

**Day - 1**

- **Install Red Hat Ansible Automation Platform**

- Explain what Red Hat Ansible Automation Platform is and perform a basic installation of automation controller and automation hub.

- **Manage user access**

- Create user accounts and organize them into teams/groups in automation controller and automation hub, and assign them permissions to administer and access resources in each service.

- **Manage inventories and machine credentials**

- Create inventories of machines to manage, and configure credentials necessary for automation controller's execution nodes to log in and run Ansible jobs on those systems.

- **Manage projects and launch Ansible jobs**

- Create projects and job templates in the web UI, using them to launch Ansible Playbooks that are stored in Git repositories, in order to automate tasks on managed hosts.

- **Configure advanced job configuration**

- Configure advanced features of automation controller in order to more effectively and efficiently implement jobs

- **Manage projects and launch Ansible jobs**

- Create projects and job templates in the web UI, using them to launch Ansible Playbooks that are stored in Git repositories, in order to automate tasks on managed hosts.

## Day - 2

- **Manage advanced inventories**
  - Manage inventories that are generated dynamically from scripts or the automation controller smart inventory feature.
- **Automate configuration of Ansible Automation Platform**
  - Automate the configuration and deployment of Red Hat Ansible Automation Platform services by using Ansible Content Collections, the automation controller API, and Git webhooks.
- **Maintain Red Hat Ansible Automation Platform**
  - Perform routine maintenance and administration of Red Hat Ansible Automation Platform.
- **Get insights into automation performance**

Get information from Red Hat Insights for Red Hat Ansible Automation Platform to evaluate the performance of your Ansible automation and identify possible ways to improve it.

## Day - 3

- **Build a large scale Red Hat Ansible Automation Platform deployment**
  - Use high availability techniques and automation mesh to scale up your Red Hat Ansible Automation Platform deployment.
- **Comprehensive review**
  - Demonstrate skills learned in this course by configuring private automation hub and by configuring and operating a new organization in automation controller using a provided specification, Ansible projects, and hosts to be provisioned and managed.