

```
f
s3.tf:

resource "aws_s3_bucket" "Sarathak Harade" {
  bucket = "My_Bucket"

  tags = {
    Name          = "Sarathak Bucket"
    Environment    = "Dev"
  }
}
```

• provider.tf - Terraform\_Scripts - Visual Studio Code [Administrator]

Get Started s3.tf provider.tf

```
provider.tf
1 provider "aws"{
2     access_key= "ASIA22CQBXMSSPXVHFB"
3     secret_key= "rBwKggtMpF36TRMqKJ9Y8sUfzUTX8Ss1131P1JWy"
4     region = "us-east-1"
5 }
```

```
Microsoft Windows [Version 10.0.19045.4651]
(c) Microsoft Corporation. All rights reserved.

C:\Users\admin>cd C:\Terraform_Scripts\S3

C:\Terraform_Scripts\S3>dir
Volume in drive C has no label.
Volume Serial Number is CCC0-98D1

Directory of C:\Terraform_Scripts\S3

08/13/2024  09:42 AM    <DIR>          .
08/13/2024  09:42 AM    <DIR>          ..
08/13/2024  09:41 AM                143 provider.tf
08/13/2024  09:32 AM                174 s3.tf
               2 File(s)                317 bytes
               2 Dir(s)  4,773,441,536 bytes free

C:\Terraform_Scripts\S3>_
```

```
               2 Dir(s)  4,787,550,352 bytes free

C:\Terraform_Scripts\S3>terraform init
Initializing the backend...
Initializing provider plugins...
- Finding latest version of hashicorp/aws...
- Installing hashicorp/aws v5.62.0...
- Installed hashicorp/aws v5.62.0 (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.

C:\Terraform_Scripts\S3>
```

```

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.sarthak will be created
+ resource "aws_s3_bucket" "sarthak" {
+   acceleration_status      = (known after apply)
+   acl                      = (known after apply)
+   arn                     = (known after apply)
+   bucket                  = "My_Bossbabe"
+   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"        = "Sarthak Bucket"
+   }
+   tags_all              = {
+     "Environment" = "Dev"
+     "Name"        = "Sarthak Bucket"
+   }
+   website_domain        = (known after apply)
+   website_endpoint      = (known after apply)

+ cors_rule (known after apply)

+ grant (known after apply)

+ lifecycle_rule (known after apply)

+ logging (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"        = "Sarthak Bucket"
+ }
+ tags_all          = {
+   "Environment" = "Dev"
+   "Name"        = "Sarthak Bucket"
+ }
+ website_domain    = (known after apply)
+ website_endpoint  = (known after apply)

+ cors_rule (known after apply)

+ grant (known after apply)

+ lifecycle_rule (known after apply)

+ logging (known after apply)

+ object_lock_configuration (known after apply)

+ replication_configuration (known after apply)

+ server_side_encryption_configuration (known after apply)

+ versioning (known after apply)

+ website (known after apply)
}

plan: 1 to add, 0 to change, 0 to destroy.

```

```
}  
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.sarthak: Creating...
```

```
aws_s3_bucket.sarthak: Creation complete after 6s [id=my-sarthak-bucket-123]
```

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

```
C:\Terraform_Scripts\S3>
```

► **Account snapshot** - updated every 24 hours All AWS Regions

[View Storage Lens dashboard](#)

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

General purpose buckets

Directory buckets

**General purpose buckets (2)** Info All AWS Regions



Copy ARN

Empty

Delete

Create bucket

Buckets are containers for data stored in S3.

< 1 >

	Name ▲	AWS Region ▼	IAM Access Analyzer	Creation date ▼
<input type="radio"/>	<a href="#">elasticbeanstalk-us-east-1-743197227673</a>	US East (N. Virginia) us-east-1	<a href="#">View analyzer for us-east-1</a>	July 30, 2024, 09:30:09 (UTC+05:45)
<input type="radio"/>	<a href="#">my-sarthak-bucket-123</a>	US East (N. Virginia) us-east-1	<a href="#">View analyzer for us-east-1</a>	August 13, 2024, 10:37:39 (UTC+05:45)

```
- id = "bebf57127bda70f3f04ef3996d2a8b4f5f64bda2655699e3da691e60f62049a" -> null
- permissions = [
  - "FULL_CONTROL",
] -> null
- type = "CanonicalUser" -> null
# (1 unchanged attribute hidden)
}

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

- apply_server_side_encryption_by_default {
- sse_algorithm = "AES256" -> null
# (1 unchanged attribute hidden)
}
}
}

- versioning {
- enabled = false -> null
- mfa_delete = false -> null
}
}

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

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.sarthak: Destroying... [id=my-sarthak-bucket-123]
aws_s3_bucket.sarthak: Destruction complete after 1s

Destroy complete! Resources: 1 destroyed.

C:\Terraform_Scripts\S3>
```

