

# **Red Hat Certified Specialist in Developing Automation with Ansible Automation Platform**

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# **Online Course**



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## Course Modules

### 1. Understand and use Git

- Clone a Git repository
- Create, modify and push files in a Git repository



### 2. Manage inventory variables

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

### 3. Manage task execution

- Control privilege execution
- Run selected tasks from a playbook

### 4. Transform data with filters and plugins

- Populate variables with data from external sources
- Incorporate data from ES into playbooks & deployed template
- Implement loops using structures other than simple lists
- Inspect, validate, and manipulate variables

### 5. Delegate tasks

- Run a task for a managed host on a different host
- Control whether facts gathered





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## 6. Manage content collections

- Create a content collection
- Install a content collection
- Publish a content collection



## 7. Manage execution environments

- Build an execution environment
- Run playbooks in a execution environment
- Upload execution environments into automation hub
- Using execution environments in automation controller

## 8. Manage inventories and credentials

- Manage advanced inventories
- Dynamic inventory from an identity management server
- Create machine credentials to access inventory hosts
- Create a source control credential

## 9. Manage automation controller

- Run playbooks in automation controller
- Pull content into automation controller from either Git
- Pull an execution envmt frm autmtn hub & run a playbook it

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