

## RH294

# Red Hat Enterprise Linux Automation with Ansible (RH294)

- **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.
- **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.