

# **RHCE-EX294**

**RedHat Certified Engineer Exam Cert  
Complete Course**

# Introducing Exam Objectives and Exam Format

- On the exam, You are expected to perform different System Administration related tasks using Ansible. So as a prerequisite you must be very familiar with RHCSA Objectives and must know different commands used for configuring RedHat Linux System.
- You will be working with multiple systems and you will be asked to Install and configure Ansible control node and then use this to perform different tasks on remote machines called managed hosts.
- Exam is based on RedHat Linux 8 and Ansible Engine 2.8.

For more details, you can visit Red hat website,

<https://www.redhat.com/en/services/training/ex294-red-hat-certified-engineer-rhce-exam-red-hat-enterprise-linux-8?section=Overview>

EX294

## Red Hat Certified Engineer (RHCE) exam for Red Hat Enterprise Linux 8

Overview

Objectives

What you need to know

# Introducing Ansible

- Ansible is an Open source IT automation tool developed to configure multiple systems, deploy software, and orchestrate more advanced IT tasks such as continuous deployments or zero downtime rolling updates.
- Ansible is written in Python. Ansible modules can be written in Python, Perl and in some other languages.
- Main goal of Ansible is simplicity and ease of use. Ansible playbooks are written in YAML which can be understood by one even not much familiar with language.
- Ansible uses Open SSH as transport and It is very secure and reliable.
- Due to simplicity, Ansible can be used by wide variety of departments to manage small setup of hosts to thousands of instances.
- Ansible manages machines in agent-less manner. Ansible modules are transferred to remote machines to set the desired states and they return JSON output on Ansible control node. No program is installed on remote machines.
- Ansible does not use any resource on remote machine when doing nothing.

# Ansible in Action Diagram

