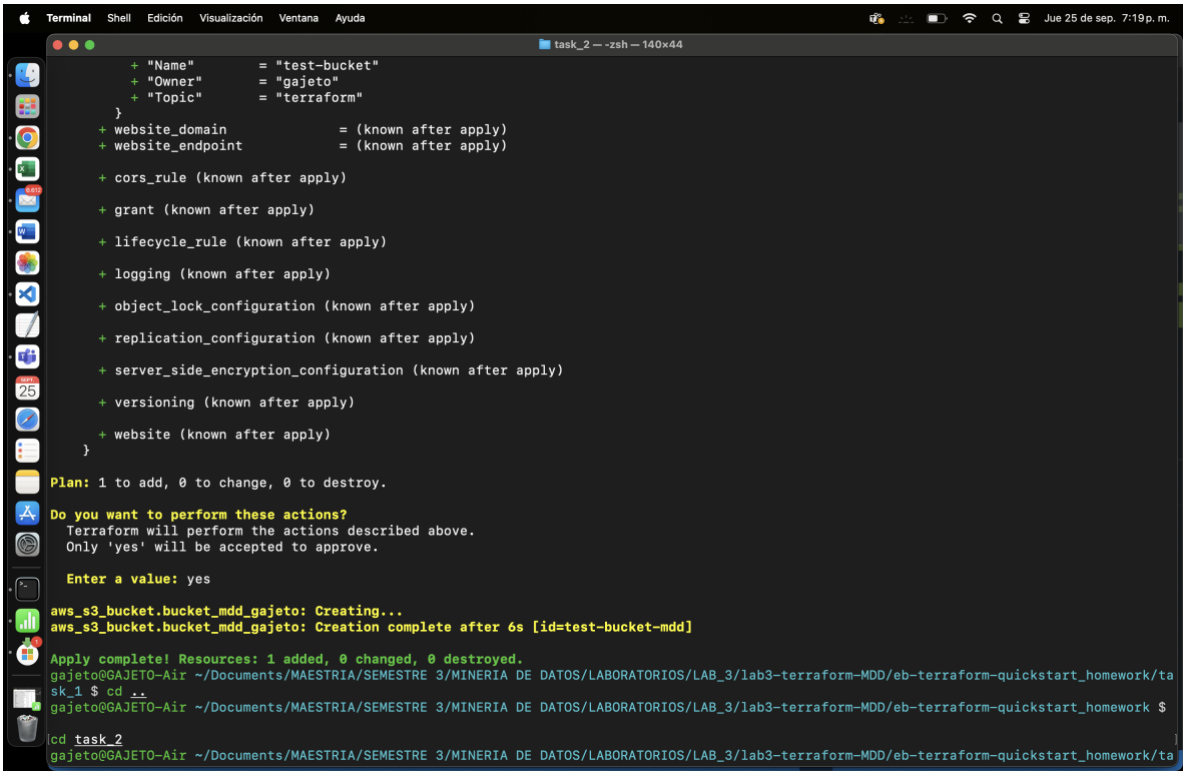
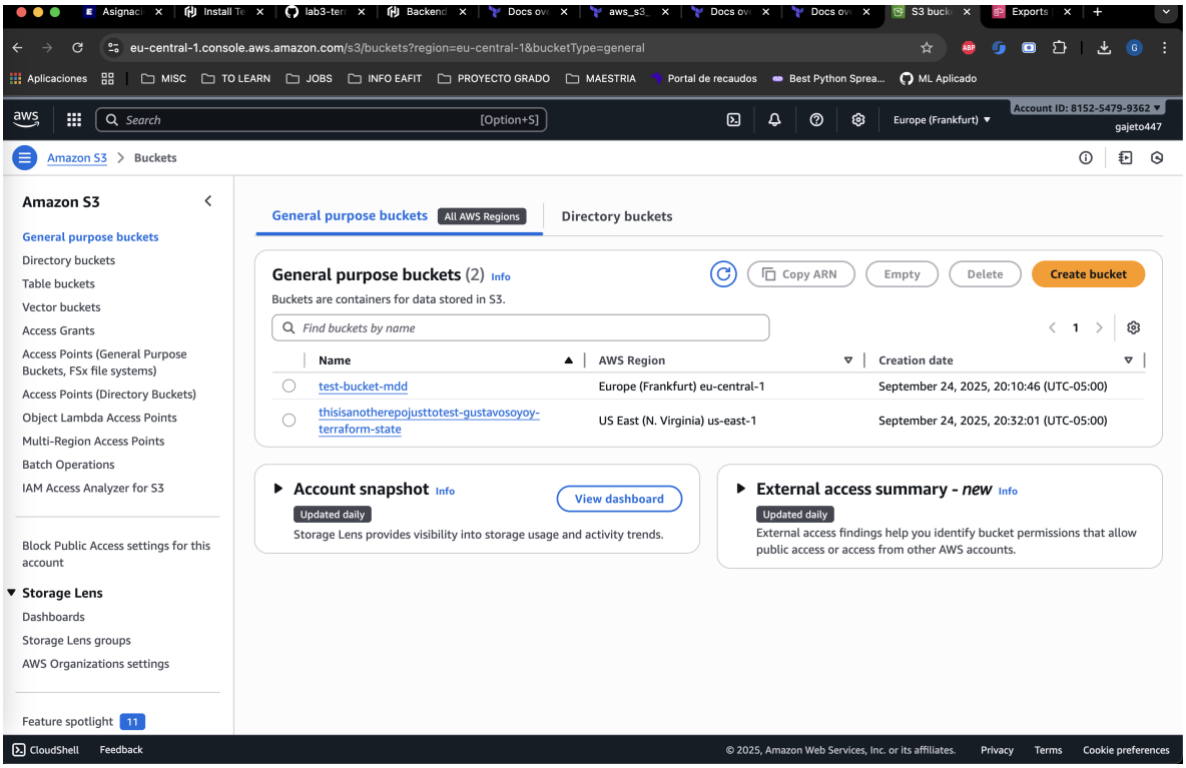
TASK 1


Terminal Shell Edición Visualización Ventana Ayuda
Jue 25 de sep. 7:19 p. m.
task_2 — -zsh — 140×44
+ "Name" = "test-bucket"
+ "Owner" = "gajeto"
+ "Topic" = "terraform"
}
+ 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.
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.bucket_mdd_gajeto: Creating...
aws_s3_bucket.bucket_mdd_gajeto: Creation complete after 6s [id=test-bucket-mdd]
Apply complete! Resources: 1 added, 0 changed, 0 destroyed.
gajeto@GAJETO-Air ~/Documents/MAESTRIA/SEMESTRE 3/MINERIA DE DATOS/LABORATORIOS/LAB_3/lab3-terraform-MDD/eb-terraform-quickstart_homework/task_1 $ cd ..
gajeto@GAJETO-Air ~/Documents/MAESTRIA/SEMESTRE 3/MINERIA DE DATOS/LABORATORIOS/LAB_3/lab3-terraform-MDD/eb-terraform-quickstart_homework $
cd task_2
gajeto@GAJETO-Air ~/Documents/MAESTRIA/SEMESTRE 3/MINERIA DE DATOS/LABORATORIOS/LAB_3/lab3-terraform-MDD/eb-terraform-quickstart_homework/ta


eu-central-1.console.aws.amazon.com/s3/buckets?region=eu-central-1&bucketType=general
Search [Option+S]
Europe (Frankfurt)
Account ID: 8152-5479-9362
gajeto447
Amazon S3 > Buckets
Amazon S3
General purpose buckets
Directory buckets
Table buckets
Vector buckets
Access Grants
Access Points (General Purpose Buckets, FSx file systems)
Access Points (Directory Buckets)
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
Feature spotlight 11
General purpose buckets All AWS Regions
Directory buckets
General purpose buckets (2) Info
Buckets are containers for data stored in S3.
Copy ARN
Empty
Delete
Create bucket
Find buckets by name
Name
AWS Region
Creation date
test-bucket-mdd
Europe (Frankfurt) eu-central-1
September 24, 2025, 20:10:46 (UTC-05:00)
thisisanotherepojusttotest-gustavosoyoy-terraform-state
US East (N. Virginia) us-east-1
September 24, 2025, 20:32:01 (UTC-05:00)
Account snapshot Info
Updated daily
View dashboard
Storage Lens provides visibility into storage usage and activity trends.
External access summary - new Info
Updated daily
External access findings help you identify bucket permissions that allow public access or access from other AWS accounts.
CloudShell
Feedback
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Privacy
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Cookie preferences

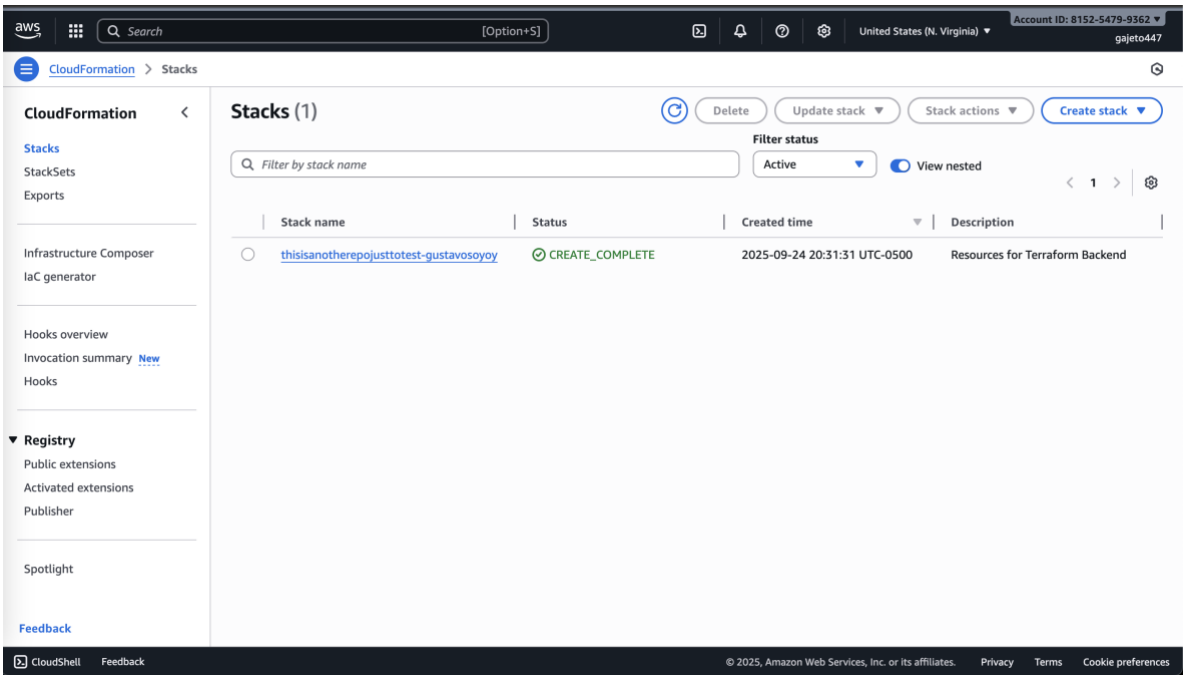
TASK 2

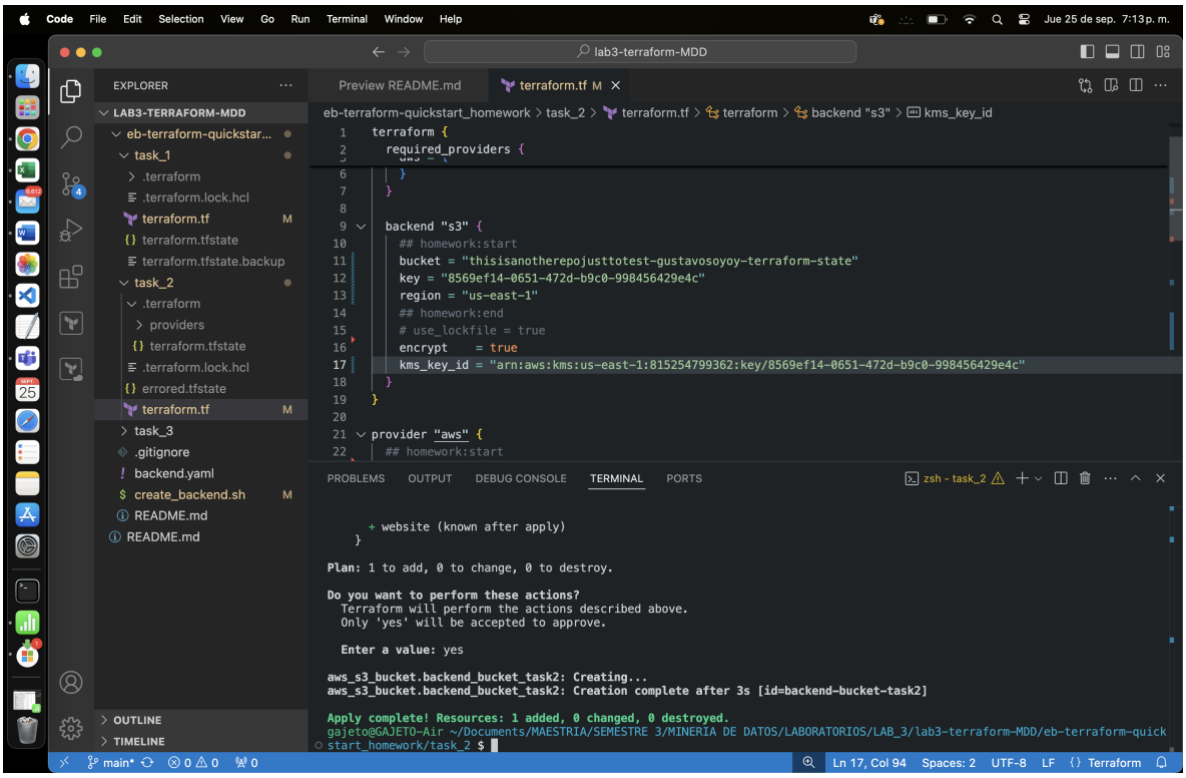
```
start_homework $
gajeto@GAJETO-Air ~/Documents/MAESTRIA/SEMESTRE 3/MINERIA DE DATOS/LABORATORIOS/LAB_3/lab3-terraform-MDD/eb-terraform-quick
start_homework $ bash ./create_backend.sh
thisisanotherepojusttotest-gustavosoyoy

Waiting for changeset to be created..
Waiting for stack create/update to complete
Successfully created/updated stack - thisisanotherepojusttotest-gustavosoyoy

S3 Bucket : thisisanotherepojusttotest-gustavosoyoy-terraform-state
KMS key id : 8569ef14-0651-472d-b9c0-998456429e4c
*** Add those values to your backend block
gajeto@GAJETO-Air ~/Documents/MAESTRIA/SEMESTRE 3/MINERIA DE DATOS/LABORATORIOS/LAB_3/lab3-terraform-MDD/eb-terraform-quick
start_homework $
```

Ln 12, Col 21 (7 selected) Spaces: 2 UTF-8 LF {} Terraform




Code File Edit Selection View Go Run Terminal Window Help
Jue 25 de sep. 7:13 p. m.
lab3-terraform-MDD
EXPLORER
LAB3-TERRAFORM-MDD
Preview README.md
terraform.tf M
eb-terraform-quickstart_homework > task_2 > terraform.tf > terraform > backend "s3" > kms_key_id
terraform {
required_providers {
}
}
backend "s3" {
homework:start
bucket = "thisisanotherepojusttotest-gustavosoyoy-terraform-state"
key = "8569ef14-0651-472d-b9c0-998456429e4c"
region = "us-east-1"
homework:end
# use_lockfile = true
encrypt = true
kms_key_id = "arn:aws:kms:us-east-1:815254799362:key/8569ef14-0651-472d-b9c0-998456429e4c"
}
}
provider "aws" {
homework:start
task_1
.terraform
.terraform.lock.hcl
terraform.tf
terraform.tfstate
terraform.tfstate.backup
task_2
.terraform
providers
terraform.tfstate
.terraform.lock.hcl
errored.tfstate
terraform.tf
task_3
.gitignore
backend.yaml
create_backend.sh
README.md
README.md
OUTLINE
TIMELINE
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
zsh - task_2
+ website (known after apply)
}
Plan: 1 to add, 0 to change, 0 to destroy.
Do you want to perform these actions?
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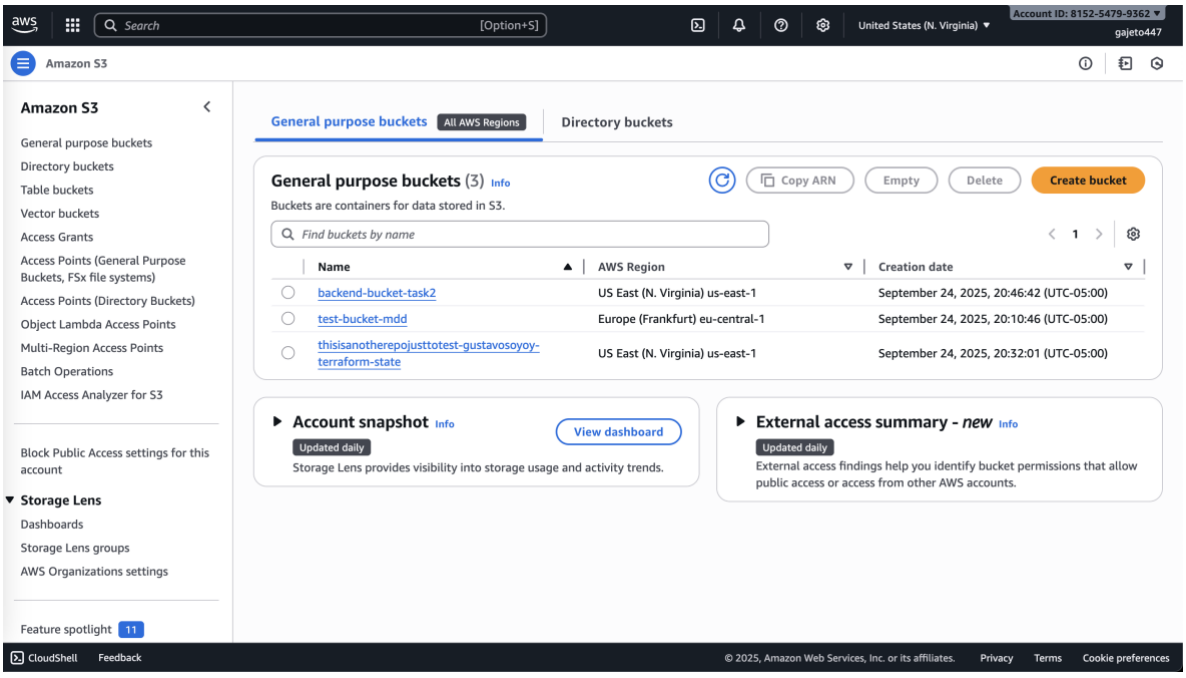
Only 'yes' will be accepted to approve.
Enter a value: yes
aws_s3_bucket.backend_bucket_task2: Creating...
aws_s3_bucket.backend_bucket_task2: Creation complete after 3s [id=backend-bucket-task2]
Apply complete! Resources: 1 added, 0 changed, 0 destroyed.
gajeto@GAJETO-Air ~/Documents/MAESTRIA/SEMESTRE 3/MINERIA DE DATOS/LABORATORIOS/LAB_3/lab3-terraform-MDD/eb-terraform-quick
start_homework/task_2 $
main*
0 0 0
Ln 17, Col 94
Spaces: 2
UTF-8
LF
Terraform


aws
Search
[Option+S]
United States (N. Virginia)
Account ID: 8152-5479-9362
gajeto447
Amazon S3
Amazon S3
General purpose buckets
Directory buckets
Table buckets
Vector buckets
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General purpose buckets (3) Info
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Copy ARN
Empty
Delete
Create bucket
Find buckets by name
Name
AWS Region
Creation date
backend-bucket-task2
US East (N. Virginia) us-east-1
September 24, 2025, 20:46:42 (UTC-05:00)
test-bucket-mdd
Europe (Frankfurt) eu-central-1
September 24, 2025, 20:10:46 (UTC-05:00)
thisisanotherepojusttotest-gustavosoyoy-terraform-state
US East (N. Virginia) us-east-1
September 24, 2025, 20:32:01 (UTC-05:00)
Account snapshot Info
Updated daily
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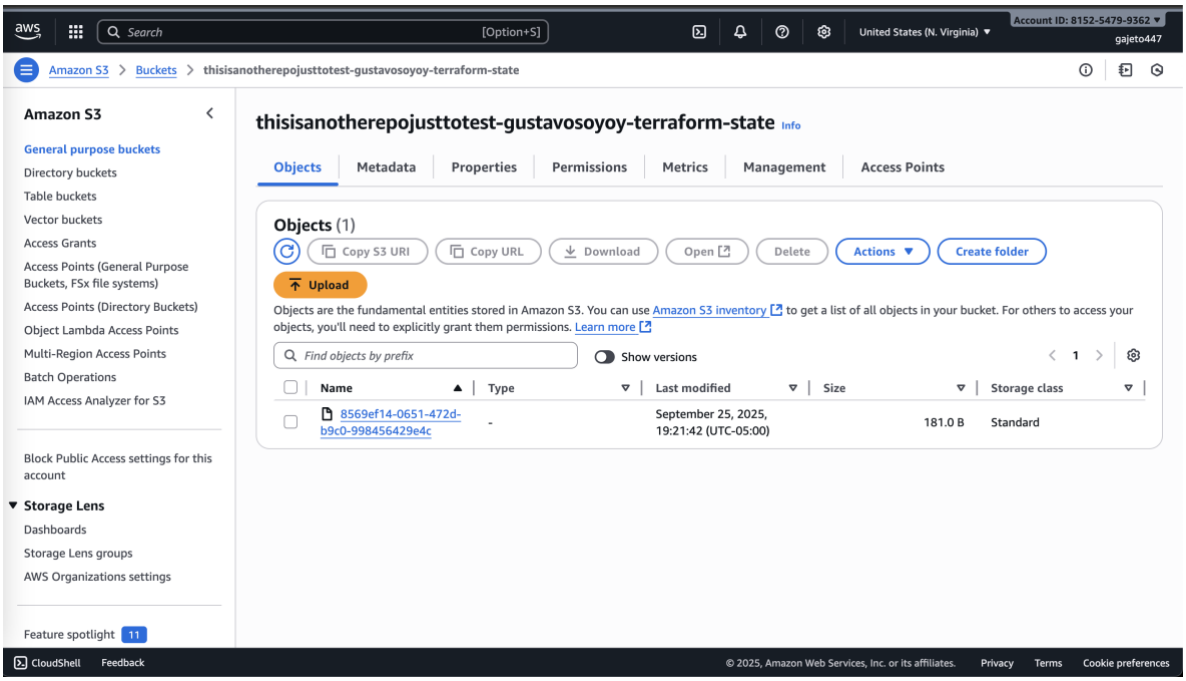
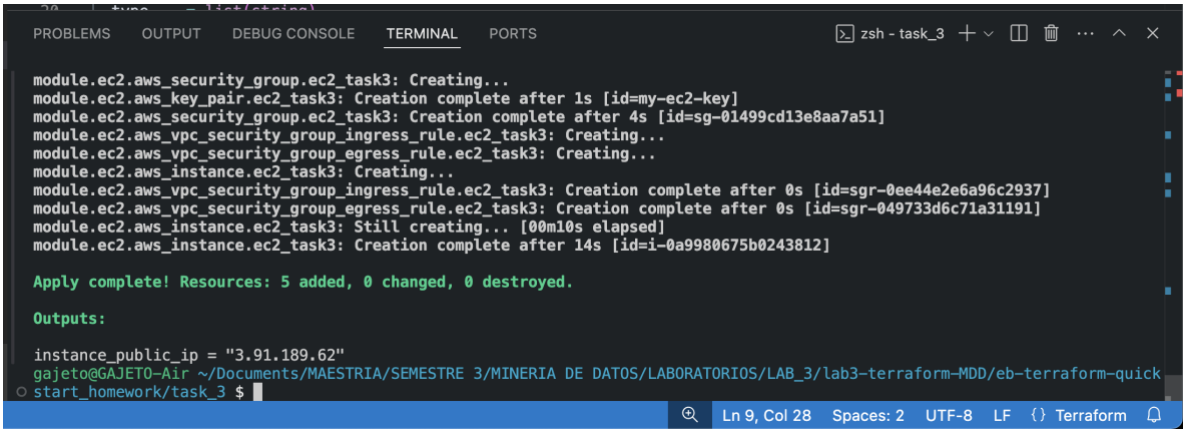
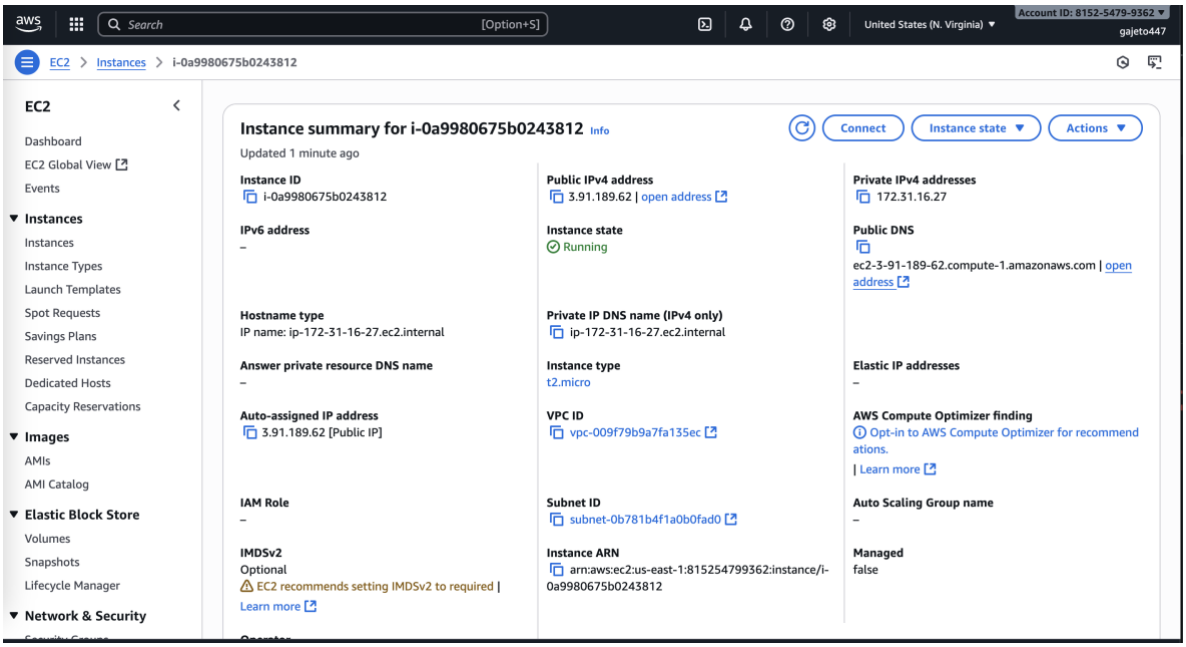


TASK 3

AWS access portal URL: https://d-906629815b.awsapps.com/start,
Username: gajeto,
One-time password: 0?Xs0iBm%vBd&AHI@C




aws
Search
[Option+S]
United States (N. Virginia)
Account ID: 8152-5479-9362
gajeto447
EC2 > Instances > i-0a9980675b0243812
EC2
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Instance summary for i-0a9980675b0243812 Info
Updated 1 minute ago
Connect
Instance state
Actions
Instance ID
i-0a9980675b0243812
Public IPv4 address
3.91.189.62 | open address
Private IPv4 addresses
172.31.16.27
IPv6 address
–
Instance state
Running
Public DNS
ec2-3-91-189-62.compute-1.amazonaws.com | open address
Hostname type
IP name: ip-172-31-16-27.ec2.internal
Private IP DNS name (IPv4 only)
ip-172-31-16-27.ec2.internal
Answer private resource DNS name
–
Instance type
t2.micro
Elastic IP addresses
–
Auto-assigned IP address
3.91.189.62 [Public IP]
VPC ID
vpc-009f79b9a7fa135ec
AWS Compute Optimizer finding
Opt-in to AWS Compute Optimizer for recommendations.
| Learn more
IAM Role
–
Subnet ID
subnet-0b781b4f1a0b0fad0
Auto Scaling Group name
–
IMDSv2
Optional
EC2 recommends setting IMDSv2 to required |
Learn more
Instance ARN
arn:aws:ec2:us-east-1:815254799362:instance/i-0a9980675b0243812
Managed
false