Ansible 101 – Essentials

Price: 2695

Duration:

Delivery Methods: Virtual

Overview

Ansible is a powerful IT automation engine used to accelerate DevOps initiatives. It's an open-source tool that executes repetitive network and system admin tasks. Ansible is used to bring structure and consistency to system deployments, implementations, and changes.

Course Objectives

- Overview of Ansible and critical modules
- AI LLM prompt engineering for generating Ansible solutions
- Ansible collections for content delivery
- Building roles for code reuse
- YAML formatting
- Playbook construction and order of execution
- Jinja2 templating
- Static and Dynamic inventory management
- Credential Management and Encryption with Vault
- Finding solutions on Ansible Galaxy
- Version controlling code with Git

Who Should Attend

- DevOps Engineers
- System and Cloud Administrators
- Network Engineers and Developers
- Python Developers

Course Prerequisites

There are no prerequisites for this course.

Agenda

Ansible Introduction

Installation

Ansible Static Inventory

Ansible Tower / AWX

Roles and Ansible Galaxy

YAML

Ansible Ad hoc commands

Writing a Simple Playbook

Ansible config file and directory structure

Playbook Best Practices

Ansible config file and directory structure

Server Modules to Know

Jinja2

Conditional and Looping Tasks

Ansible Network Solutions

Dynamic Inventory Management

OpenStack and AWS

Variables and Python

Course Schedule

Date	Time	Price	Options

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