



## **Red Hat System Administration III: Linux Automation with Ansible**

### **Course description**

Red Hat System Administration III:

Linux Automation with Ansible (RH294) is designed for Linux® system administrators and developers who need to automate provisioning, configuration, application deployment, and orchestration. You will learn how to install and configure Ansible® on a management workstation; prepare managed hosts for automation; write Ansible Playbooks to automate tasks; and run playbooks to ensure servers are correctly deployed and configured. This course is based on Red Hat® Enterprise Linux 8 and Red Hat® Ansible Engine 2.8.



## Outline for this course

### **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 playbook 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.