

Red Hat Linux Automation with Ansible

Duration: 4 Days

Description

Red Hat Ansible is an open-source automation tool used to automate tasks such as automation, configuration management, and application deployment, and is simple, powerful, and easy to learn. Ansible is compatible with Linux and other operating systems. Basically, Ansible works through Playbooks, which is an open-source language written in a file format called "YAML". These playbooks are used to define various tasks, such as system configuration, application deployment, security settings, network configuration, and more.

This course teaches you how to use Ansible for automation and configuration management on Red Hat Enterprise Linux.

Participants will have the following skills:

- Ansible fundamentals and architecture
- Ansible installation and configuration
- Creation of Ansible playbooks
- Ansible roles and modules
- Use of interfaces such as Ansible Tower or AWX
- Infrastructure management and automation with Ansible

Outline

Introduction to Ansible

Implement an Ansible playbook

Manage variables and facts

Implement task control

Deploy files to managed hosts

Manage complex plays and playbooks

Simplify playbooks with roles

Troubleshoot Ansible

Automate Linux administration tasks

Prerequisites

Red Hat Linux Administration Level II