Terraform

It supports 100’s of provider.

Works on multiple platforms , these includes:

(Windows, mac OS, Linux. FreeBSD, Solaris)

Always write your code in notepad before writing terraform script

#EC2 script

provider “aws” {

region = “us-east-2”

access\_key = “xyz”

secret \_key =”pqr”

}

resource “aws\_instance” “myec2”{

ami = “ami-123”

instance\_type =”t2.micro”

}

terraform init

terraform plan

terraform apply

terraform destroy

terraform destroy –target (specific resource)

resource type + local resource name = “aws\_instance” “myec2”

Terraform tries to ensure that the deployed infrastructure is based in the desired state.

If the difference between the two terraform plan presents a description of the changes necessary to achieve the desired state.