provider.tf

```
1  provider "aws" {
2    access_key="ASIA4Q6JRELZ7F5BNW5C"
3    secret_key="nTQN/1MGuUbPZ1JHsNcxIjYBE4KMq80gTaQauyak"
4    region="us-east-1"
5    token="IQoJb3JpZ2luX2VjEKT//////////wEaCXVzLXdlc3QtMiJIMEYCIQCORlV74U7uLDcAU9lEbRVMIC1eD97t1I2/oJ2YTDoT9wIhAIb91vNDhOIEhU57IPeb/1awK+Sg
6  }
```

s3.tf

```
1  resource "aws_s3_bucket" "aditya" {
2      bucket = "ghoulkratos"
3
4      tags = {
5          Name        = "Aditya bucket"
6          Environment = "Dev"
7      }
8  }
```

```
Volume in drive C has no label.
Volume Serial Number is C23C-CD93

Directory of c:\Terraform_Script\S3

08/13/2024  09:30 AM    <DIR>          .
08/13/2024  09:30 AM    <DIR>          ..
08/13/2024  09:32 AM               130 provider.tf
08/13/2024  09:30 AM               157 s3.tf
               2 File(s)            287 bytes
               2 Dir(s)  47,611,621,376 bytes free
```

```
C:\Terraform_Script\S3>terraform init
Initializing the backend...
Initializing provider plugins...
- Reusing previous version of hashicorp/aws from the dependency lock file
- Using previously-installed hashicorp/aws v5.62.0

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.
```
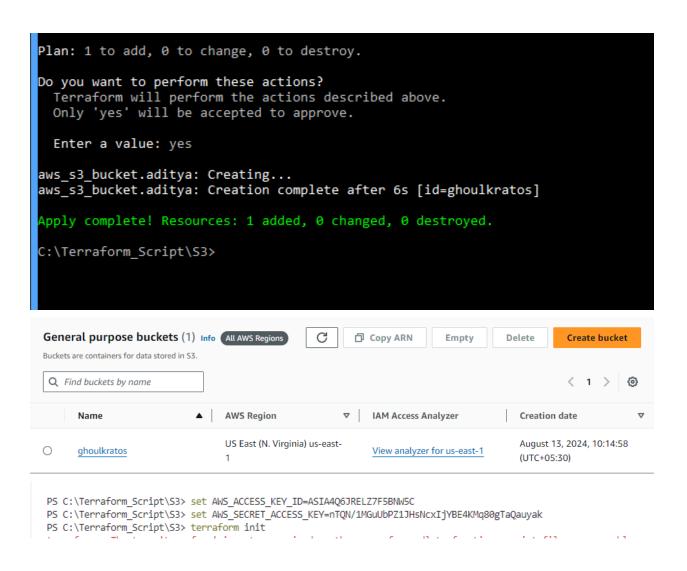
```
C:\Terraform_Script\S3>terraform plan

Terraform used the selected providers to generate the following execution plan. R
following symbols:
  + create

Terraform will perform the following actions:

  # aws_s3_bucket.aditya will be created
  + resource "aws_s3_bucket" "aditya" {
      + acceleration_status            = (known after apply)
      + acl                            = (known after apply)
      + arn                            = (known after apply)
      + bucket                         = "ghoulkratos"
      + 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"        = "Aditya bucket"
```

```
C:\Terraform_Script\S3>terraform apply

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

Terraform will perform the following actions:

  # aws_s3_bucket.aditya will be created
  + resource "aws_s3_bucket" "aditya" {
      + acceleration_status            = (known after apply)
      + acl                            = (known after apply)
      + arn                            = (known after apply)
      + bucket                         = "ghoulkratos"
      + 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"        = "Aditya bucket"
        }
      + tags_all                       = {
```

```
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.aditya: Creating...
aws_s3_bucket.aditya: Creation complete after 6s [id=ghoulkratos]

Apply complete! Resources: 1 added, 0 changed, 0 destroyed.

C:\Terraform_Script\S3>
```

General purpose buckets (1) Info   All AWS Regions

Buckets are containers for data stored in S3.

Name		AWS Region		IAM Access Analyzer	Creation date	
○ ghoulkratos	▲	US East (N. Virginia) us-east-1	▽	View analyzer for us-east-1	August 13, 2024, 10:14:58 (UTC+05:30)	▽

```
PS C:\Terraform_Script\S3> set AWS_ACCESS_KEY_ID=ASIA4Q6JRELZ7F5BNW5C
PS C:\Terraform_Script\S3> set AWS_SECRET_ACCESS_KEY=nTQN/1MGuUbPZ1JHsNcxIjYBE4KMq80gTaQauyak
PS C:\Terraform_Script\S3> terraform init
```

```
  - destroy

Terraform will perform the following actions:

  # aws_s3_bucket.aditya will be destroyed
  - resource "aws_s3_bucket" "aditya" {
      - arn                         = "arn:aws:s3:::ghoulkratos" -> null
      - bucket                      = "ghoulkratos" -> null
      - bucket_domain_name          = "ghoulkratos.s3.amazonaws.com" -> null
      - bucket_regional_domain_name = "ghoulkratos.s3.us-east-1.amazonaws.com" -> null
      - force_destroy               = false -> null
      - hosted_zone_id              = "Z3AQBSTGFYJSTF" -> null
      - id                          = "ghoulkratos" -> null
      - object_lock_enabled         = false -> null
      - region                      = "us-east-1" -> null
      - request_payer               = "BucketOwner" -> null
      - tags                        = {
          - "Environment" = "Dev"
          - "Name"        = "Aditya bucket"
        } -> null
      - tags_all                    = {
          - "Environment" = "Dev"
          - "Name"        = "Aditya bucket"
        } -> null
        # (3 unchanged attributes hidden)

      - grant {
          - id          = "afcbde356052f5dedfcf6d94d766ac08ef5886ce1f319164f0735450e1540833"
          - permissions = [
              - "FULL_CONTROL",
            ] -> null
          - type        = "CanonicalUser" -> null
            # (1 unchanged attribute hidden)
        }

      - server_side_encryption_configuration {
          - rule {
              - bucket_key_enabled = false -> null
```

```
Do you really want to destroy all resources?
  Terraform will destroy all your managed infrastructure, as shown above.
  There is no undo. Only 'yes' will be accepted to confirm.

  Enter a value: yes

aws_s3_bucket.aditya: Destroying... [id=ghoulkratos]
aws_s3_bucket.aditya: Destruction complete after 1s

Destroy complete! Resources: 1 destroyed.

C:\Terraform_Script\S3>
```

General purpose buckets Info All AWS Regions

Buckets are containers for data stored in S3.

Copy ARN | Empty | Delete | **Create bucket**

Find buckets by name

< 1 >

Name ▲	AWS Region ▽	IAM Access Analyzer	Creation date ▽

No buckets

You don't have any buckets.

Create bucket