RIDDHIMA RAI 500094024 BATCH 2

Lab Exercise 6– Terraform Multiple tfvars Files

Objective:

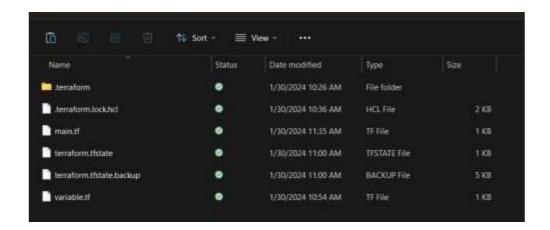
Learn how to use multiple thvars files in Terraform for different environments.

Prerequisites:

- Terraform installed on your machine.
- Basic knowledge of Terraform configuration and variables.

Steps:

1. Create a Terraform Directory:



Create Terraform Configuration Files:

• Create a file named main.tf:

main.tf

Create a file named variables.tf:

variables.tf

```
variable.tf X
variable the property variable variable "ami" {
    description = "AMI ID"
    default = "ami-83f4878755434977f"
    }

variable "instance_ty" {
    description = "ec2-instance"
    default = "t2.micro"
    }

variable "region_ec2" {
    description = "ec2-region"
    default = "ap-south-1"
}
```

2. Create Multiple tfvars Files:

• Create a file named dev.tfvars: #

dev.tfvars

Create a file named prod.tfvars: #

prod.tfvars

3. Initialize and Apply for Dev Environment:

4. Initialize and Apply for Prod Environment:

```
## Common after apply - var-files productions and symbols in the following symbols in the follow
```

```
The root module does not declared variable named "instance_type" but a value was found in file "proditivans". If you seamt to use this value, and a "variable" block to the configuration.

To milence these marnings, use IT MAR... environment variables to provide certain "globel" settings to all configurations in your organization. To reduce the verboolty of these warmings, use the "compact warmings metion.

Do you want to perform these actions?

Terreform will perform the actions?

Terreform will perform the actions described above.

Only 'yes' will be accepted to approve.

Enter a value; yes

man instance.example: Destroying... [id-1.0800223867073286]

man instance.example: Still destroying.... [id-1.0800223867073286, 10s elapsed]

man instance.example: Still destroying... [id-1.0800223867073286, 28s elapsed]

man instance.example: Still destroying... [id-1.0800223867673286, 38s elapsed]

man instance.example: Destruction complete after 3%

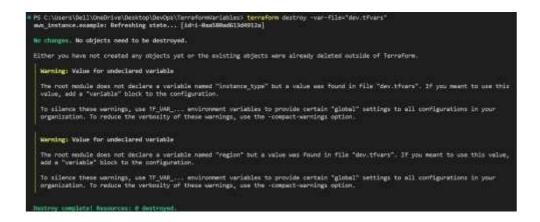
man instance.example: Still creating... [20s elapsed]

man instance.example: Still creating... [20s elapsed]
```

5. Test and Verify:



6. Clean Up:



```
### PS C. Where World Cheechies Devices to present a comparison of the control of
```