SYLLABUS

REDHAT LINUX

2 Months | Classroom & Online Program

WE HELP YOU TO ARCHIEVE
YOUR DREAM CAREER

Rahitech
SOLUTION

About RAHITECH IT SOLUTION and the Program

RAHITECH is a leading company in professional training and staffing, focused on enhancing employability and upskilling working professionals and students through its training programs. The programs are comprehensive and industry-relevant in Software Engineering, Business Management, Business Analytics, Data Science, Machine Learning, Artificial Intelligence, Cloud Computing, Cyber Security, Digital Marketing, Core Engineering Trainings programs for Mechanical, Electrical, Civil Engineers and many more.

Our focus is solving the low employability challenges by offering 100+ 'Campus to Corporate' and 'Next Step Career' programs to Professionals and Students. Through our training programs, we provide custom-trained talent to multiple organizations based on their landscape requirements. We are one of the very few organizations to provide job assurance to professionals.

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We have been partnering with various industry experts for developing our Job Oriented Training Programs, Curriculum Management, Content Development and Training Delivery for Placement Track Programs since last couple of years. RahiTech has the capability and expertize to offer trained resources to SME and MNC with scale in India and Abroad."

VIKAS RASKAR
Director, RahiTech

RAHITECH's Placement Track Program in IT—IMS administration is developed in collaboration with various Industry Experts. This program is focused on empowering professionals to fast track careers in Various IT Technologies. In this 4 Months initiative experiential learning program, learner gets access to 300+ hours of Classroom or online training, practical and live weekend interactive sessions with Mentors and Industry Experts to reinforce their learnings with an industry perspective.

The program is carefully designed to help you become a cross-platform expertise in various technologies like CISCO, Microsoft & Red Hat. Through a combination of expert lectures, demo sessions and hands-on practical labs along with On Job Training Assignments, you will be able to build solutions that the industry expects of you as a Cloud professional.

Basis our Placement Records and Confidence about your placement we offer you a money back policy if you are not placed* for jobs with top employers across Industries in India and abroad.

RED HAT LINUX RHCSA –RHCE
Certification Training

RHCE Certification is also one of the most demanding types, of course, that proves your ability to securely deploy and configure networking services on Linux servers running Red Hat Enterprise Linux. It is also the right option to enhance your knowledge and skill in the areas of Linux system automation and administration. For those who want to give a strong start to their career with a good salary hike and designation in an esteemed organization, pursuing such courses is beneficial in a number of ways. A good scope is visible with secure career growth and good fortune. You have to find the right institution or a company where live training sessions are run.

Roles Perform by Linux System Administrators

A Linux system administrator is responsible for the standard day-to-day administration of Linux servers. This would include, but not be limited to, deployment of a standard LAMP (Linux, Apache, MySQL and PHP) web server configuration, including installing all standard plugins, SSL and configuration.

A Linux system administrator should also be familiar with at least two different Linux distributions. Ideally, one of the Linux distributions should be Redhat Enterprise Linux, the most common distribution used in the corporate world. The second distribution should be one of the Debian based distributions (such as Debian and Ubuntu), since most cloud service providers use some form of Debian for their servers. A typical applicant should have at least three years of experience in day-to-day administration of Linux servers.

In addition to standard setup of Linux servers, a Linux system administrator should be well versed in upkeep of the servers after initial setup. This includes patching (via Yum, Yast, or Apt, as appropriate), security remediation, based on scans and logs, and standard maintenance such as firewall configuration, log rotation, and performance tuning.

Ideally, a Linux system administrator candidate also has some knowledge of supporting technologies for their servers. This would include basic networking knowledge (preferably Cisco or Juniper in regards to hardware), VMware or Hyper-V virtualization, and at least one cloud platform (AWS, Openstack or Azure). The Linux system administrator doesn't need to be an expert in any of these fields, but some basic knowledge of how their Linux server interacts with these supporting technologies helps round out their skillset.

1.0 Exam RH124 - Red Hat System Administration I

- Accessing the Command Line
- Managing Files from the Command Line
- Getting help in Red Hat Enterprise Linux
- Creating, Viewing and Editing Text Files
- Managing Local Linux Users and Groups
- Controlling Access to Files
- Monitoring and Managing Linux Processes
- Controlling Services and Daemons
- Configuring and Securing OpenSSH Service
- Analyzing and Storing Logs

- Managing Red Hat Enterprise Linux Networking
- Archiving and Copying Files Between Systems
- Installing and Updating Software Packages
- Accessing Linux File Systems
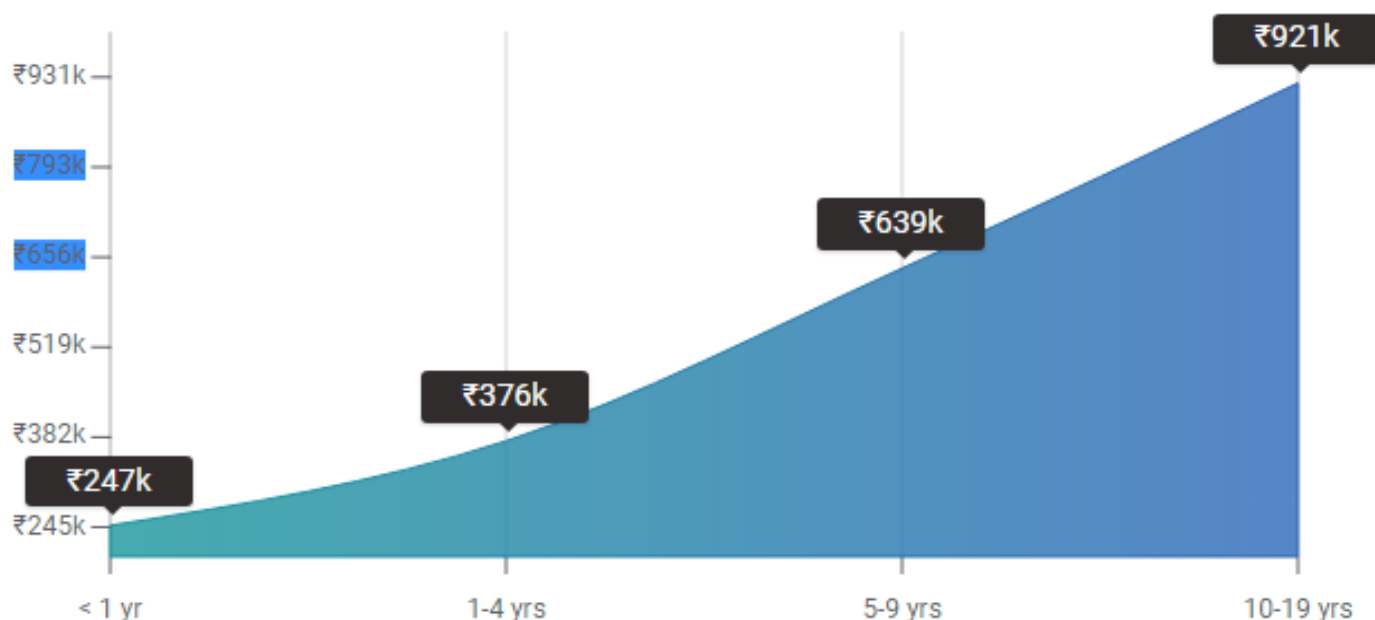- Analyzing Servers and Getting Support

2.0 Exam RH134 - Red Hat System Administration II

- Installing Red Hat Enterprise Linux
- Improving Command Line Productivity
- Scheduling Future Linux Tasks
- Managing Priority of Linux Processes
- Controlling Access to Files With Access Control Lists (ACLs)
- Managing SELinux Security & Storage
- Managing Logical Volume Management (LVM) Storage
- Implementing Advanced Storage Features
- Accessing Network Storage with Network File System (NFS)
- Controlling and Troubleshooting the Red Hat Enterprise Linux Boot Process
- Managing Network Security

3.0 Exam RH294 - Red Hat System Administration III

- Introduction to Ansible
- Deploying Ansible
- Implementing Playbooks
- Managing Variables and Facts
- Implementing Task Control
- Deploying Files to Managed Hosts
- Managing Large Projects
- Simplifying Playbooks with Roles
- Troubleshooting Ansible
- Automating Linux Administration Tasks

SALARY BY EXPERIENCE LEVEL FOR LINUX

WHO IS THIS PROGRAM FOR?

Technical Graduates

B.E / B.TECH / M.E / M.TECH / BCA / BSc / MCA / MSc

Other Graduates

BA / BCom / MA / MCom / BBA / MBA / Diploma / Other Graduates

Working Professionals in following Roles

IT Engineer

Global Helpdesk Executive

Service Desk Executive

IT Assets Executive

Desktop Support Engineer

BPO Professionals

Mechanical Engineers

Electronics & Telecom Engineers

Sales Executives

Relationship Managers

BECOME IT PROFESSIONAL FROM NON IT BACKGROUND

Rahitech has helped 1000+ non IT Professionals to move into IT Industry by bridging the Technology Skill Gap between Professionals and Companies.

Candidates who are Engineers and other Graduates from non IT background seeking a career in IT Industry can also apply.

Fresher from all educational backgrounds can become an IT Professional through our various Training Programs

Our 1000+ Trained Candidates are working in following Companies:

Microsoft · LinkedIn · amazon · L&T Infotech · Tech Mahindra · wipro · tieto EVRY

Capgemini · accenture · TATA · HCL · Infosys · GlobalLogic · Cognizant

IBM · DELL · tcs TATA CONSULTANCY SERVICES · orange · CSC · Quick Heal Security Simplified · CYBAGE Delivering Value. Scientifically. · amdocs · Persistent

ZenSar · Synechron Synergize . Synchronize . Surpass · KPIT Cummins Infosystems Limited · HSBC · FIS · bitwise

Atos · Reliance Industries Limited · FUJITSU · ORACLE · fiserv. · ADP A more human resource.®

SYNTEL Consider IT Done® · 3dPLM Software · Honeywell · XENto · UBISOFT · SUNGARD®

OUR NODES LOCATIONS

PUNE	MUMBAI	NAGPUR	NASHIK

AURANGABAD	JALGAON	KOLHAPUR	BARAMATI

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