

Terraform Cloud (Advanced Workflows)

Learn to manage advanced Terraform Cloud workflows, from workspaces and VCS integration to policy enforcement with Sentinel and OPA.

2 Days

16 HOURS

14

TOPICS

COURSE OVERVIEW

This course reviews core Terraform concepts before introducing Terraform Cloud, covering how to interact with it and authenticate to the platform. It then explores workspaces, variables, the Terraform Cloud workflow, and connecting Terraform Cloud to a version control system such as GitHub for Git-based workflows. The course also addresses the private registry and migrating existing configurations to Terraform Cloud. Finally, it covers policy enforcement through Sentinel, Policy as Code, and the Open Policy Agent (OPA).

WHO THIS COURSE IS FOR

Experienced Terraform engineers

LEARNING OBJECTIVES

- Explain core Terraform concepts as a foundation for Terraform Cloud
- Describe how to interact with and authenticate to Terraform Cloud
- Configure workspaces and variables in Terraform Cloud
- Apply the Terraform Cloud workflow to manage infrastructure changes
- Connect Terraform Cloud to a VCS such as GitHub
- Implement Git workflows using Terraform Cloud
- Use the private registry and migrate configurations to Terraform Cloud
- Apply Sentinel and OPA to enforce Policy as Code

TRAINING APPROACH

This course will cover 60:40 lab to lecture ratio.

14 Topics

01

TOPICS

Terraform Refresher

02

TOPICS

Introduction to Terraform Cloud · Interact with Terraform Cloud · Authentication to Terraform Cloud

03

TOPICS

Workspaces in Terraform · Setting up variables in Terraform Cloud · Terraform cloud Workflow · Connect Terraform Cloud to VCS(GitHub) · Git Workflow using Terraform Cloud

04

TOPICS

Private Registry in Terraform Cloud · Migrating to Terraform Cloud

05

TOPICS

Sentinel Policy in Terraform Cloud · Policy as Code · Terraform Cloud Open Policy Agent (OPA)

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

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Flexi (Self-Paced)

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