Topics		
Topics	**In Detail**	**Time(hrs)**
Introduction & Setting Up Labs	This training session inculdes - Introduction to the Hashicorp Terraform training and Certification	2
Deploying Infrastructure with Terraform	Creating first EC2 instance with Terraform Terraform Code - First EC2 Instance Understanding Resources & Providers Destroying Infrastructure with Terraform Understanding Terraform State files Understanding Desired & Current States Challenges with the current state on computed values Terraform Provider Versioning	4
Read, Generate, Modify Configurations	Understanding Attributes and Output Values in Terraform Referencing Cross-Account Resource Attributes Terraform Variables Approaches for Variable Assignment Data Types for Variables Fetching Data from Maps and List in Variable Count and Count Index Conditional Expressions Local Values Terraform Functions Data Sources Debugging in Terraform Terraform Format Validating Terraform Configuration Files Load Order & Semantics Dynamic Blocks Tainting Resources Splat Expressions Terraform Graph Saving Terraform Plan to File Terraform Output Terraform Settings	8
Terraform Provisioners	Understanding Provisioners in Terraform Types of Provisioners Implementing remote-exec provisioners Implementing local-exec provisioners Creation-Time & Destroy-Time Provisioners Failure Behavior for Provisioners	4
Terraform Modules & Workspaces	Implementing EC2 module with Terraform Variables and Terraform Modules Terraform Registry Terraform Workspace Implementing Terraform Workspace	4
Remote State Management	Module Sources in Terraform Terraform and .gitignore Remote State Management with Terraform Implementing S3 Backend Integrating DynamoDB with S3 for state locking Terraform State Management Challenges with State File locking Importing Existing Resources with Terraform Import	4
Terraform Cloud & Enterprise Capabilities	Overview of Terraform Cloud Creating Infrastructure with Terraform Cloud Overview of Sentinel Sensitive Parameter Overview of Remote Backends Implementing Remote Backend Operations in Terraform Cloud	4
HashiCorp Certified: Terraform Associate Practice Exam - 2021	This training session inculdes - 2 Sets of tests, Each contains - 50 questions, which will make the candidate to pass with aggregate 80%	10