DO007

Ansible Basics: Automation Technical Overview

Duration: 2 Days

Course description

Create, scale, and manage automation with Red Hat Ansible Automation Platform

Ansible Basics: Automation Technical Overview (DO007) is a series of on-demand, online videos that introduce you to the Red Hat Ansible Automation Platform. Learn configuration management, provisioning, deploying, and managing compute infrastructure across cloud, virtual, and physical environments with Ansible.

Outline for this course

Course overview: What you can expect to learn in this Technical Overview

Ansible introduction: The benefits of the Ansible Automation Platform

Creating automation: Understanding how Ansible works

Ansible basics: Using Ansible inventories, main Ansible config file, and modules

Playbook basics: Using Ansible plays, tasks and modules, and playbook runs

Ansible variables: Understanding variables, debug module, Ansible facts

Ansible constructs: Using conditionals, handlers, loops

Templating: Building templates, template module, Jinja2

Roles: Understanding what roles are and what they look like, and using Galaxy and Automation Hub

Introduction to automation controller: Operationalizing your automation

Building an automation job: Understanding inventories, credentials, syncing a project, and building a job template

Self-Service IT: Using surveys and building a job template

Role-based access control: Setting access controls for organizations and teams

Workflows: Using workflow visualizer and understanding convergence and divergence
Next steps: Where to learn more about Ansible