

SPCM LAB-2

Objective: Terraform AWS Provider and IAM User Setting

- Create a new directory for your Terraform configuration:

```
● gauravbhandari@gauravs-Air-2 Desktop % mkdir System-provisioning
● gauravbhandari@gauravs-Air-2 Desktop % cd System-provisioning
```

- Create a file named main.tf with the following content:

```
● gauravbhandari@gauravs-Air-2 System-provisioning % touch main.tf
```

```
main.tf > ...
1 terraform {
2   required_providers {
3     aws = {
4       source = "hashicorp/aws"
5       version = "5.31.0"
6     }
7   }
8 }
9 provider "aws" {
10   region      = "ap-south-1"
11   access_key  = "your IAM access key"
12   secret_key  = "your secret access key"
13 }
```

- Run the following command to initialize your Terraform working directory.

```
● gauravbhandari@gauravs-Air-2 System-provisioning % terraform init

Initializing the backend...

Initializing provider plugins...
- Finding hashicorp/aws versions matching "5.31.0"...
- Installing hashicorp/aws v5.31.0...
- Installed hashicorp/aws v5.31.0 (signed by HashiCorp)

Terraform has created a lock file .terraform.lock.hcl to record the provider
selections it made above. Include this file in your version control repository
so that Terraform can guarantee to make the same selections by default when
you run "terraform init" in the future.

Terraform has been successfully initialized!
```