Terraform Foundations

Course Duration: 24 Hours (3 Days)

Course Overview

This course provides in-depth foundational knowledge of HashiCorp Terraform. Students will learn the benefits of infrastructure as code using Terraform as a common language and workflow across multiple cloud service providers and API's. This course starts with basics and progresses to advanced Terraform constructs including expanding and testing Terraform code. In addition, the material covered in this training helps students prepare for Terraform Associate certification

Audience profile

- Cloud SRE's
- DevOps
- System Administrators

Course Syllabus

- Module 1: Terraform Introduction
- Module 2: Terraform Internals and Usage
- Module 3: Terraform CLI
- Module 4: Language
- Module 5: State
- Module 6: Providers
- Module 7: Cloud Authentication
- Module 8: Modules
- Module 9: Versioning
- Module 10: Language Intermediate
- Module 11: Templates
- Module 12: Provisioners
- Module 13: Module Development
- Module 14: Terraform Testing
- Module 15: Recommended Patterns