Advanced Terraform Cloud/Enterprise
Course Duration: 24 Hours (3 Days)

Course Overview

This instructor-led course explores collaborative workflows and advanced features of the Terraform Cloud/Terraform Enterprise platform. A deep dive into scaling infrastructure automation for provisioning, compliance and management of Terraform code. Topics include structuring and setting up workspaces, working with securely stored remote state, creating users and teams for access control, governance, compliance and more.

Prerequisites

To attend this advanced course, there are a few prerequisites to ensure a successful experience:

- Completion of one of the following:
- Terraform Academy Foundations
- Terraform Associate Certification
- 6 months using Terraform

- A Github Account
- A Terraform Cloud Account
- Solid Command Line Experience
- Understanding of Git and Version Control Systems

Audience profile

- Cloud SRE's
- DevOps
- System Administrators

Course Syllabus

- Module 1: Terraform Review
- Module 2: TFC/E Platform and UI
- Module 3: State (remote and importing resources)
- Module 4: Workspaces
- Module 5: TFC/E Variables
- Module 6: Workflows - CLI, VSC, API
- Module 7: User & Group Organization
- Module 8: Private Module Registry
- Module 9: Operations and Governance
- Module 10: Policy as Code (Sentinel)