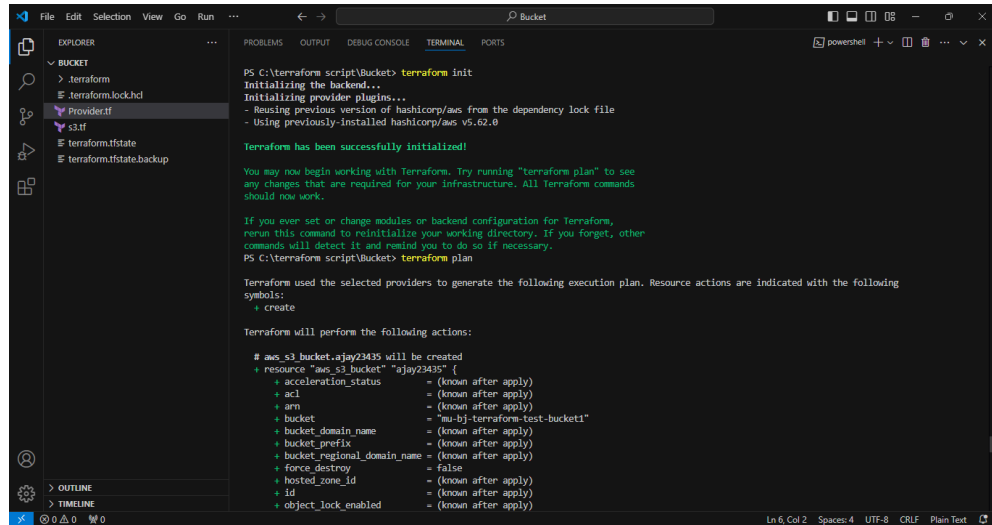


# Advance Devops Lab 06



The screenshot shows the Visual Studio Code interface with the Explorer pane on the left displaying a project structure for 'BUCKET'. The main editor pane shows the output of the 'terraform init' command in a PowerShell terminal. The output indicates that Terraform has been successfully initialized, listing the providers used (aws and s3) and the backend configuration. It also shows the execution plan for the 'aws\_s3\_bucket' resource, which will be created with various attributes like 'acceleration\_status', 'acl', 'arn', 'bucket', 'bucket\_domain\_name', 'bucket\_prefix', 'bucket\_regional\_domain\_name', 'force\_destroy', 'hosted\_zone\_id', 'id', and 'object\_lock\_enabled'.

```
PS C:\terraform script\bucket> 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!

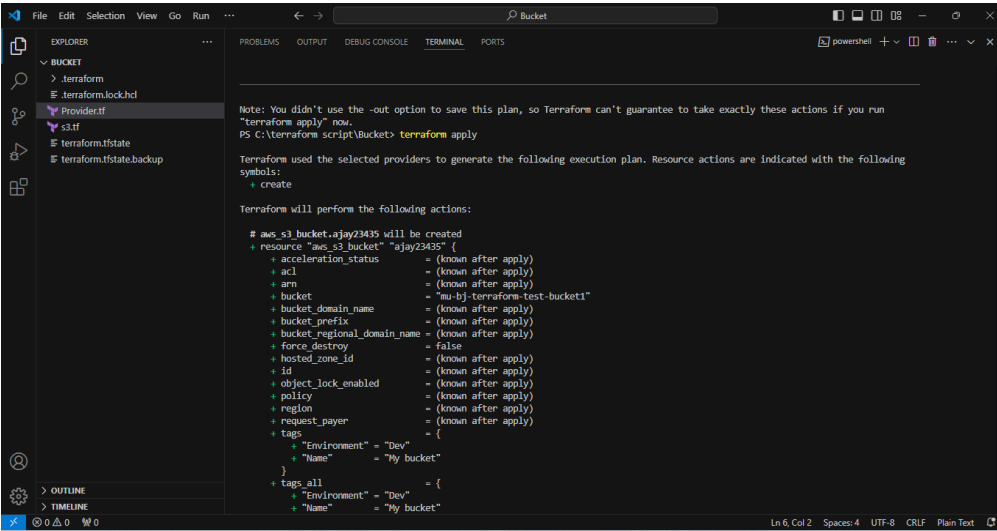
You may now begin working with Terraform. Try running "terraform plan" to see
any changes that are required for your infrastructure. All Terraform commands
should now work.

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.
PS C:\terraform script\bucket> 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.ajay23435 will be created
+ resource "aws_s3_bucket" "ajay23435" {
  + acceleration_status = (known after apply)
  + acl                 = (known after apply)
  + arn                 = (known after apply)
  + bucket              = "mu-bj-terraform-test-bucket1"
  + 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)
}
```



The screenshot shows the Visual Studio Code interface with the Explorer pane on the left displaying the same project structure. The main editor pane shows the output of the 'terraform apply' command in a PowerShell terminal. The output indicates that Terraform has successfully applied the plan, creating the 'aws\_s3\_bucket' resource. It lists the attributes of the created resource, including 'acceleration\_status', 'acl', 'arn', 'bucket', 'bucket\_domain\_name', 'bucket\_prefix', 'bucket\_regional\_domain\_name', 'force\_destroy', 'hosted\_zone\_id', 'id', 'object\_lock\_enabled', 'policy', 'region', 'request\_payer', and 'tags'.

```
Note: You didn't use the -out option to save this plan, so Terraform can't guarantee to take exactly these actions if you run
"terraform apply" now.
PS C:\terraform script\bucket> terraform apply

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.ajay23435 will be created
+ resource "aws_s3_bucket" "ajay23435" {
  + acceleration_status = (known after apply)
  + acl                 = (known after apply)
  + arn                 = (known after apply)
  + bucket              = "mu-bj-terraform-test-bucket1"
  + 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"
  }
}
```

us-east-1.console.aws.amazon.com/s3/home?region=us-east-1

Amazon S3

Buckets

Access Grants

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

▼ Storage Lens

Dashboards

Storage Lens groups

AWS Organizations settings

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 (1) Info All AWS Regions Copy ARN Empty Delete Create bucket

Buckets are containers for data stored in S3.

Find buckets by name

Name	AWS Region	IAM Access Analyzer	Creation date
<a href="#">elasticbeanstalk-us-east-1-725477196955</a>	US East (N. Virginia) us-east-1	<a href="#">View analyzer for us-east-1</a>	July 30, 2024, 09:30:09 (UTC+05:30)

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us-east-1.console.aws.amazon.com/s3/home?region=us-east-1

Access Points

Object Lambda Access Points

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Feature spotlight 7

► AWS Marketplace for 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.

Find buckets by name

Name	AWS Region	IAM Access Analyzer	Creation date
<a href="#">elasticbeanstalk-us-east-1-725477196955</a>	US East (N. Virginia) us-east-1	<a href="#">View analyzer for us-east-1</a>	July 30, 2024, 09:30:09 (UTC+05:30)
<a href="#">mu-bj-terraform-test-bucket1</a>	US East (N. Virginia) us-east-1	<a href="#">View analyzer for us-east-1</a>	August 13, 2024, 10:33:58 (UTC+05:30)

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