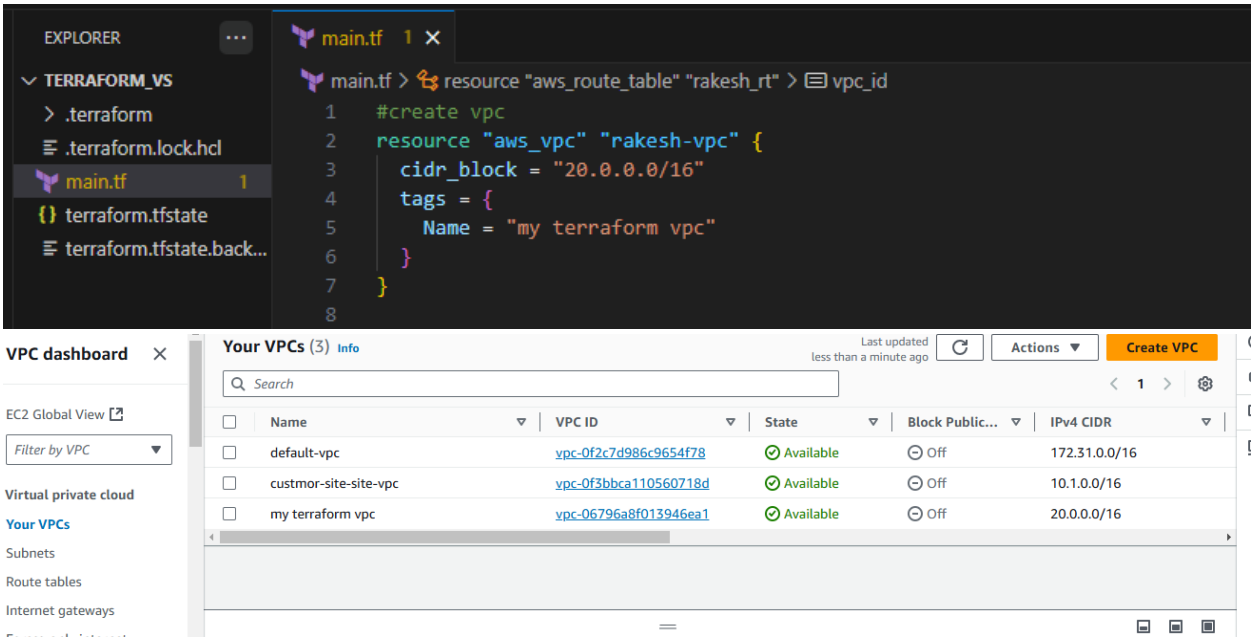
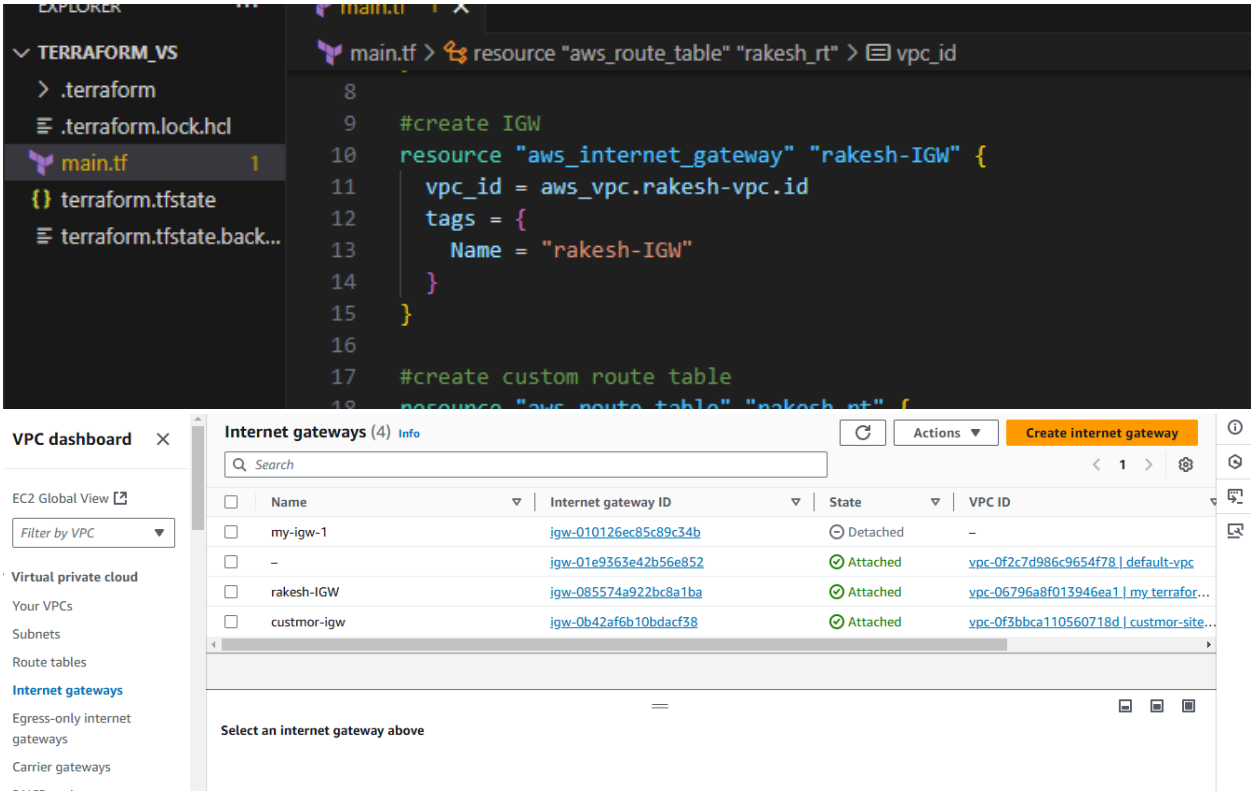
Terraform final tasks

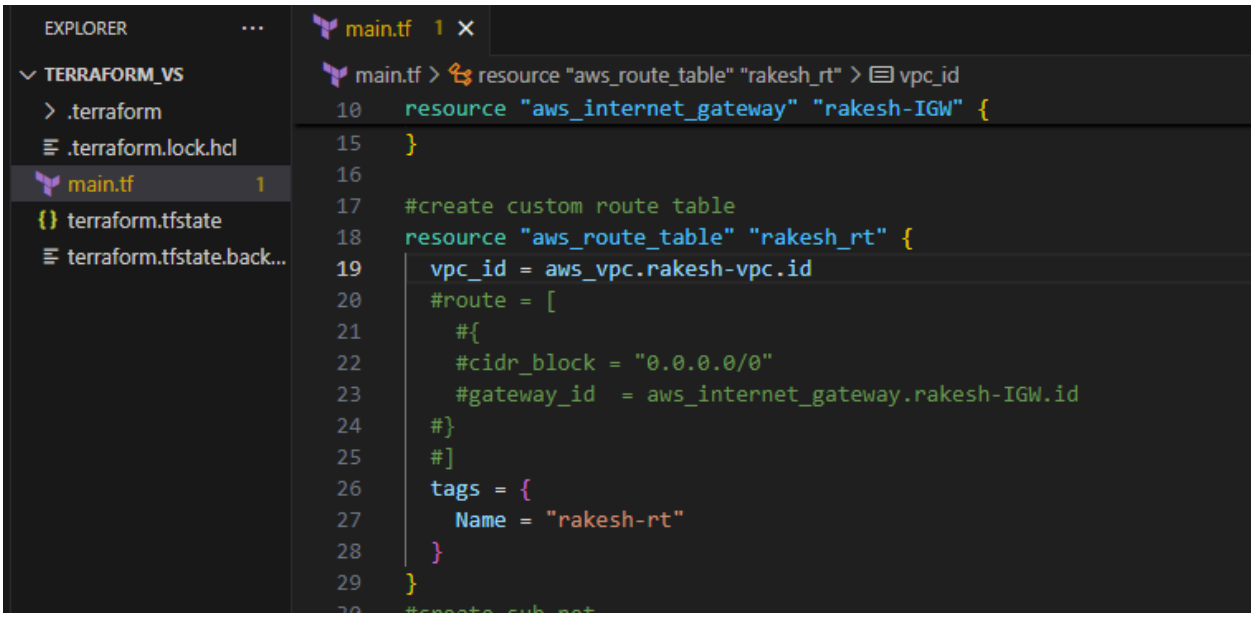
1) Create VPC

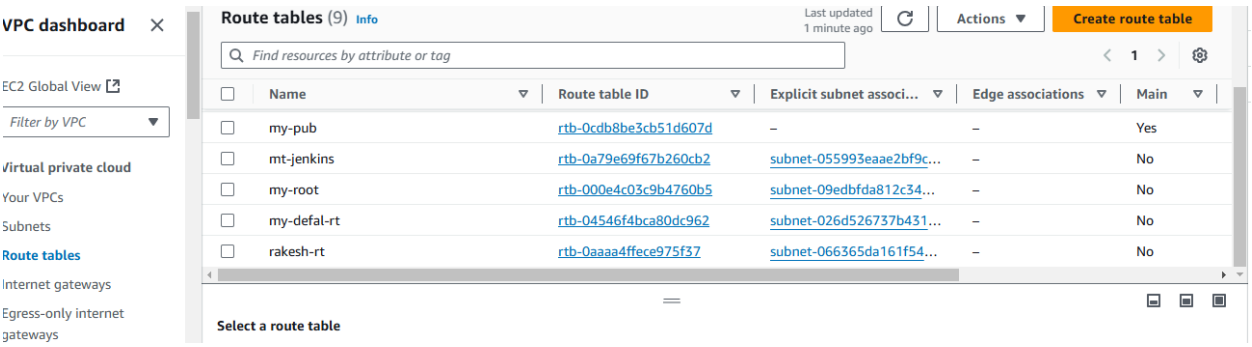


2) Create Internet gateway

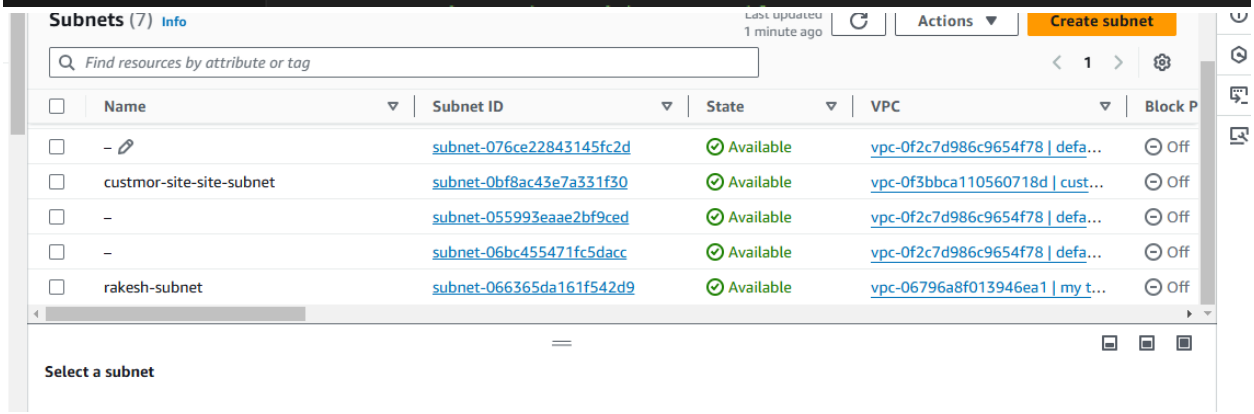


3) Create Custom Route Table

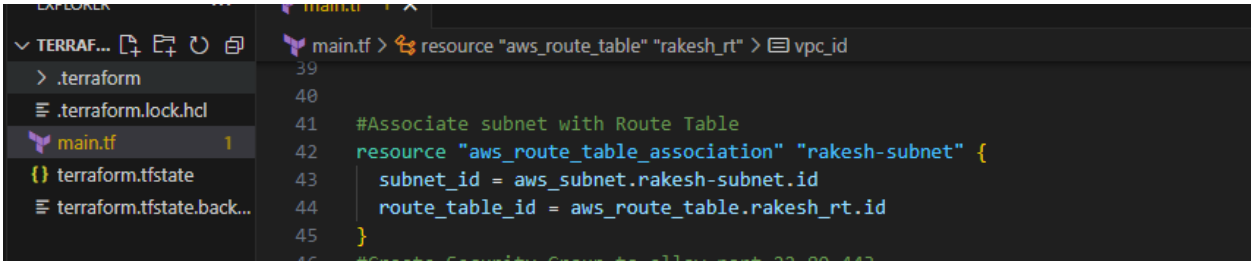


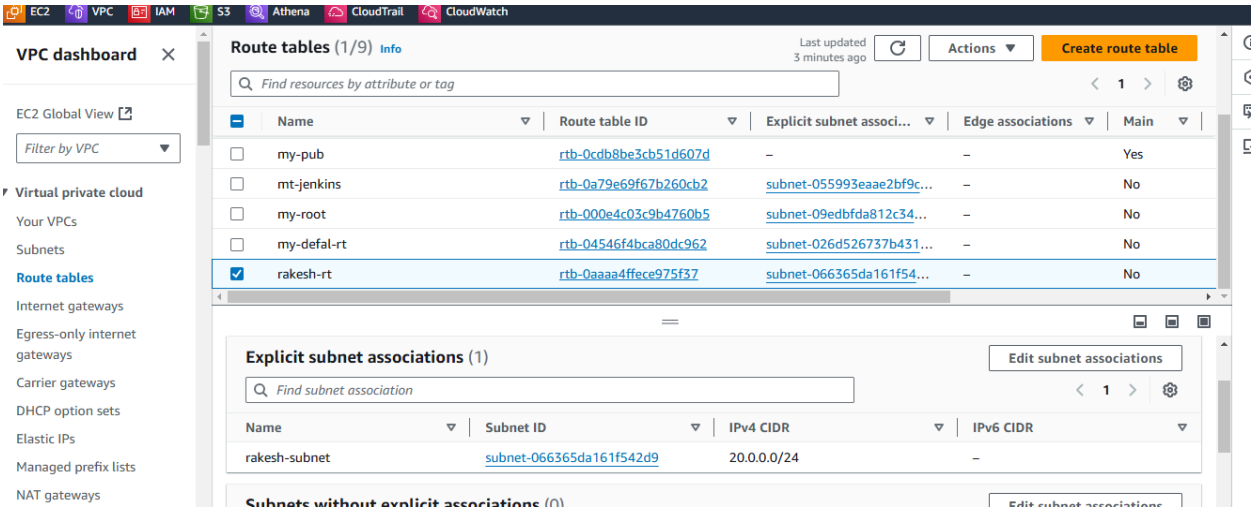


4) Create Subnet

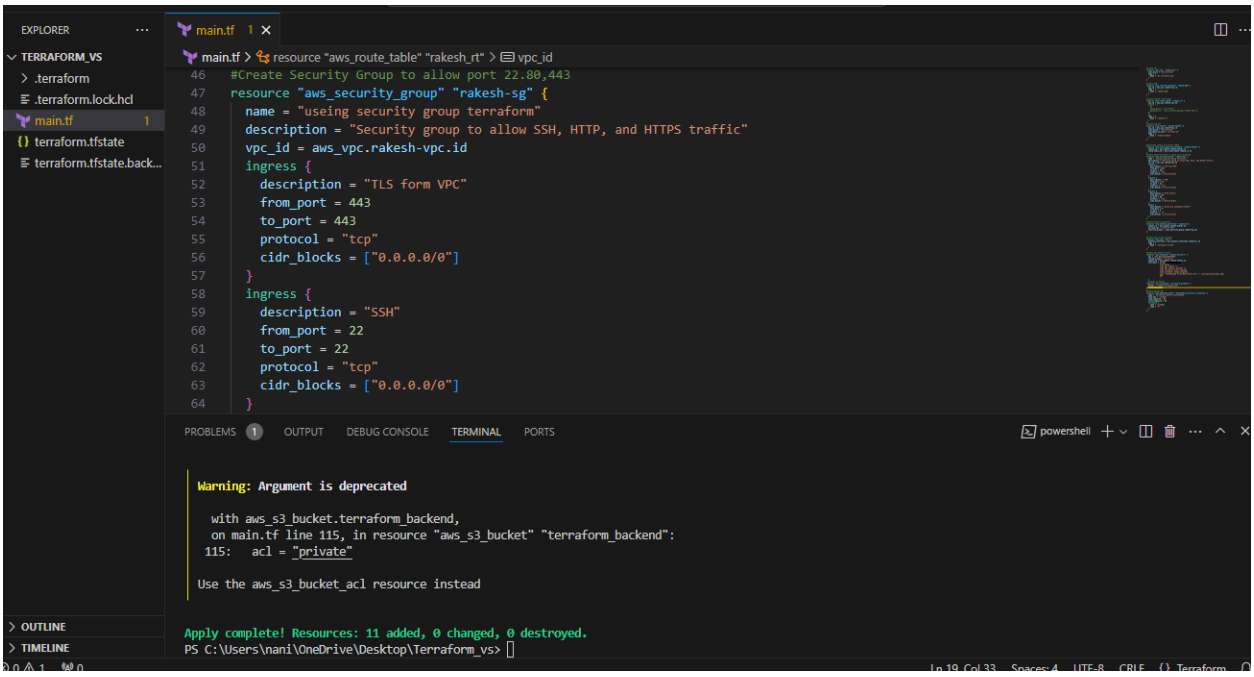


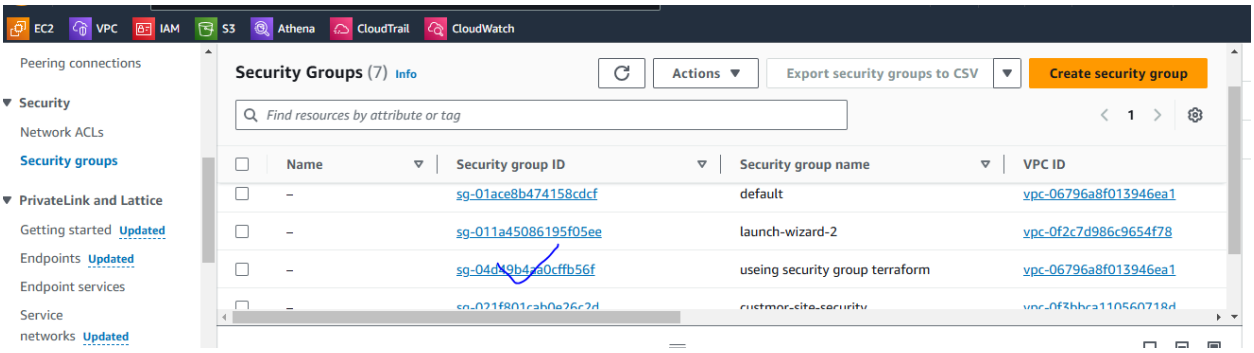
5) Associate subnet with Route Table

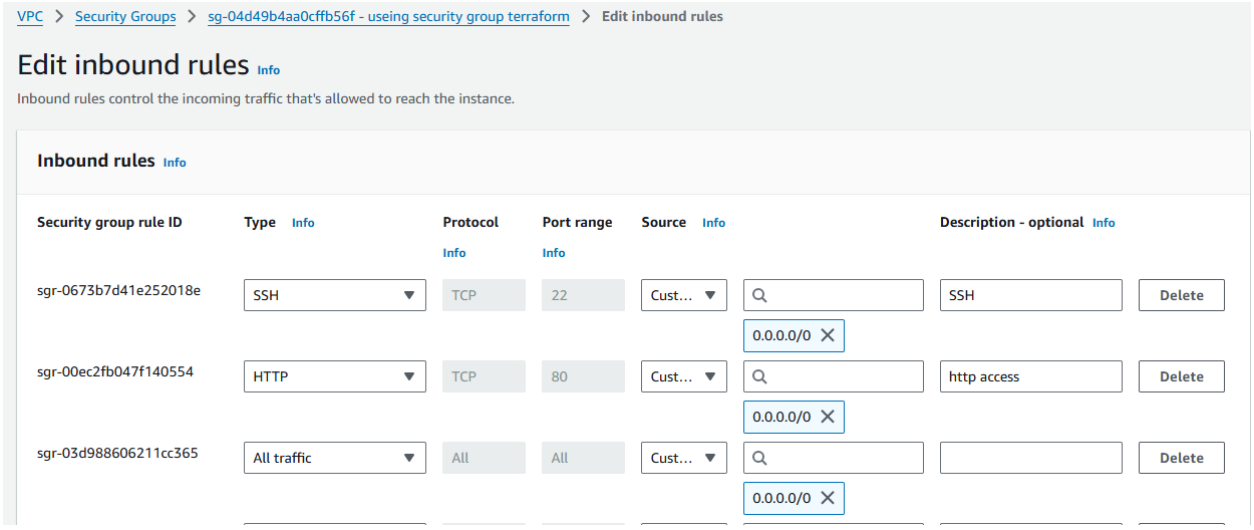




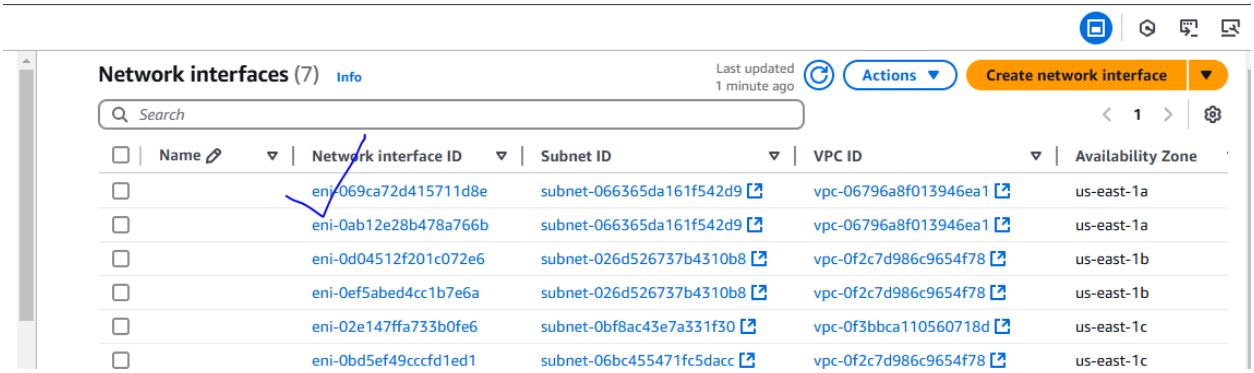
6) Create Security Group to allow port 22.80,443



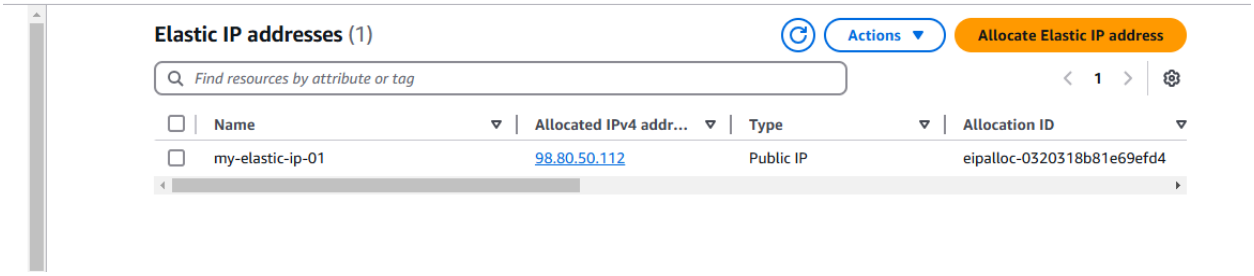




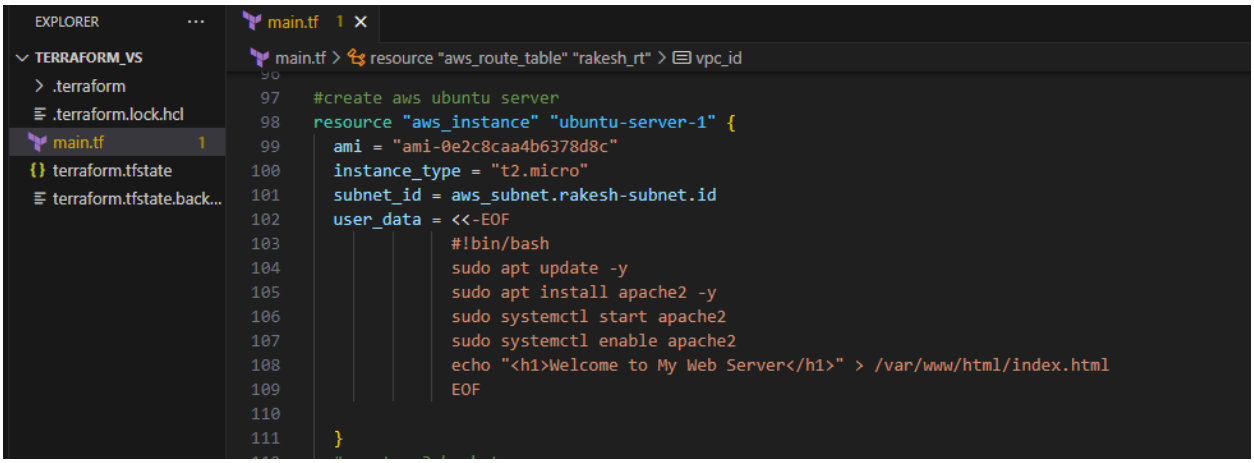
7) Create a network interface with an ip in the subnet that was created in step 4

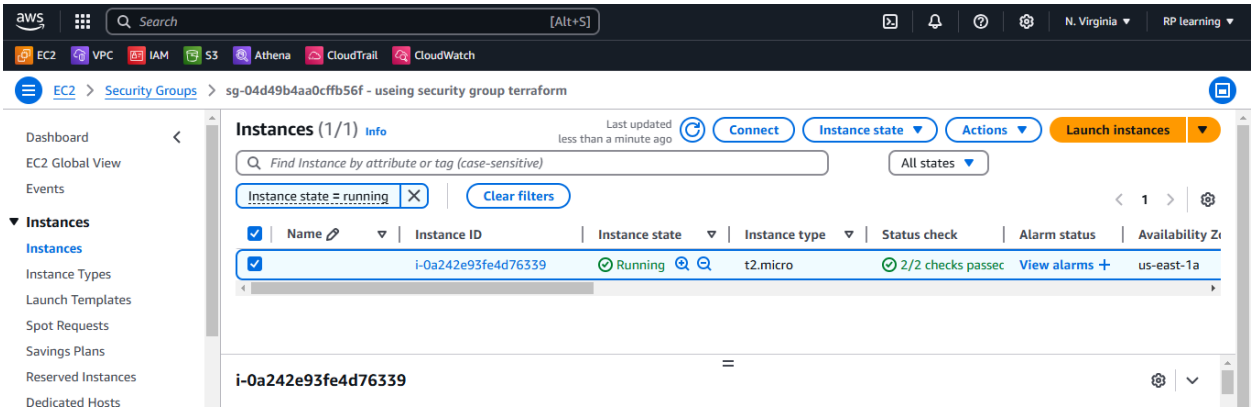


8) Assign an elastic IP to the network interface created in step 7

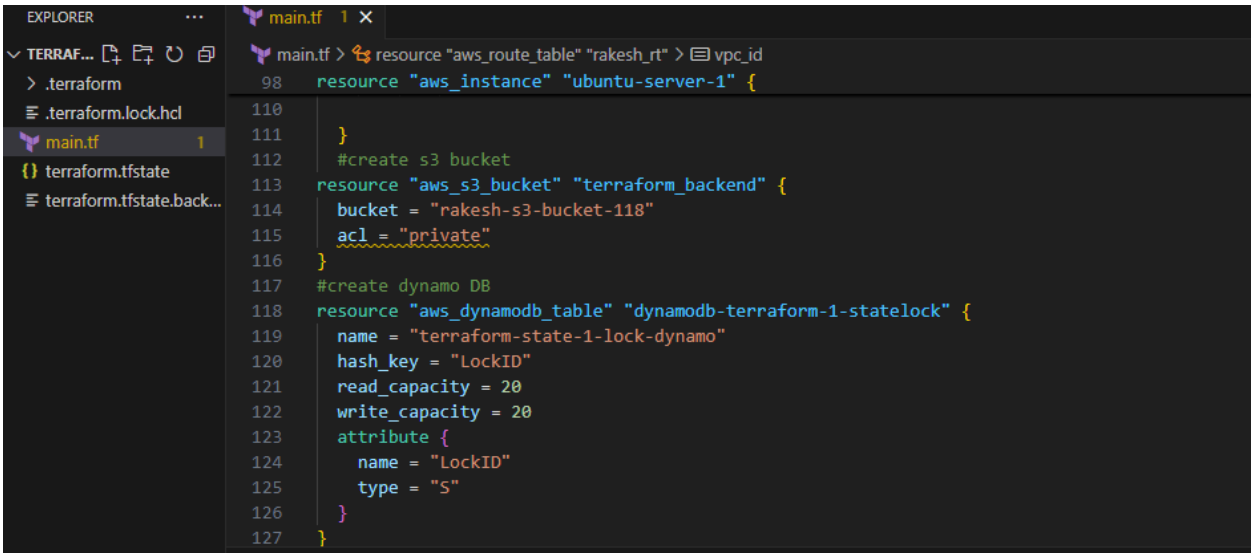


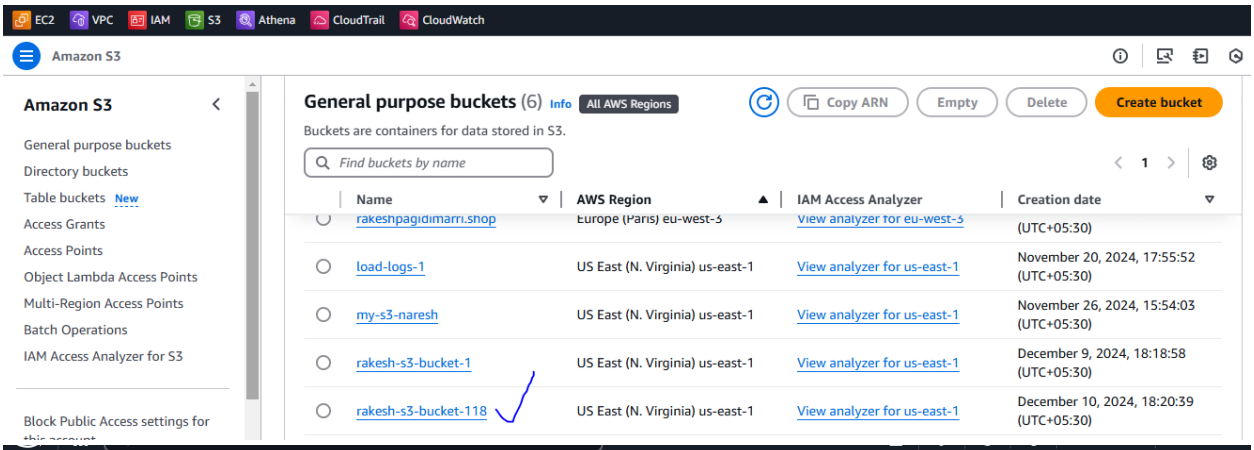
9) Create Ubuntu server and install/enable apache2

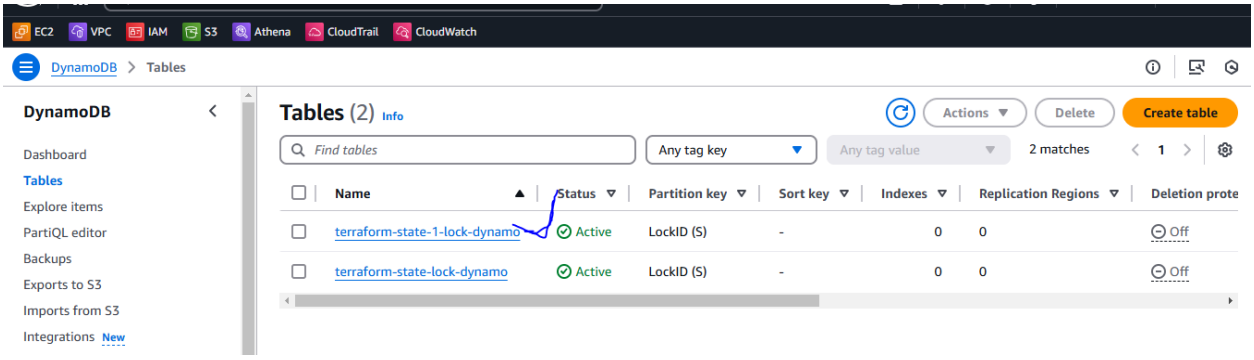




Configure s3 as backend and dynamo db locking for multi user execution


EXPLORER
main.tf 1
TERRAF...
.terraform
.terraform.lock.hcl
main.tf 1
terraform.tfstate
terraform.tfstate.back...
main.tf > resource "aws_route_table" "rakesh_rt" > vpc_id
98 resource "aws_instance" "ubuntu-server-1" {
110
111 }
112 #create s3 bucket
113 resource "aws_s3_bucket" "terraform_backend" {
114 bucket = "rakesh-s3-bucket-118"
115 acl = "private"
116 }
117 #create dynamo DB
118 resource "aws_dynamodb_table" "dynamodb-terraform-1-statelock" {
119 name = "terraform-state-1-lock-dynamo"
120 hash_key = "LockID"
121 read_capacity = 20
122 write_capacity = 20
123 attribute {
124 name = "LockID"
125 type = "S"
126 }
127 }


EC2 VPC IAM S3 Athena CloudTrail CloudWatch
Amazon S3
Amazon S3
General purpose buckets
Directory buckets
Table buckets New
Access Grants
Access Points
Object Lambda Access Points
Multi-Region Access Points
Batch Operations
IAM Access Analyzer for S3
Block Public Access settings for
General purpose buckets (6) 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
load-logs-1 US East (N. Virginia) us-east-1 View analyzer for us-east-1 November 20, 2024, 17:55:52 (UTC+05:30)
my-s3-naresh US East (N. Virginia) us-east-1 View analyzer for us-east-1 November 26, 2024, 15:54:03 (UTC+05:30)
rakesh-s3-bucket-1 US East (N. Virginia) us-east-1 View analyzer for us-east-1 December 9, 2024, 18:18:58 (UTC+05:30)
rakesh-s3-bucket-118 US East (N. Virginia) us-east-1 View analyzer for us-east-1 December 10, 2024, 18:20:39 (UTC+05:30)


EC2 VPC IAM S3 Athena CloudTrail CloudWatch
DynamoDB > Tables
DynamoDB
Dashboard
Tables
Explore items
PartiQL editor
Backups
Exports to S3
Imports from S3
Integrations New
Tables (2) Info
Actions Delete Create table
Find tables
Any tag key
Any tag value
2 matches
1
Name Status Partition key Sort key Indexes Replication Regions Deletion prote
terraform-state-1-lock-dynamo Active LockID (S) - 0 0 Off
terraform-state-lock-dynamo Active LockID (S) - 0 0 Off