# **School of Computer Science**

#### UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

# **DEHRADUN, UTTARAKHAND**



# System Monitoring And Configuration Management

Lab File

(2023-2024)

for

6<sup>th</sup> Semester

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# LAB EXERCISE 6

Aim: Terraform Multiple tfvars Files Objective:

Step 1: Create a main.tf file

Step 2: Create a variable.tf file

```
main.tf
                    🔭 variables.tf 🗡

▼ dev.tfvars ● 
                                                             prod.tfvars
LAB_6 > Y variables.tf
        Click here to ask Blackbox to help you code faster
       variable "region" {
         description = "AWS region"
         default = "us-west-2"
       variable "ami"{
           description = "AMI ID"
           default = "ami-008fe2fc65df48dac"
       variable "instance_type"{
           description = "EC2 Instance type"
 11
 12
           default = "t2.micrd"
 13
```

Step 3: Create Multiple tfvars Files:

#### dev tfvars

```
main.tf variables.tf dev.tfvars prod.tfvars

LAB_6 > dev.tfvars

Click here to ask Blackbox to help you code faster
region = "us-west-2"
ami = "ami-01e82af4e524a0aa3"
instance_type = "t2.micro"

4
```

#### prod.tfvars

```
main.tf variables.tf dev.tfvars prod.tfvars ×

LAB_6 > prod.tfvars

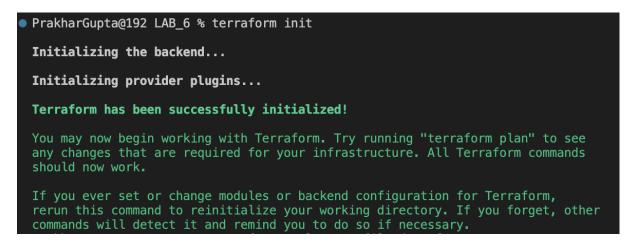
Click here to ask Blackbox to help you code faster

region = "us-east-1"

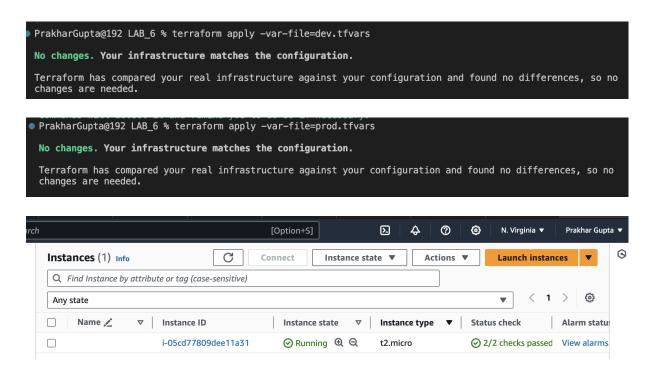
ami = "ami-00d990e7e5ece7974"

instance_type = "t2.large"
```

#### Step 4: Now initializes



Step 5: Apply for Dev Environment



Step 6: Destroy Dev Environment

• PrakharGupta@192 LAB\_6 % terraform destroy -var-file=dev.tfvars

No changes. No objects need to be destroyed.

Either you have not created any objects yet or the existing objects were already deleted outside of Terraform.

Destroy complete! Resources: 0 destroyed.

● PrakharGupta@192 LAB\_6 % terraform destroy -var-file=prod.tfvars

No changes. No objects need to be destroyed.

Either you have not created any objects yet or the existing objects were already deleted outside of Terraform.