

COURSE NAME
Terraform
Prerequisites
<ul style="list-style-type: none"> • Azure cloud knowledge • Azure token and secrets along with api
Duration
3 Days
LAB SETUP
Participants should have Azure Subscription account
COURSE CURRICULM
<p>Day 1 :</p> <ul style="list-style-type: none"> • Introduction to IAC • Introduction terraform and Hashicorp certifications • Need of the day for infrastructure provisioning • Introduction to HCL • Installation of Terraform • Installation of vscode • Connecting azure account with terraform script • Install azure cli • Running terraform script for azure demo • Providers and modules • Understanding and maintaining terraform states • Understanding out of terraform • Syntax of tf files • Terraform init , plan , apply , destroy • Launching vms using terraform • Azure locations and resources groups <p>Day 2 :</p> <ul style="list-style-type: none"> • Introduction to variables • Azure vnet and subnet deployment • Azure dependencies • Azure network interfaces • Azure public ip and network security groups • Conditionals statements • Azure hardware models • Terraform iteration , count , functions

Day 3:

- Terraform count and for_each
- Logging and troubleshooting
- Azure load balancers using terraform
- Terraform modules
- Aks deployment
- Azure devops deployment
- Demos for storage accounts and other services