

Red Hat Certified Specialist in Ansible Network Automation

Course Outline

Introducing Red Hat Ansible Automation Platform

- Describe the fundamental concepts of Ansible and how it is used, and install development tools from Red Hat Ansible Automation Platform.

Implementing an Ansible Playbook

- Create an inventory of managed nodes, write a simple Ansible Playbook, and run the playbook to automate tasks on those nodes.

Managing and Running Playbooks

- Manage automation code in version control and run Ansible Playbooks from a centrally managed automation controller.

Managing Variables and Facts

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

Implementing Task Control

- Manage task control and task errors in Ansible Playbooks.

Simplifying Playbooks with Roles and Ansible Content Collections

- Use Ansible Roles and Ansible Content Collections to develop playbooks more quickly and to reuse Ansible code.

Automating Network Automation Tasks

- Automate common network administration tasks, discussing recommended practices and approaches to cross-vendor automation.

Comprehensive Review

- Demonstrate skills learned in this course by installing, optimizing, and configuring Ansible for the management of network devices and infrastructure.