**What is Terraform?**

Terraform is a tool for building, changing and versioning infrastructure safely and efficiently. Terraform can manage existing and popular service providers as well as custom inhouse solutions.

Terraform is created by Hashicorp. To create a resource in terraform use below code.

Resource “aws\_instance” “my-web”

{

Ami = “ ami-676gdv”

Instance\_type= “t2.micro”

}

Terraform maintains the infrastructure change history using version control system like git.

**Install Terraform on Linux:**

Go to terraform site ([www.terraform.io](http://www.terraform.io)) and copy link corresponding to linux binaries.

Copy that link in a specific folder on linux machine using wget.

Now unzip that zip folder by using

$ unzip terraform\_0.12.2\_linux\_amd64.zip

Now set the path variable :

$ export PATH=/home/terraform/:$PATH

Now you can check the version using

$ terraform -version