



Transforming Development and Operations

LINUX

Your Path to Mastery Begins Here!



LINUX

COURSE MISSION

Unlock the Power of Linux with our Comprehensive Certification Course. Master the Fundamentals, Conquer Advanced Skills, and Validate Your Expertise as a Certified Linux Professional. Your Gateway to Career Excellence Starts Here in Cloud, Security, DevOps, Automation etc & The Red Hat Certified System Administrator (RHCSA) and Red Hat Certified Engineer (RHCE) certifications hold significant importance in the IT industry, particularly in the realm of Linux system administration.

Linux Admin STATISTICS:



INDUSTRY INSIGHTS

83%

IT organization prefer linux platform as it is most secured and open source.

30%

Year on Year Growth For All Linux Administrator.

Learn **Linux Administrator** and Be in Demand Always!

In today's rapidly evolving Tech Industry, being a skilled as Linux Administrator is a valuable asset. There is an unprecedented requirement of all rounders and dynamic administrator and cloud Computing. SevenMentor's comprehensive Linux Administrative Course is designed to equip you with the knowledge and practical skills to handle every aspect of Cloud computing and cyber security.

Journey to Become an **Linux Administrator**



Learning Linux within the context of cloud computing involves mastering command-line operations, understanding virtualization, and deploying scalable solutions on platforms like AWS or Azure. From a cybersecurity standpoint, Linux proficiency enables securing cloud infrastructure, implementing access controls, and defending against common threats like malware and unauthorized access. This learning journey encompasses mastering Linux administration, networking, shell scripting, and leveraging security tools to fortify cloud-based systems against cyber attacks

CAREER PATHS AND OPPORTUNITIES

(Roles after Training Course)

Gain practical Linux Administrator experiences through well designed courses, latest tools and excellent teachers.



Linux System Administrator



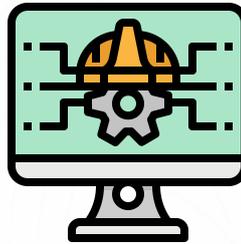
DevOps Engineer



Entrepreneurship



Cloud Computing



Security Engineer



Security Analyst



IT Consultant



Open Source Developer



Automation Engineer



Data Center Technician



Educator/Trainer



Network Administrator

Here Are Some Key Reasons Why These **CERTIFICATIONS** Are Valuable

1. Industry Recognition:

RHCSA and RHCE are globally recognized certifications offered by Red Hat, a leading open-source technology provider. Achieving these certifications signals to employers that you have demonstrated proficiency in Linux system administration.

2. Skill Validation:

RHCSA and RHCE certifications validate your skills in performing essential tasks, such as system administration, networking, security, and troubleshooting in a Linux environment. This practical focus ensures that certified individuals have hands-on experience and are well-prepared for real-world scenarios.

3. Career Advancement:

Holding RHCSA and RHCE certifications can enhance your career prospects. Many organizations seek professionals with these certifications for roles involving Linux system administration, cloud computing, and other related areas.

4. Employability:

Certified professionals are often preferred by employers as they reduce the risk associated with hiring. RHCSA and RHCE certifications demonstrate a candidate's commitment to continuous learning and their ability to meet industry standards.

5. Global Demand:

Linux is a widely used operating system in enterprise environments, cloud computing, and data centers. As a result, there is a global demand for skilled Linux administrators, making RHCSA and RHCE certifications highly sought after by employers worldwide.

6. Open Source Expertise:

Red Hat certifications focus on open-source technologies, providing a solid foundation in Linux and associated tools. This expertise is valuable as many organizations today rely on open-source solutions for their IT infrastructure.

7. Problem-Solving Skills:

The practical nature of RHCSA and RHCE exams means that certified professionals are equipped with strong problem-solving skills. This is crucial in the dynamic and complex world of IT, where quick and effective troubleshooting is essential.

8. Vendor Neutrality:

While Red Hat certifications focus on Red Hat Enterprise Linux, the skills acquired are often transferable to other Linux distributions. This vendor-neutral approach ensures that certified professionals are adaptable to various Linux environments.

9. Community Support:

Red Hat certifications are backed by a strong community of professionals and organizations. Being part of this community provides ongoing support, resources, and opportunities for networking and collaboration.

10. Continuous Learning:

Red Hat regularly updates its certification exams to align with industry trends and technological advancements. This emphasis on continuous learning ensures that certified professionals stay relevant in a rapidly evolving IT landscape.

RHCSA (RED HAT CERTIFIED SYSTEM ADMINISTRATOR)

RH124 – System Administration I & RH134 – System Administration II

1. Get started with Linux

Describe and define open source, Linux distributions, and Linux.

2. Access the command line

Log into a Linux system and run simple commands using the shell.

3. Manage files from the command line

Copy, move, create, delete, and organize files while working from the bash shell.

4. Get help in Linux

Resolve problems by using local help systems.

5. Create, view, and edit text files

Manage text files from command output or in a text editor.

6. Manage local users and groups

Create, manage, and delete local users and groups, as well as administer local password policies.

7. Control access to files

Set Linux file system permissions on files and interpret the security effects of different permission settings.

8. Monitor and manage Linux processes

Evaluate and control processes running on a Linux system.

9. Control services and daemons

Control and monitor network services and system daemons using systemd.

10. Configure and secure SSH

Configure secure command line service on remote systems, using Open SSH.

11. Analyze and store logs

Locate and accurately interpret logs of system events for troubleshooting purposes.

12. Manage networking

Configure network interfaces and settings on Linux servers.

13. Archive and transfer files

Archive and copy files from one system to another.

14. Install and update software

Download, install, update, and manage software packages from yum package repositories.

15. Access Linux files systems

Access, inspect, and use existing file systems on storage attached to a Linux server.

16. Analyze servers and get support

Investigate and resolve issues in the web-based management interface, getting support to help solve problems.

17. Comprehensive review

Review the content covered in this course by completing hands-on exercises.

18. Improve command line productivity

Run commands more efficiently by using advanced features of the bash shell, shell scripts, and various utilities provided by Linux.

19. Schedule future tasks

Schedule commands to run in the future, either one time or on a repeating schedule.

20. Tune system performance

Improve system performance by setting tuning parameters and adjusting scheduling priority of processes.

21. Control access to files with ACLs

Interpret and set access control lists (ACLs) on files to handle situations requiring complex user and group access permissions.

22. Manage SELinux security

Protect and manage the security of a server by using SELinux.

23. Maintain basic storage

Create and manage storage devices, partitions, file systems, and swap spaces from the command line.

24. Manage logical volumes

Create and manage logical volumes containing file systems and swap spaces from the command line.

25. Provide sudo privilege to user and group

Manage sudo privileges for user and group with password And without password authentications

26. Access network-attached storage

Use the NFS protocol to administer networkattached storage.

27. Control the boot process

Manage the boot process to control services offered and to troubleshoot and repair problems.

28. Manage network security

Control network connections to services using the system firewall and SELinux rules.

29. Configure Apache Web Server

Install and configure httpd with basic and virtual web hosting Host web site with https

RHCE (RED HAT CERTIFIED ENGINEER)

RH294 – System Administration III
(AnsibleAutomation)

30. Introduce Ansible

Describe Ansible concepts and install Ansible Engine.

31. Deploy Ansible

Configure Ansible to manage hosts and run ad hoc Ansible commands.

32. Implement playbooks

Write a simple Ansible Playbook and run it to automate tasks on multiple managed hosts.

33. Manage variables and facts

Write playbooks that use variables to simplify management of the play book and facts to reference information about managed hosts.

34. Implement task control

Manage task control, handlers, and task errors in Ansible Playbooks.

35. Deploy files to managed hosts

Deploy, manage, and adjust files on hosts managed by Ansible.

36. Manage large projects

Write play books that are optimized for larger, more complex projects.

37. Simplify playbooks with roles

Use Ansible roles to develop playbooks more quickly and to reuse Ansible code.

38. Troubleshoot Ansible

Troubleshoot playbooks and managed hosts.

39. Automate Linux administration tasks

Automate common Linux system administration tasks with Ansible

40. Overview of Various Servers configuration

- yum/dnf server
- NFS server
- DHCP server
- SAMBA server
- MariaDB server
- DNS server

Your Success Is Our Priority:

Every student at **SevenMentor** gets personalized guidance, Mentorship, and ample opportunities to address individual questions and concerns. All our sessions are designed to be engaging, interactive, and tailored to your learning pace, ensuring you grasp each concept with clarity.



Abhijeet Dahatonde

Senior Technical Trainer

(SevenMentor & Training Pvt. Ltd.)

Abhijeet is a graduate in Information Technology Engineering[BE.IT], Post graduate in IT [MBA-IT]and also Cyber law certified from symbiosis University, International Certified in Cyber Security, Linux Administrator, Windows Administrator, Cisco, CompTIA Global Certifications.

Being a Cyber Security Researcher, Forensic Researcher and Ethical Hacking Expert, Abhijeet has revealed numerous critical vulnerabilities, bugs, loop holes, etc on websites and networks of major corporate and institutions. Currently members of various underground hacking groups, security researchers and communities worldwide. His fanaticism for Security, Sys Administration, Programming and Cloud made him expert in the security,server administration,cloud,DevOps domain.



Amir Patel

Cloud Computing, DevOps Trainer

(SevenMentor & Training Pvt. Ltd.)

Amir Patel is currently working as a Cloud Computing, DevOps Trainer at Sevenmentor, Pune. Amir has been training for AWS, DevOps, Linux since 2009. Amir has working experience with various organisations like Sanjay Ghodawat institute/Vyomlabs/koening solutions. He received Master of Computer Application (M.C.A) in Management from Rajashri college of Engineering, Pune in 2015 and BCA Arts and commerce college Ashta, Sangli, India in 2013. His area of interests are Cloud Computing, DevOps, Open-Source Technologies, Cloud Infrastructure Solutions.



Gandhar bodhas

Networking and Linux Trainer.

(SevenMentor & Training Pvt. Ltd.)

Gandhar D Bodas currently working at Sevenmentor pvt ltd Pune as Networkingand Linux Trainer. Gandhar has been training for CCNA, LINUX, and AWS since 2021. Gandhar has workingexperience with NGO like Light House-PCC, Colleges like MIT College, JJMCOE and AMGOI College. He received Master in Computer Management from M.E.Society's Institute of Management and Career Courses (IMCC), Pune, India in 2016 and Bachelor of Computer Application from Marathwada Mitra Mandal's College of Commerce, Pune, India in 2014. His area of interests are CCNP, Firewall (Pala Alto), Cyber Security and DevOps.

THINGS THAT SET US APART FROM THE REST:

SevenMentor prepares you well so that you can embark on a rewarding career in Linux through our training.



Interview Preparation: mock Interviews resume building session personality development session will benefit you to get your dream job.



Career Support: We're dedicated to your success! Benefit from career guidance, resume building, interview prep, and job placement

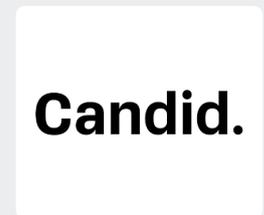


Flexibility: Our flexible schedule options allow you to learn at your own pace, making it perfect for both beginners and experienced developers looking to upskill.



Community: Join a vibrant community of like-minded learners, where you can collaborate, share ideas, and network with peers.

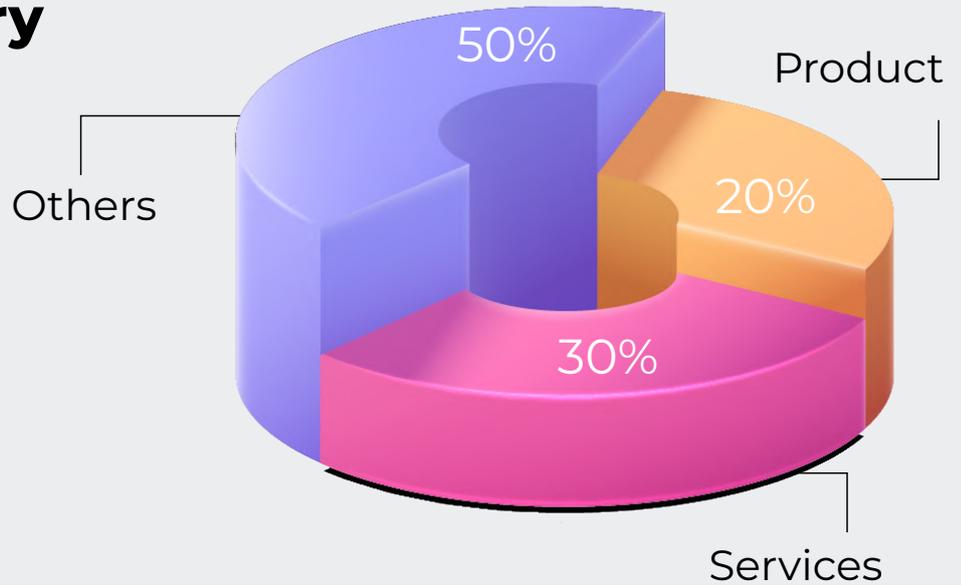
Our Students Are At Reputed Tech Companies



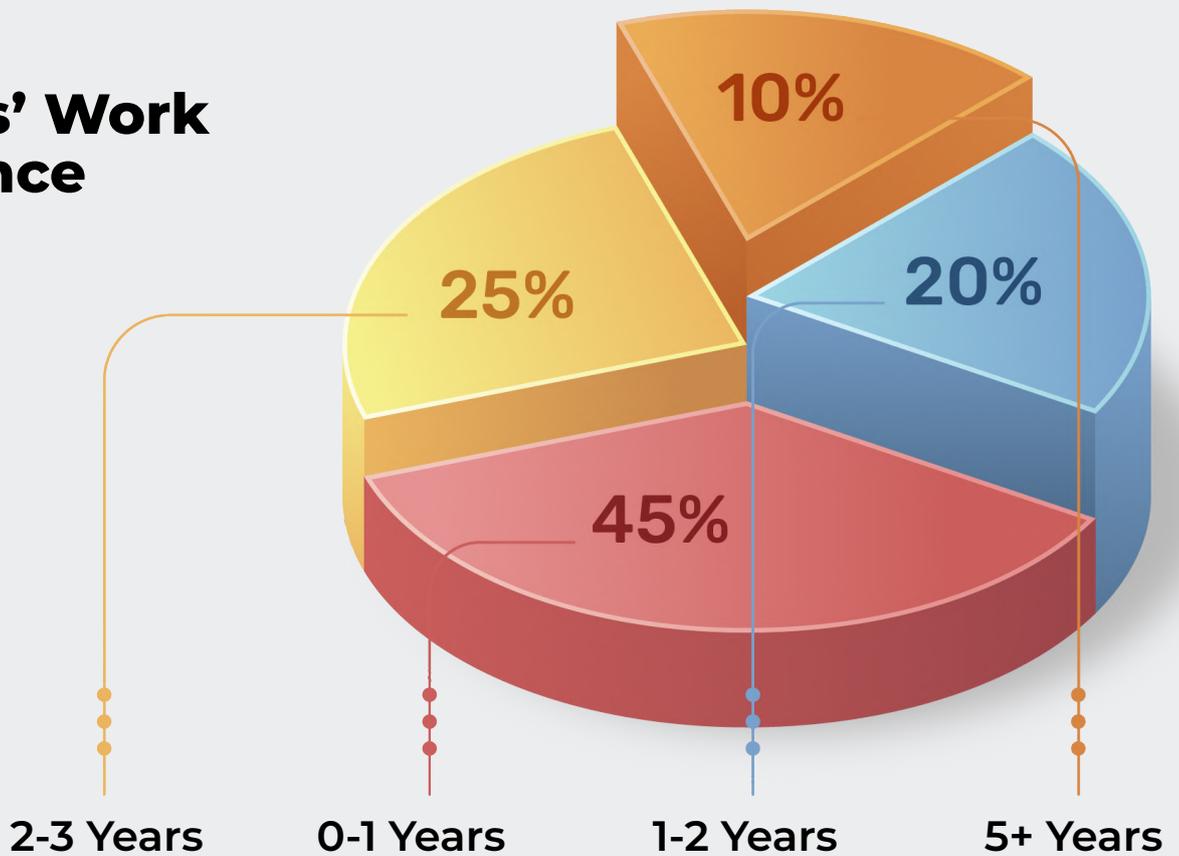
Success is around the corner!

Consider the potential earnings and opportunities that a career in Linux Administrator can offer. With Linux Administrator you'll be well-positioned to secure a job that provides you with a stable

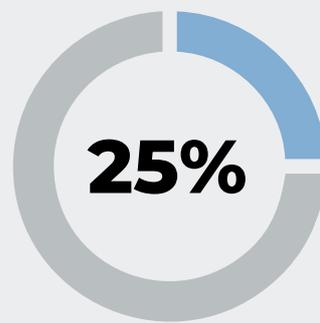
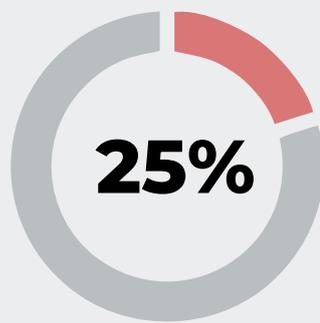
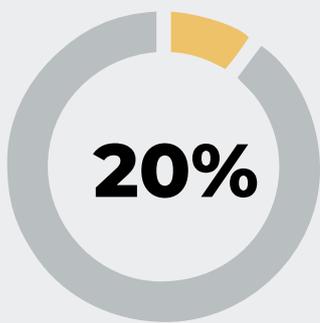
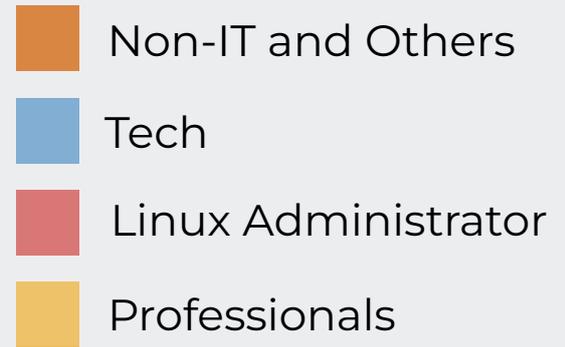
Learners' Industry Background



Learners' Work Experience



Learners' Expertise



Begin Your Journey Towards Better Future:

The global Linux Administrator vacancies will grow by 55% and generate 4 million new jobs by 2030.

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Affordable Training without Compromise:

We understand that pursuing your dreams in Linux shouldn't be a financial burden. That's why we've made affordability a cornerstone of our Linux. We believe that quality education should be accessible to everyone, and we've structured our program to reflect this commitment. Our Linux takes you on an exciting journey but at a substantially low price.

How to become a great Linux ?

- Enroll at **SevenMentor Institute**
- Get hands-on training from **experienced teachers**
- Receive Industry-recognized **Linux Certification**
- Work for leading **MNCs** through our **on-campus interviews**

Success is Just a Call Away!

So if you are ready to code your way to success?
Enroll now at SevenMentor and unlock your potential
as a Linux Administrator . Our counsellors are a call
away and they will be more than happy to talk with
you. Anyday, Everyday, we are there for you!

Request For Call Back



020 7117 3121