



## DO380 - Developing Advanced Automation with Red Hat Ansible Automation Platform

- **Develop Playbooks with Ansible Automation Platform 2**
  - Develop Ansible Playbooks with Red Hat Ansible Automation Platform 2 following recommended practices.
- **Manage Content Collections and Execution Environments**
  - Run playbooks that use content collections not included in ansible-core, either from an existing execution environment or by downloading them from the automation hub.
- **Run Playbooks with Automation Controller**
  - Explain what an automation controller is and use it to run playbooks that you developed with automation content navigator.
- **Work with Ansible Configuration Settings**
  - Examine and adjust the configuration of Ansible and automation content navigator to simplify development and to troubleshoot issues.
- **Manage Inventories**
  - Manage inventories by using advanced features of Ansible.
- **Manage Task Execution**
  - Control and optimize the execution of tasks by Ansible Playbooks.
- **Transform Data with Filters and Plugins**
  - Populate, manipulate, and manage data in variables using filters and plugins.
- **Coordinate Rolling Updates**
  - Use advanced features of Ansible to manage rolling updates in order to minimize downtime and to ensure maintainability and simplicity of Ansible Playbooks.
- **Create Content Collections and Execution Environments**
  - Write your own Ansible Content Collections, publish them, embed them in a custom execution environment, and run them in playbooks by using an automation controller.



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