
LAB EXERCISE 2 – TERRAFORM AWS PROVIDER CONFIGURATION

PREREQUISITES: TERRAFORM INSTALLED: MAKE SURE YOU HAVE TERRAFORM INSTALLED ON YOUR MACHINE. FOLLOW THE OFFICIAL INSTALLATION GUIDE IF NEEDED.

EXERCISE STEPS:

STEP 1: CREATE A NEW DIRECTORY:

CREATE A NEW DIRECTORY FOR YOUR TERRAFORM CONFIGURATION:

“TERRAFORM-DEMO”

STEP 2: CREATE TERRAFORM CONFIGURATION FILE (MAIN.TF):

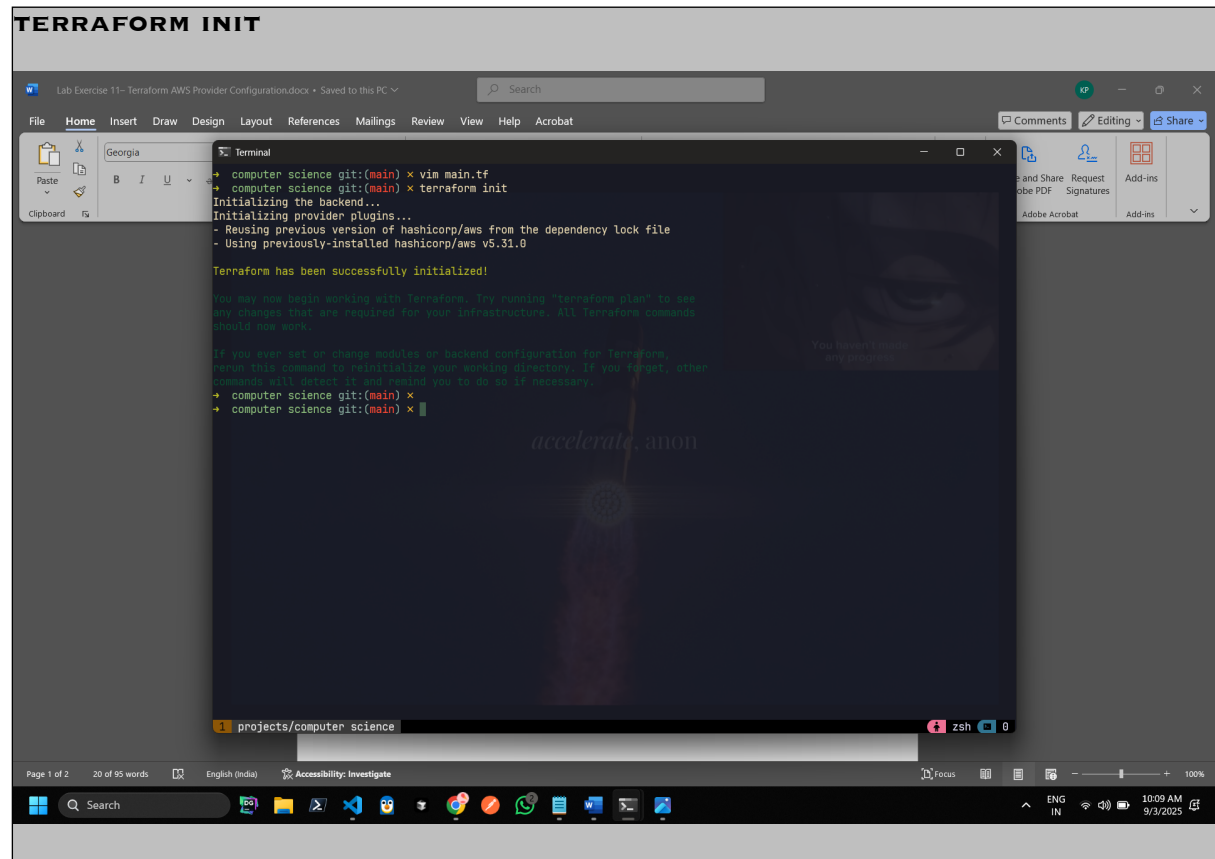
CREATE A FILE NAMED MAIN.TF WITH THE FOLLOWING CONTENT:

```
TERRAFORM {  
  REQUIRED_PROVIDERS {  
    AWS = {  
      SOURCE = "HASHICORP/AWS"  
      VERSION = "5.30.0"  
    }  
  }  
}  
  
PROVIDER "AWS" {  
}
```

STEP 3: INITIALIZE TERRAFORM:

RUN THE FOLLOWING COMMAND TO INITIALIZE YOUR TERRAFORM WORKING DIRECTORY:

TERRAFORM INIT



The screenshot shows a terminal window titled "Terminal" with the following output:

```
+ computer science git:(main) x vim main.tf
+ computer science git:(main) x terraform init
Initializing the backend...
Initializing provider plugins...
- Reusing previous version of hashicorp/aws from the dependency lock file
- Using previously-installed hashicorp/aws v5.31.0

Terraform has been successfully initialized!

You may now begin working with Terraform. Try running "terraform plan" to see
any changes that are required for your infrastructure. All Terraform commands
should now work.

If you ever set or change modules or backend configuration for Terraform,
rerun this command to reinitialize your working directory. If you forget, other
commands will detect it and remind you to do so if necessary.
+ computer science git:(main) x
+ computer science git:(main) x
```

The terminal window is part of a larger application interface. The top bar shows "Lab Exercise 11- Terraform AWS Provider Configuration.docx" and "Saved to this PC". The left sidebar has a "Clipboard" section. The right sidebar has a "Comments" section and a "Share" button. The bottom status bar shows "Page 1 of 2", "20 of 95 words", "English (India)", "Accessibility: Investigate", "Focus", and "10:09 AM 9/3/2025".