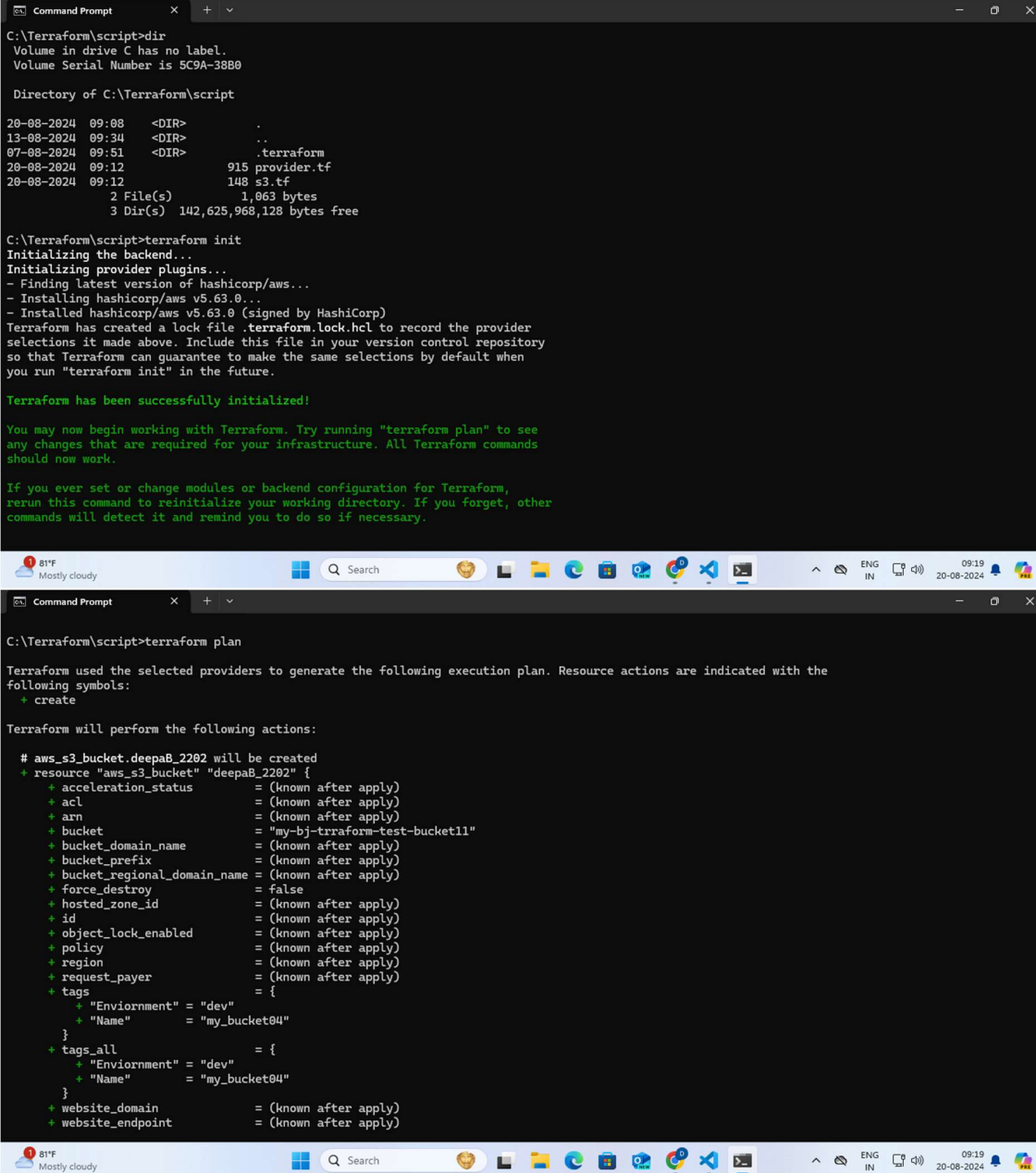


Advance Devops Lab Experiment 6

Name : Deepa Behrani

Class : D15B

Roll_No. : 06



```
C:\Terraform\script>dir
Volume in drive C has no label.
Volume Serial Number is 5C9A-38B8

Directory of C:\Terraform\script

20-08-2024 09:08    <DIR>      .
13-08-2024 09:34    <DIR>      ..
07-08-2024 09:51    <DIR>      .terraform
20-08-2024 09:12             915 provider.tf
20-08-2024 09:12             148 s3.tf
                2 File(s)      1,063 bytes
                3 Dir(s)  142,625,968,128 bytes free

C:\Terraform\script>terraform init
Initializing the backend...
Initializing provider plugins...
- Finding latest version of hashicorp/aws...
- Installing hashicorp/aws v5.63.0...
- Installed hashicorp/aws v5.63.0 (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\script>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.deepaB_2202 will be created
+ resource "aws_s3_bucket" "deepaB_2202" {
+   acceleration_status = (known after apply)
+   acl                 = (known after apply)
+   arn                 = (known after apply)
+   bucket              = "my-bj-rrraform-test-bucket11"
+   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                = {
+     "Enviornment" = "dev"
+     "Name"        = "my_bucket04"
+   }
+   tags_all           = {
+     "Enviornment" = "dev"
+     "Name"        = "my_bucket04"
+   }
+   website_domain      = (known after apply)
+   website_endpoint    = (known after apply)
}
```

```
Command Prompt
+ 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.

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.

C:\Terraform>script>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.deepaB_2202 will be created

# aws_s3_bucket.deepaB_2202 will be created
+ resource "aws_s3_bucket" "deepaB_2202" {
+   acceleration_status      = (known after apply)
+   acl                      = (known after apply)
+   arn                     = (known after apply)
+   bucket                  = "my-bj-terraform-test-bucket11"
+   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_bucket04"
+   }
+   tags_all                = {
+     "Environment" = "dev"
+     "Name"        = "my_bucket04"
+   }
+   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)
```

aws Services Search [Alt+S] N. Virginia voclabs/user3386866=2022.deepa.behrani@ves.ac.in @ 5459-3233...

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

Amazon 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
<input type="radio"/>	elasticbeanstalk-us-east-1-54593235831	US East (N. Virginia) us-east-1	View analyzer for us-east-1	July 30, 2024, 09:12:42 (UTC+05:30)
<input type="radio"/>	my-bj-rrraform-test-bucket11	US East (N. Virginia) us-east-1	View analyzer for us-east-1	August 20, 2024, 09:13:56 (UTC+05:30)

```
Command Prompt
+ 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.
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.deepaB_2282: Creating...
aws_s3_bucket.deepaB_2282: Creation complete after 6s [id=my-bj-rrraform-test-bucket11]
Apply complete! Resources: 1 added, 0 changed, 0 destroyed.
C:\Terraform\script>terraform destroy
aws_s3_bucket.deepaB_2282: Refreshing state... [id=my-bj-rrraform-test-bucket11]
Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the
following symbols:
- destroy
Terraform will perform the following actions:
# aws_s3_bucket.deepaB_2282 will be destroyed
- resource "aws_s3_bucket" "deepaB_2282" {
```

```
Command Prompt
# aws_s3_bucket.deepaB_2202 will be destroyed
- resource "aws_s3_bucket" "deepaB_2202" {
  - arn                = "arn:aws:s3:::my-bj-terraform-test-bucket11" -> null
  - bucket             = "my-bj-terraform-test-bucket11" -> null
  - bucket_domain_name = "my-bj-terraform-test-bucket11.s3.amazonaws.com" -> null
  - bucket_regional_domain_name = "my-bj-terraform-test-bucket11.s3.us-east-1.amazonaws.com" -> null
  - force_destroy      = false -> null
  - hosted_zone_id     = "Z3AQBSTGFYJSTF" -> null
  - id                = "my-bj-terraform-test-bucket11" -> null
  - object_lock_enabled = false -> null
  - region            = "us-east-1" -> null
  - request_payer      = "BucketOwner" -> null
  - tags              = {
    - "Environment" = "dev"
    - "Name"        = "my_bucket04"
  } -> null
  - tags_all          = {
    - "Environment" = "dev"
    - "Name"        = "my_bucket04"
  } -> null
  # (3 unchanged attributes hidden)

  - grant {
    - id          = "f1202060b9807d74dfff1f36dd0c9941c7d967204f9fff65616c87d68063e551b" -> null
    - permissions = [
      - "FULL_CONTROL",
    ] -> null
    - type        = "CanonicalUser" -> null
    # (1 unchanged attribute hidden)
  }

  - server_side_encryption_configuration {
    - rule {
      - bucket_key_enabled = false -> 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.deepaB_2202: Destroying... [id=my-bj-terraform-test-bucket11]
aws_s3_bucket.deepaB_2202: Destruction complete after 1s

Destroy complete! Resources: 1 destroyed.

C:\Terraform\script>
```

aws

Services

Search

[Alt+S]

N. Virginia

vociabs/user3386866-2022.deepa.behrani@ves.ac.in @ 5459-3233-...

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

Amazon S3

Account snapshot - updated every 24 hours

All AWS Regions

View Storage Lens dashboard

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

< 1 >

	Name	AWS Region	IAM Access Analyzer	Creation date
	elasticbeanstalk-us-east-1-545932335831	US East (N. Virginia) us-east-1	View analyzer for us-east-1	July 30, 2024, 09:12:42 (UTC+05:30)

CloudShell

Feedback

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