

Price \$4,280.00 Duration 5 Days

Delivery Methods VILT, Private Group



Red Hat System Administration III: Linux Automation (RH294) is designed for Linux® system administrators and developers who need to automate provisioning, configuration, application deployment, and orchestration.

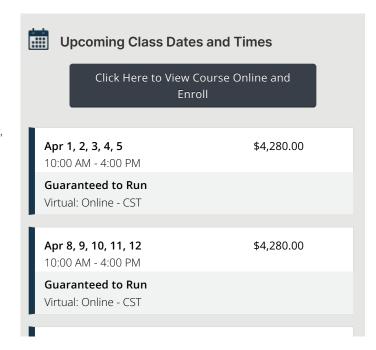
Who Should Attend

This course is geared toward Linux system administrators, DevOps engineers, infrastructure automation engineers, and systems design engineers who are responsible for these tasks: Automating configuration management, ensuring consistent and repeatable application deployment, provisioning and deployment of development, testing, and production servers, integrating with DevOps continuous integration/continuous delivery workflows.

Course Objectives

You will learn:

- How to install and configure Ansible® on a management workstation
- Prepare managed hosts for automation
- Write Ansible Playbooks to automate tasks
- Run playbooks to ensure servers are correctly deployed







and configured.

Agenda

1 - INTRODUCE ANSIBLE

 Describe Ansible concepts and install Red Hat Ansible Engine.

2 - DEPLOY ANSIBLE

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

3 - IMPLEMENT PLAYBOOKS

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

4 - MANAGE VARIABLES AND FACTS

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

5 - IMPLEMENT TASK CONTROL

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

6 - DEPLOY FILES TO MANAGED HOSTS

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

7 - MANAGE LARGE PROJECTS

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

8 - SIMPLIFY PLAYBOOKS WITH ROLES

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

9 - TROUBLESHOOT ANSIBLE

Troubleshoot playbooks and managed hosts.

10 - AUTOMATE LINUX ADMINISTRATION TASKS

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 Automate common Linux system administration tasks with Ansible.

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