMS CERTIFICATION

As per International Standards



UNICHROME

Unichrone Training **Advantages**

- ✓ 2 Day Interactive Instructor-led Online/Classroom or Group Training
- ✓ Course study materials designed by subject matter experts
- ✓ Mock Tests to prepare in a best way
- ✓ Highly qualified, expert & accredited trainers with vast experience
- ✓ Enrich with Industry best practices and case studies and present trends
- ✓ Administering Linux Systems Training Course adhered with International Standards
- ✓ End-to-end support via phone, mail, and chat
- ✓ Convenient Weekday/weekend Administering Linux Systems Training Course schedule



About Unichrone

✓ We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in USA, Canada, Australia, UK, Ireland and Germany.



Guaranteed Quality



Handpicked Trainers



Global Presence



Online Training Option

We've trained professionals across global companies



AkerSolutions



Importance of Administering Linux Systems Training

- ✓ Linux Systems Administration Certificate enhances professionals' abilities to efficiently manage systems running on Linux. Gaining proficiency with Linux can significantly boost their capacity to administer systems, install apps, and perform necessary administrative tasks. This certification demonstrates their expertise with Linux administration tools and methods. It can be used as a basis for promotion within the IT sector and enhance level and rate of pay for the holder. Furthermore, it makes them stand out in the job market and opens up numerous career opportunities.
- ✓ Administering Linux Systems Training provides candidates with necessary tools and knowledge for Linux administration. Candidates will learn about foundational aspects such as system structure, installation procedures, configurations, and problem-solving. The curriculum involves an equally exhaustive examination of command-line interfaces, file systems, users and groups, networks, and security in Linux operating systems. Finally, when they exit the program, they will be able to systematically enhance performance of software systems and implement adequate security mechanisms.

ELIGIBILITY CRITERIA

- ✓ Aspirants need not meet any requirements to pursue Administering Linux Systems Training Course. However, having prior knowledge is beneficial.

WHO SHOULD ATTEND

- ✓ Any individual who wants to gain skills to understand Linux can enroll in the Administering Linux Systems Training course.

ADMINISTERING LINUX SYSTEMS CERTIFICATION ADVANTAGES



CERTIFIES
YOUR TALENT



HELPS
BUILDING
VALUES



GLOBAL
RECOGNITION



PERFECT
EXECUTION



BUILDS
CUSTOMER
LOYALTY



MORE
EMPLOYABILITY
OPTIONS

Syllabus of Administering Linux Systems Training

Lesson 01 – Installing Linux

1.	Installation Methods
2.	Installing Linux Using Virtual Consoles
3.	Installation Through a Remote System Using VNC

Lesson 02 – Devices Under Linux

1.	Device Files
2.	Inspecting Hardware Under /proc Directory
3.	Use of lshw Command
4.	Detecting New or Existing Devices

Syllabus of Administering Linux Systems Training

Lesson 03 – Account Management

1.	Adding, Changing, and Deleting Users/Groups
2.	Password Admin
3.	Ulimit Option
4.	Sudo Command

Lesson 04 – Filesystem Configuration

1.	Native Linux Filesystems
2.	Filesystem Usage
3.	Disk Partitioning
4.	Filesystem Admin and Maintenance
5.	Managing Disk Quotas

Syllabus of Administering Linux Systems Training

Lesson 05 – SWAP

1.	Swap Space
2.	Swap Partions and SWAP Files

Lesson 06 – Package Management

1.	Redhat Package Management (RPM) System
2.	SUZE Zypper Package Manager
3.	Installing, Updating, and Removing Packages
4.	Querying and Verifying Packages

Syllabus of Administering Linux Systems Training

Lesson 07 – System Startup/Shutdown

1.	Startup
2.	Boot Process
3.	Shutdown
4.	Rebooting
5.	Single User Mode

Lesson 08 – Printer Management

1.	CUPS Printing System
2.	Administering CUPS Using Web Browser Interface
3.	Managing Printer Queues

Syllabus of Administering Linux Systems Training

Lesson 09 – Monitoring Process and Scheduling

1.	Monitoring System Processes
2.	Process Management
3.	Scheduling Jobs Using 'At' and 'Crontab'

Lesson 10 – System Security

1.	Secure Shell: OpenSSH
2.	Encryption and Authentication Under SSH
3.	GPG Tools
4.	Digital Signature Management

Syllabus of Administering Linux Systems Training

Lesson 11 – Connecting Linux to the Network

1.	IPv4 and IPv6 Addressing
2.	Altering Media Speed
3.	Routing Management

Lesson 12 – Internet Services

1.	Handling Network Service Requests with Xinetd
2.	TCP/IP Networking

Syllabus of Administering Linux Systems Training

Lesson 13 – Backup and Restore

1.	Backup Strategies
2.	Archives with Tar
3.	Creating Archives
4.	Archives with Cpio
5.	Disaster Recovery Techniques

Lesson 14 – Troubleshooting Linux

1.	Troubleshooting Hardware
2.	Installed Programs
3.	Miscellaneous

Syllabus of Administering Linux Systems Training

Lesson 15 – System Logging

1.	Rsyslog Configuration
2.	Editing the Rsyslog.conf File
3.	Using Logrotate to Manage Logs

Exam Format of Administering Linux Systems Certification

Examination Format	
Exam Name	Administering Linux Systems Exam
Exam Format	Multiple Choice
Total Questions & Duration	30 Questions, 1 Hour
Passing Score	Minimum passing score of 70%
Exam Cost	Included in training fee

To get you fully prepared with the knowledge and skills for Administering Linux Systems, a training session at Unichrone gives immense importance to mock questions at the end of every module and problem-solving exercises within the session. Prepared by certified faculty, the practice tests are a true simulation of the Administering Linux Systems exam.

Contact Us

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<https://unichrone.com/>

