**Terraform workspace command**

* Download graphviz (gvedit.exe) from google.com.
* Open CMD.
* Cd desktop/
* Cd go/ (where your visusal code are stored)
* Terraform graph > test.dot ( to see the code in graph format. Every graph file should be eg:- .dot type )
* Open gvedit.exe
* File > open > open test.dot file to see the graph.

open aws console and launch one instance with putty.

* Open putty
* Copy terraform download link (x386) from google.
* Wget (paste terraform link )
* Unzip (terraform file )
* Pwd
* Mv terraform /usr/bin/
* Terraform -v
* Ls
* Terraform workspace new dev ( to create new workspace )
* Terraform workspace new prod
* Terraform workspace new uat
* Terraform workspace select dev ( to go inside the workspace)
* Terraform workspace list

Output :- ( default

Prod

\*dev

Uat )

* Terraform workspace show ( o/p :- dev )
* Ls
* Cd ../prod/ (empty file )
* Cd ../uat/ (empty file )
* Cd ../dev/ (empty file )
* Ls
* Terraform workspace select dev ( switched workspace in dev )
* Code for instance and s3 bucket

( provider "aws" {

access\_key = "AKIARZAWAQNP6P4OZSVF"

secret\_key = "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"

region = "ap-south-1"

}

resource "aws\_instance" "web\_server" {

ami = "ami-076e3a557efe1aa9c"

instance\_type = "t2.small"

tags = {

"name" = "production\_server"

}

resource "aws\_s3\_bucket" "b" {

bucket = "my-tf-test-bucket-repo-harish5216"

ac1 = "private"

tags = {

name = "my-bucket"

Environment = "Dev"

}

}

} )

**Note:-** (as per your requirement you can adjust in code. If you don’t need s3

Bucket you can add hashtag# before your code. That code will be

Commented )

* Terraform apply ( instance and bucket will be launch in dev )
* Ls
* Cd terraform.tfstate.d/
* Ls
* Cd dev/
* Ls ( terraform.tfstate.d will be create in dev workspace )
* Terraform workspace select prod
* Terraform workspace show ( o/p:- prod )
* Terraform apply ( now instance will launch prod workspace )
* Terraform destroy ( to terminate instance and s3 bucket )