

Advanced Terraform with Realtime Scenarios

- Learn to Provision AWS Infrastructure with Terraform
- Installing Terraform on various platforms
- Hashi Corp Configuration Language (HCL) Basics
- Update and Destroy Infrastructure using Terraform providers
- Understanding Desired & Current States
- Challenges with the current State on Computed Values
- Configuration Directory & Terraform Provider Versioning
- Understanding Attributes and Output Values in Terraform
- Referencing Cross-Account Resource Attributes
- Comments in Terraform
- Understanding the Variable Block & Input Variables
- Resource Attributes & Dependencies
- Introduction to Terraform State
- Terraform State Considerations
- Mutable vs Immutable Infrastructure
- Life cycle Rules & Terraform Functions
- Data sources, Meta – Arguments, Count, Conditional Expressions, for-each, Version Constraints
- Creating and Using Module – Using Module from the Registry
- Terraform Modules & Debugging in Terraform
- Load Order & Semantics
- Dynamic Blocks, Tainting
- Resource, Splat Expressions
- Dealing with Large Infrastructure

Complete DevOps Ansible Automation Training

Section 1: Introduction

- What is Ansible?
- History of Ansible
- Benefits
- Terminologies in Ansible

- How Ansible Works?
- Other Automation tools
- Installing Ansible

Section 2: Ansible Automation with Simple Play books

- YAML File Syntax
- Creating First Play book
- Establish Connections to Remote Clients
- Run Shell Scripts on Remote Clients
- Schedule aJob(Crontab)
- Add or Update UserPassword

Section 3: Ansible Automation with Ad-hoc Tasks

- Ansible Ad-hocCommands

Section 4: Advance Ansible Automation Features

- Roles by Application
- Roles on Ansible Galaxy
- Tags
- Variables in Inventory File
- Handlers
- Conditions
- Loops

Section 5: Securing Ansible

- Ansible Vault
- Encrypt Strings within a Play book

Section 6: Ansible Management Tools

- Ansible Tower



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