

# Red Hat Linux Automation with Ansible

Automate Enterprise Linux with Ansible

**Red Hat Certified Engineer (RHCE)**

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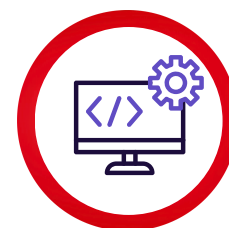
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# ABOUT US

CubenSquare drives digital transformation by delivering expert IT solutions across industries, including banking, retail, healthcare, logistics, and more. Specializing in Red Hat OpenShift, cloud-native technologies, DevOps automation, and AI innovations, we help businesses modernize operations, enhance customer experiences, and accelerate growth.

From IT support and consulting to custom software development and corporate training, CubenSquare is your trusted partner for seamless integration of intelligent technologies. We enable organizations to harness AI, automation, and scalable cloud platforms —empowering them to thrive in an evolving digital landscape.

## Core Business Units



**Software Development:** Designing and developing scalable, secure, and high-performance software solutions.



**IT Consultation :** Advisory and modernization consulting for enterprises navigating digital transformation.



**IT Support Services :** Comprehensive managed services ensuring performance, security, and business continuity.



**IT Training & Certification :** Hands-on training in DevOps, Cloud, RedHat, Cybersecurity, and AI to build real-world skills.



## The Training (AU294)

- Build automation skills using Ansible
- Develop reusable playbooks and roles
- Automate system administration tasks
- Configure services through automation

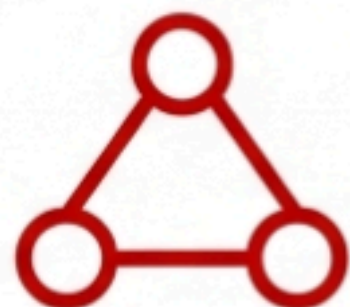
## The Validation (EX294 – RHCE)

- 3-hour performance-based exam
- Hands-on automation tasks in a real RHEL environment
- No internet access allowed
- Official documentation is provided

**Validate enterprise Linux automation expertise with the RHCE credential.**

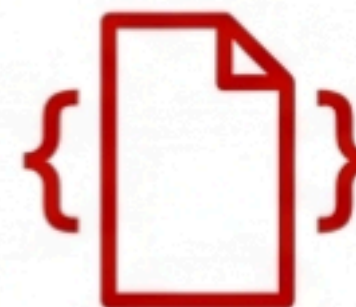


# Core Automation Skills



## Automation Fundamentals

Understand Ansible architecture and workflow dynamics.



## Playbook Development

Create structured, reusable automation scripts.



## Configuration Management

Automate users, services, networking, and storage provisioning.



## Enterprise Scaling

Manage automation across multiple systems securely and efficiently.

Deliver consistency, speed, and reliability through automation.

# Red Hat Enterprise Linux Automation with Ansible

RH294

EX294



Red Hat



Red Hat Certified Engineer

## COURSE OVERVIEW

Red Hat Linux Automation with Ansible teaches you how to automate system administration tasks using Ansible. The course emphasizes real-world automation, from writing playbooks to managing complex deployments. It prepares you for enterprise-level automation and for the Red Hat Certified Engineer (RHCE) exam.

This course is geared toward Linux system administrators, DevOps engineers, Site Reliability Engineers, infrastructure automation engineers, and developers who are responsible for repeatable tasks

### Key Learning Outcomes:

- ✓ Automate Linux system administration tasks with Ansible.
- ✓ Write effective playbooks and roles for complex workflows.
- ✓ Scale automation across enterprise environments.

## COURSE DETAILS

Course Name

Red Hat Enterprise Linux Automation with Ansible

Duration

5 Days (40 Hours)

Format

Instructor-Led with Hands-On Labs

Level

Beginner

Included

- ✓ Red Hat Ebook
- ✓ Certification Exam
- ✓ 1 Exam Retake\*

*\*Terms and conditions apply.*





## Course Outline

Learn essential Red Hat Enterprise Linux configuration, administration, and maintenance in a condensed format designed for experienced Linux system administrators.

- An introduction to Ansible
- Developing Automation Content: Variables
- Developing Automation Content: Deploying Files
- Reusing Code with Ansible Roles and Content Collections
- Developing automation content
- Developing Automation Content: Task Control
- Developing Automation Content at Scale
- Automate Linux administration tasks

## CERTIFICATION EX294



Red Hat Certified Engineer

|          |                    |
|----------|--------------------|
| Format   | Hands-on Lab Exam  |
| Duration | 3 Hours            |
| Retake   | 1 Exam Retake FREE |

★ Contributes to RHCA Path

## WHO SHOULD ATTEND

- ✓ Linux Administrators seeking automation skills
- ✓ DevOps & SRE Engineers implementing automated workflows
- ✓ Platform & Cloud Engineers managing large infrastructures
- ✓ Professionals preparing for RHCE (EX294)

### Standard

- The exam is a performance based evaluation of candidates
- No Internet Access, no notes, Real world tasks only

# Preparation Strategy



**The Golden Rule:** Attendance in class does not guarantee success. Experience is key.

1. **Attend RH294:** For structured, hands-on learning of the syllabus.
2. **Hands-on Practice:** Focus on the “Study Points” (Multus, OADP, Live Migration) in a lab environment.
3. **Review Objectives:** Ensure familiarity with every task listed in the official **EX294** objectives.



**Note:** Internet access is NOT provided during the exam. Memorize the workflows, not the commands.

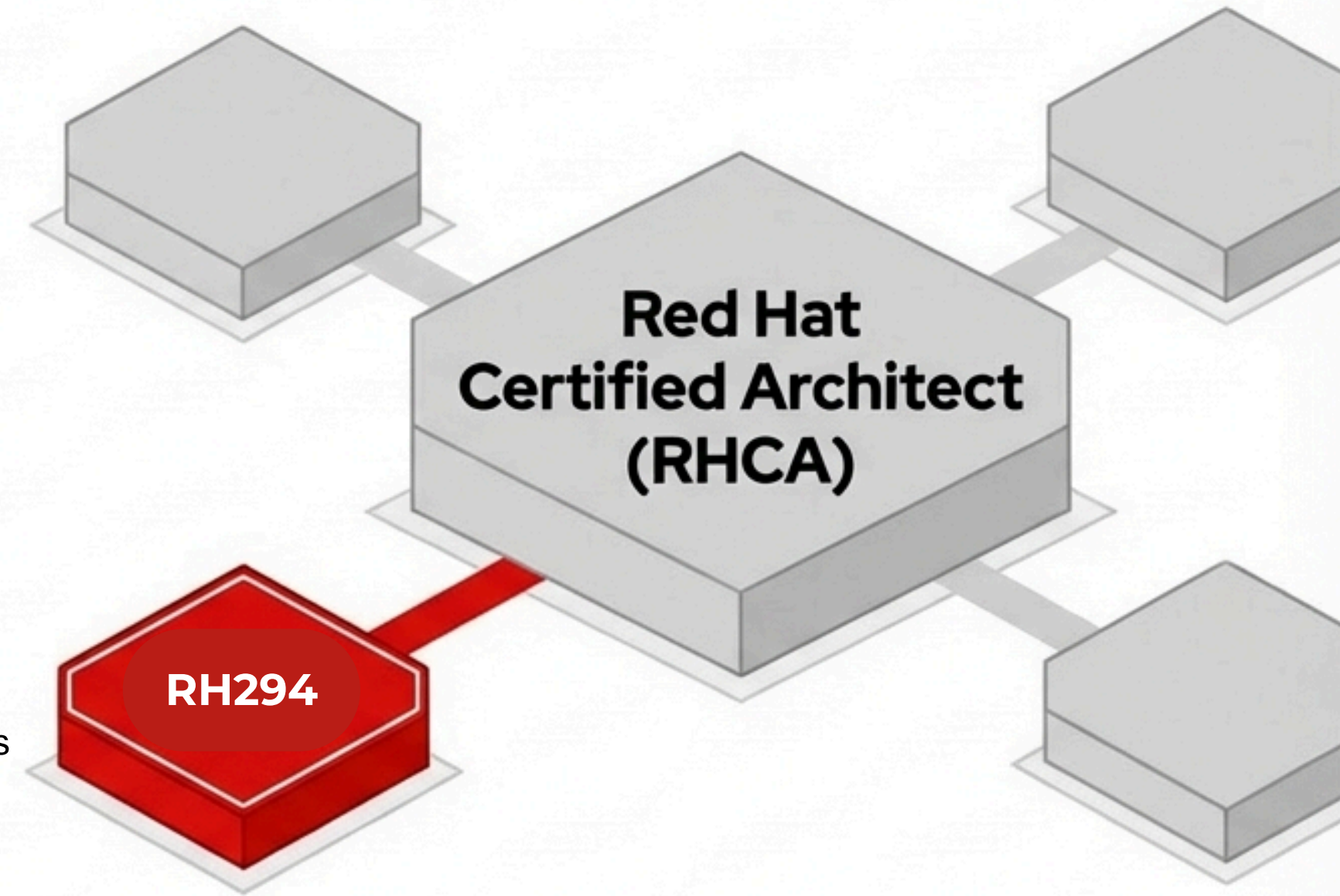




# The Career Advantage

- ✓ Master automation skills required for modern infrastructure teams
- ✓ Validate expertise with the RHCE automation certification
- ✓ Enable higher productivity and consistency via automated processes
- ✓ Strengthen your path toward advanced Red Hat credentials

Relevant Roles : Linux Engineer | Senior System Administrator | DevOps Engineer | Automation Engineer



Requirements:  
Achieve RHCE + any 5 Specialist certifications

## Why Choose CubenSquare

- ✓ **Instruction by Red Hat Certified Architects:**  
Delivered by Redhat Certified Architect and Redhat Certified Professionals
- ✓ **End-to-End Delivery Expertise:** Our knowledge is built on real-world consulting, implementation, and migration projects.
- ✓ **Combined Training + Implementation Capability:** We don't just teach the theory; we actively build and manage OpenShift platforms.
- ✓ **Intense Hands-On Lab Focus:** We emphasize practical skills that your team can apply immediately.
- ✓ **Post-Training Support and Mentoring:** We provide ongoing guidance to ensure your team's success after the course.



# REAL-WORLD CASE STUDIES

Success Stories & Next Steps



## Enterprise Automation Deployment

A managed services firm automated routine server provisioning with Ansible — reducing deployment time by 60%.



## DevOps Workflow Standardization

A retail company standardized CI/CD infrastructure automation using Ansible roles, improving release reliability.



## Cloud Configuration Management

An IT team automated hybrid cloud configurations, improving compliance and audit readiness.

## READY TO START?

Advance your Career with Redhat Ansible



Enroll in RH294



Get EX294 Certified



Build Your Future



# Redhat Certification Roadmap

## Phase 1

### RHCSA

System Administrator

Red Hat System Admin

**RH199 | EX200**

Skills: Linux fundamentals, users, storage, networking



## Phase 2

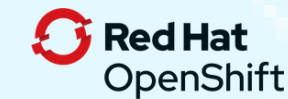
### Openshift Admin

Core Administrator

Red Hat OpenShift Administrator II

**DO280 | EX280**

Skills: Cluster admin, security, networking, storage



## Phase 3

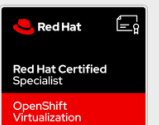
### Virt Specialization

Virt & Multicloud

#### Virt Specialisation

Skills: Run VMs on OpenShift

**EX316**



### RHCE

Certified Engineer

Red Hat Enterprise Linux Automation with Ansible

**RH294 | EX294**

Skills: Ansible automation, configuration management



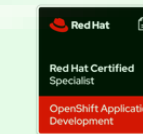
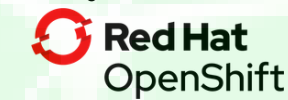
### Application Developer

Openshift Developer

Red Hat Certified OpenShift Application Developer

**DO288 | EX288**

Skills: Advanced builds & deployments, runtime config, app lifecycle



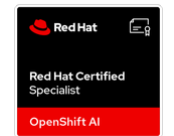
### AI Specialist

AI

Red Hat Certified Specialist in OpenShift AI

**AI267 | EX267**

Skills: AI/ML workloads on OpenShift



### Containers & Kubernetes Specialist

Specialist

Red Hat OpenShift I – Containers & Kubernetes

**DO188 | EX188**

Skills: Podman, images, containers



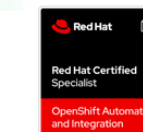
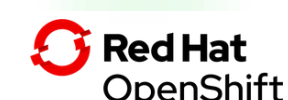
### Automation Specialist

Integration

Red Hat OpenShift Administrator III

**DO380 | EX380**

Skills: GitOps, pipelines, CI/CD automation



### RHCA

Red Hat Certified Architect

#### Requirements:

Achieve RHCE + any 5 Specialist certifications





# Support from CubenSquare

We're with you at every step of your learning journey



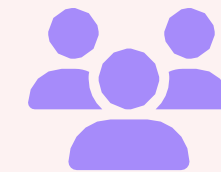
## Mentoring

Personal guidance from industry experts who help you overcome roadblocks and accelerate your learning



## Mock Interview

Resume building, interview preparation, and MOCK interviews



## Job Assistance

Every Friday  
CubenSquare team will share a job links through WhatsApp and email



## Live Doubt-Solving

Real-time support sessions to clear your technical doubts and solve coding challenges instantly

# RHCE (LINUX + ANSIBLE)

Red Hat System Administration III: Linux Automation

| FEATURES                                                                                              | RH294<br>STANDALONE COURSE         | RH294LS<br>LEARNING SUB | RHLS Standard<br>SUBSCRIPTION | RHLS Premium<br>FULL ACCESS + LIVE  |
|-------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------|-------------------------------|-------------------------------------|
|  Subscription Length | 5 Days                             | 1 Year                  | 1 Year                        | 1 Year                              |
|  Access Scope        | Single Course                      | Single Course           | Full Red Hat Catalog          | Full Red Hat Catalog                |
|  Delivery Method   | Live Instructor-led<br>CubenSquare | Recorded                | Self-paced                    | Self-paced + Live<br>Instructor-led |
|  Hands-on Labs     | ~45 Hours                          | 100 Hours               | 400 Hours                     | 400 Hours                           |
|  Exam Attempts     | 1 Exam + 1 Retake                  | 2 Attempts              | 5 Exams + 5 Retakes           | 5 Exams + 5 Retakes                 |
|  Tech Coverage     | RHEL + Ansible                     | RHEL + Ansible          | Full Red Hat Stack            | Full Red Hat Stack                  |



# RHCSA



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[cubensquare.com](http://cubensquare.com)

Contact us to schedule a consultation or **book your team's training session.**