

Red Hat Certified Specialist in Advanced Automation Ansible



Online Course

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Red Hat Certified Specialist in Advanced Automation Ansible

Course Modules

1. Understand and use Git

- o Clone a Git repository
- o Update, modify and create files in a Git repository
- o Add those modified files back into the Git repository

2. Manage inventory variables

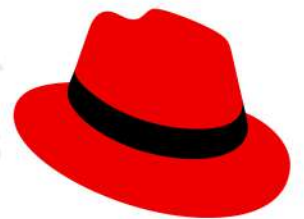
- o Structure host & group variables using multiple files per host
- o Use special variables to override the host, port, or remote
- o Set up directories containing multiple host variable files
- o Override the name used in the inventory file with a different name

3. Manage task execution

- o Control privilege execution
- o Run selected tasks

4. Transform data with filters and plugins

- o Populate variables with data from external sources
- o Use lookup and query functions to template data from external sources into playbooks and deployed template files
- o Implement loops using structures other than simple lists
- o Inspect, validate, and manipulate variables



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Course Modules

5. Delegate tasks

- o Run a task for a managed host on a different host,
- o Then control whether facts gathered by that task

6. Install Ansible Tower

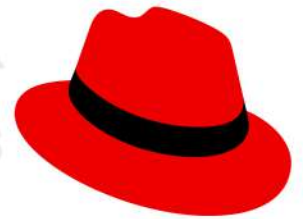
- o Perform basic configuration of Ansible Tower after config
- o Create Ansible Tower users and teams and make associations

7. Manage inventories and credentials

- o Manage advanced inventories
- o Create a dynamic inventory from an identity mgmt server
- o Create machine credentials to access inventory hosts
- o Create a source control credential

8. Manage projects

- o Create a job template
- o Create a job workflow template
- o Write an API scriptlet to launch a job
- o Back up an instance of Ansible Tower



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in terms of time management,
flexibility, and the ability
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