

# **Training Program**

# Red Hat Certified Engineer (RHCE EX294)









# **About Program**







Our course content has been specifically designed to turn you into a skilled professional in this industry. As a part of your certification training, you will receive enough study material and recorded video sessions that will help you cover all the latest trends and features in this course. The training session will comprise important sections, features, advantages, and scope of the technology in the coming years. Moreover, our qualified trainers will help you imbibe all the required skills, and information in a much better manner to help you in you becoming an expert in this technology. Post the completion of your course, you will receive a training certificate recognized world-wide.

# What Make Us Tick



#### **Career-oriented Sessions**

Attend 25+ career-oriented sessions by industry mentors and prepare your career trajectory



### **Mock Interview Preparation**

Prepare with mock interviews including most asked questions by top employers



## **Dedicated Job Portal Access**

Get exclusive access to 100s of job postings per month on Croma Campus Intellipaat's job portal



## **Profile Building**

Craft a resume and LinkedIn profile and make an impression on top employers



#### 1:1 Mentoring Sessions

Get 1:1 guidance at every step in your career transition to respective Technology



#### **Guaranteed interviews**

Get job interviews with 400+ hiring partners including promising startups and top MNCs

# Red Hat Certified Engineer (RHCE EX294) Training Curriculum

# Red Hat System Administration I

- Get started with Red Hat Enterprise Linux
   Describe and define open source, Linux distributions, and Red Hat Enter prise Linux.
- Access the command line
   Log into a Linux system and run simple commands using the shell.
- Manage files from the command line
   Copy, move, create, delete, and organize files while working from the bash shell.
- Get help in Red Hat Enterprise Linux
   Resolve problems by using local help systems.
- Create, view, and edit text files
   Manage text files from command output or in a text editor.
- Manage local users and groups
   Create, manage, and delete local users and groups, as well as administer local password policies.
- Control access to files
   Set Linux file system permissions on files and interpret the security effects of different permission settings.
- Monitor and manage Linux processes
   Evaluate and control processes running on a Red Hat Enterprise Linux system.
- Control services and daemons
   Control and monitor network services and system daemons using systemd.
- Configure and secure SSH
   Configure secure command line service on remote systems, using
   OpenSSH.
- Analyze and store logs
   Locate and accurately interpret logs of system events for troubleshooting purposes.
- Manage networking
   Configure network interfaces and settings on Red Hat Enterprise Linux servers.
- Archive and transfer files

- Install and update software
   Download, install, update, and manage software packages from Red Hat and yum package repositories.
- Access Linux files systems
   Access, inspect, and use existing file systems on storage attached to a Linux server.
- Analyze servers and get support
   Investigate and resolve issues in the web-based management interface,
   getting support from Red Hat to help solve problems.
- Comprehensive review
- Review the content covered in this course by completing hands-on exercises.

# Red Hat System Administration II

- Improve command line productivity
   Run commands more efficiently by using advanced features of the Bash shell, shell scripts, and various utilities provided by Red Hat Enterprise Linux.
- Schedule future tasks
   Schedule commands to run in the future, either one time or on a repeating schedule.
- Tune system performance
   Improve system performance by setting tuning parameters and adjusting scheduling priority of processes.
- 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.
- Manage SE Linux security
   Protect and manage the security of a server by using SE Linux.
- Manage basic storage
   Create and manage storage devices, partitions, file systems, and swap spaces from the command line.
- Manage logical volumes
   Create and manage logical volumes containing file systems and swap spaces from the command line.
- Implement advanced storage features

Manage storage using the Straits local storage management system and use VDO volumes to optimize storage space in use.

Access network-attached storage
 Use the NFS protocol to administer network-attached storage.

Control the boot process

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

Manage network security

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

Install Red Hat Enterprise Linux
 Install Red Hat Enterprise Linux on servers and virtual machines.

Run Containers

Obtain, run, and manage simple, lightweight services as containers on a single Red Hat Enterprise Linux server.

# Red Hat Linux Automation with Ansible

Introduce Ansible
 Describe Ansible concepts and install Red Hat Ansible Engine.

Deploy Ansible

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

• Implement playbooks

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

• Manage variables and facts

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

Implement task control

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

Deploy files to managed hosts

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

Manage large projects

Write playbooks that are optimized for larger, more complex projects.

Simplify playbooks with roles

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

- Troubleshoot Ansible
   Troubleshoot playbooks and managed hosts.
- Automate Linux administration tasks
   Automate common Linux system administration tasks with Ansible.

# e-Learning through LMS

# Learning Management System

Our LMS (LearnPitch) is for the administration, documentation, tracking, reporting, automation, and delivery of educational courses, training programs, or learning and development programs.

Our LMS has been designed to identify training and learning gaps, using analytical data and reporting to keep you up with the class activities.

# Key Features Learning Management System



Live Sessions with Class recordings



Get study material with Assignments.



Track your curriculum covered.



Track your class wise attendance



Share your feedback for Trainer & Training



Get your Training
Certificate from LMS



# **Training Certification**

# Earn Your Certificate

Your certificate and skills are vital to the extent of jump-starting your career and giving you a chance to compete in a global space.



# Croma Campus! Reviews



"The most rewarding part of my experience has been achieving a prestigious certification in the subject that I love. Moreover, the training offered out by the specialists are of world-class and prepares out the students for corporate world. For me Croma Campus means a lot"

# "By The Students For The Students,

# Your Success Is Our Story



#### Rharat

I am fully satisfied with the excellent training services received by the expert staff at Croma Campus. I want to thank Croma Campus for providing me with the most innovative and affordable training services for learning all the software testing procedures and guidelines.



#### **Ankit**

It was a lifetime experience for me to get trained by IT Experts of Croma Campus. What I liked most about the training was the consistent high-quality education, which was friendly and co-active. The placement department was also proactive, they keep me updated regarding new job opportunities and provide the grooming session to crack the interview. At last, I would like to thank all faculty members of Croma Campus for their immense help and support.



#### Nitesh

Without any second thought, I will give Croma Campus 10/10. Their placement department is highly proactive. I remember they started scheduling interviews for me from the very next day when I told them my course has been completed. These people are doing a phenomenal job and I highly recommend Croma Campus to everyone.



#### **Shams Khan**

Croma Campus is doing a phenomenal job in the IT training industry. The reason why I decided to join their training program was that they provide quality training at very a nominal price. Plus, the online training mode was also a factor due to which I decided to join the training program of Croma Campus as I didn't want to attend physical classes.











# **Meet Our Team**





#### Sales Team

Our Sales team is highly passionate, emphatic, positive attitude, great listening skills, ability to deliver quick solutions, and they are multitasker too. Our team always remains up-to-date about all the latest technologies and market trends. With effective communication skills, they always work to deliver the right information to customers when it is needed.

#### **Product Team**

Our product team is highly functional and collaborative working together to achieve the common outcome of designing exceptional digital experiences. Each of our members is a contributor to help us achieve success in long-run. Sitting at the high-end of technology and innovation, team helps to deliver high-end customer experiences and always comes out with a big idea as a game-changing plan.





# **Marketing Team**

Our Marketing team works as gladiators and helps us to achieve business success in all possible ways. They are included in almost everything either it is building a brand, creating brand awareness, promoting products or services, delivering trailblazing customer experiences or increasing engagement at public forums. They are the true backbone of the Company.

#### **Content Team**

Our content team is responsible for ideation, creation, optimization, and distribution of content throughout the company. The team always starts its work with a strategy, how to create high-quality contents, and how to promote or share the content. Our in-house content team help us to produce all types of contents either they are educational content pieces, marketing content, SEO content, or any other forms too.





#### **Customer Access Team**

This is the team that has actually been taken up us from reactive state to a pro-active state. The team utilizes high-valued solutions to satisfy customers in all possible ways. It is truly said that no company can succeed if your customers are not satisfied. And our customer success team is dedicatedly working to keep all the customers satisfied and we always consider our customer feedback on priority.

#### **HR Team**

Our HR team is committed to provide high-end solutions to employees as they require. Our HR team has the right skills and knowledge to make sure that the HR department can always be legally and strategically successful. They know how to keep employees motivated all the time with the best HR policies and fun activities too from time to time.



# Glimpse Of Our Office

# Look Who We are

Our office's infrastructure comprises all the necessary software and network resources that are required to deliver IT & Design, Human Resources, Digital Marketing, and training services.

We are well-equipped with bright designed work bays for employees and managers having separate cabins with spacious cafeteria and training classrooms.

















# **About Croma Campus**

# Our Mission is to Build Nation through Education & Beyond Limitation.

Croma Campus Training & Development Private Limited is an education platform providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty, industry & Infrastructure. In the past 12 years we have trained 18000+ candidates and out of which we are able to place 12000+ professionals in various industries successfully.



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