



Ansible

Description:

Ansible is an automation engine that aid with infrastructure provisioning, operating system configuration, application deployment, and much more. Developers use Ansible to automate the creation of development environments that are identical to production settings. The same playbooks can also be used to automate the construction of staging and production environments in operations.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Source code

Downloadable resources

Quizzes

Completion certificate

What we learn:

Ansible fundamentals

Ansible architecture

Installation

Inventory

Modules

Playbooks

Templates

Roles

Requirements:

Prior knowledge of Linux

A system with good internet connection

Your dedication

Instructor:

Name:

Ritesh Yadav

Description:

Ritesh is truly passionate about data science, machine learning and DevOps in general, he likes what he does, and is keen to learn. Currently, He is working as a Jr. Data Scientist at Ineuron.ai. He also loves to Contribute to Open Source Projects, which are mainly under CNCF Landscape. Ritesh loves to work in Cloud-Native technologies and Golang (Go

).Apart from this, Ritesh has been actively involved in the open-source community for over a year, helping many open-source DevOps tools and CNCF Projects like Porter, Meshery, Keptn, TensorFlow, and Thanos through his contributions.

>Introduction:

>>What is Ansible?

>>Getting started with Ansible

>>Ansible components

>What is configuration management?:

>>What is infrastructure provisioning?

>>What is IT automation?

>>Ansible use cases

>How Ansible works?:

>>Ansible architecture

>>Ansible modules

>Ansible concepts:

>>Controller in Ansible

>>Managed node in Ansible

>>Ansible modules

>Ansible controller node setup:

>>Ansible SSH key generation

>>Ansible keygen

>>Ansible installation on Linux

**>Managing managed node via
inventory Ansible modules:**

>>Setting managed node in Ansible

>>Setting up Ansible modules

>>Using Ansible modules in AWS,Azure

**>Executing single tasks via
ad-hoc commands:**

>>Working with Ansible commands

>Ansible playbook:

>>Ansible playbook variables

>>Ansible playbook tasks

>>Ansible playbook handlers

>>Ansible playbook roles

>>Running Ansible playbook and target new EC2 instance host

>Ansible vault and Ansible

galaxy: