



What is Terraform?

- Terraform provides Infrastructure as code (IaC) approach developed by Hashicorp to manage provider Infrastructure
- Terraform supports Clouds, Kubernetes, Network Infrastructure etc., as target providers (2.3k+ as of now) to manage
- Terraform uses simple DSL language called HCL (Hashicorp Configuration Language, kind of JSON format)
- We can create, update, destroy the Infrastructure with simple commands
- Terraform can be used to manage existing infrastructure as well, but needs lot of efforts (reverse engineering)
- Terraform Modules (10k+ Predefined Modules in Repository) for predefined configuration files
- Terraform Workspace (native feature of Terraform) to manage multiple environments

Terraform Workflow for resource creation on target providers

