

```
s3.tf
1 resource "aws_s3_bucket" "prathamesh" {
2     bucket = "prathamesh1301"
3
4     tags = {
5         Name      = "My Bucket"
6         Environment = "Dev"
7     }
8 }
```

```
s3.tf      provider.tf
1 provider "aws" {
2     access_key= "AKIAIYIY3PKM7VRJB3TFP"
3     secret_key="ubbfj7ZgxAIL87aSYCGUCSH2Cy8SE53ZHrfMqNfZ"
4     region = "ap-south-1"
5 }
6
```

```
C:\Users\shett>echo Prathamesh shetty
Prathamesh shetty
```

```
C:\Users\shett>terraform -v
Terraform v1.9.4
on windows_386
```

```
C:\Users\shett>cd ../../Terraform scripts/tf scripts
```

```
C:\Terraform scripts\tf scripts>dir
Volume in drive C is Windows
Volume Serial Number is 6255-3E31
```

```
Directory of C:\Terraform scripts\tf scripts
```

```
08-08-2024  02:26 PM    <DIR>          .
08-08-2024  02:02 PM    <DIR>          ..
08-08-2024  02:28 PM                148 provider.tf
08-08-2024  02:24 PM                184 s3.tf
                2 File(s)                332 bytes
                2 Dir(s)  352,795,762,688 bytes free
```

```
C:\Terraform scripts\tf scripts>terraform init
Initializing the backend...
Initializing provider plugins...
- Finding latest version of hashicorp/aws...
- Installing hashicorp/aws v5.61.0...
- Installed hashicorp/aws v5.61.0 (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!

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.

commands will detect it and remind you to do so if necessary.

```
PS C:\terraform_scripts\s3> terraform plan
```

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:

+ create

Terraform will perform the following actions:

```
# aws_s3_bucket.komal will be created
+ resource "aws_s3_bucket" "prathamesh" {
  + acceleration_status = (known after apply)
  + acl                 = (known after apply)
  + arn                 = (known after apply)
  + bucket_domain_name = (known after apply)
  + bucket_prefix      = (known after apply)
  + bucket_regional_domain_name = (known after apply)
  + force_destroy      = false
  + hosted_zone_id     = (known after apply)
  + id                 = (known after apply)
  + object_lock_enabled = (known after apply)
  + policy              = (known after apply)
  + region              = (known after apply)
  + request_payer       = (known after apply)
  + tags                = {
    + "Environment" = "Dev"
    + "Name"        = "My Bucket"
  }
  + tags_all            = {
    + "Environment" = "Dev"
    + "Name"        = "My Bucket"
  }
  + website_domain      = (known after apply)
  + website_endpoint    = (known after apply)
```

```
Plan: 1 to add, 0 to change, 0 to destroy.

Do you want to perform these actions?
  Terraform will perform the actions described above.
  Only 'yes' will be accepted to approve.

  Enter a value: yes

aws_s3_bucket.prathamesh: Creating...
aws_s3_bucket.prathamesh: Creation complete after 8s

Apply complete! Resources: 1 added, 0 changed, 0 destroyed.
PS C:\terraform_scripts\s3>
```

The screenshot shows the Amazon S3 console interface. The left sidebar contains navigation links for various S3 services. The main content area is titled 'Amazon S3' and features an 'Account snapshot' section at the top. Below this, there are tabs for 'General purpose buckets' and 'Directory buckets'. The 'General purpose buckets' tab is active, showing a list of buckets. A search bar is present above the table. The table has columns for Name, AWS Region, IAM Access Analyzer, and Creation date. One bucket, 'prathamesh1301', is listed in the 'US East (N. Virginia) us-east-1' region, created on August 1, 2024, at 15:08:09 (UTC+05:30). A 'Create bucket' button is visible in the top right of the bucket list section.

Name	AWS Region	IAM Access Analyzer	Creation date
prathamesh1301	US East (N. Virginia) us-east-1	View analyzer for us-east-1	August 1, 2024, 15:08:09 (UTC+05:30)