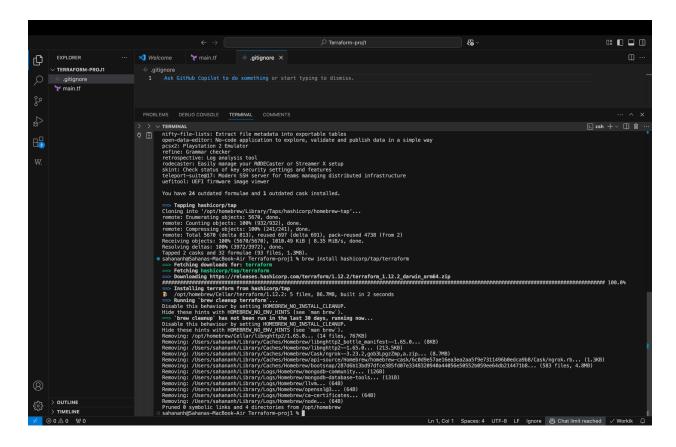
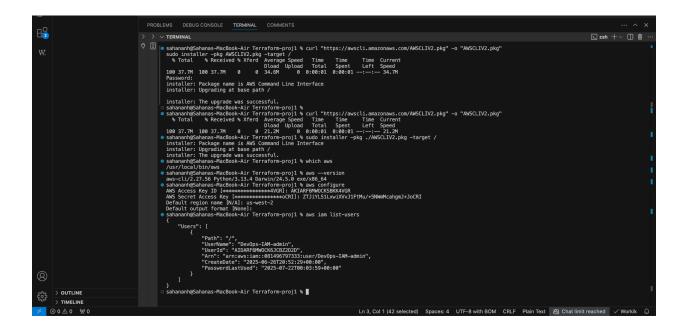
AWS Web Server Infrastructure with Terraform

Installation on MacOS

brew tap hashicorp/tap brew install hashicorp/tap/terraform



Install AWS CLI



Go to EC2 instance in IAM user account and create a key pair

Initialize the terraform

```
eg .
                                                                                                                                                                                                                                                                                                                                                                                                                                             0: 🔲 📟 🖽
                                                                               🔭 main.tf ×
£
               EXPLORER
                > .terraform
                  .gitignore
                                                                                                   tags = {
  Name = "allow_web_traffic"

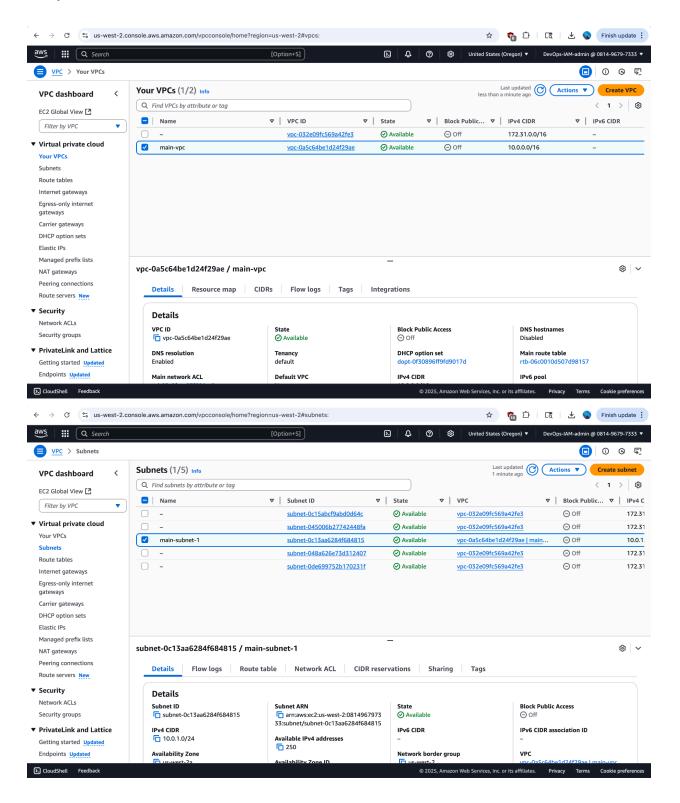
            ≡ AWSCLIV2.pkq

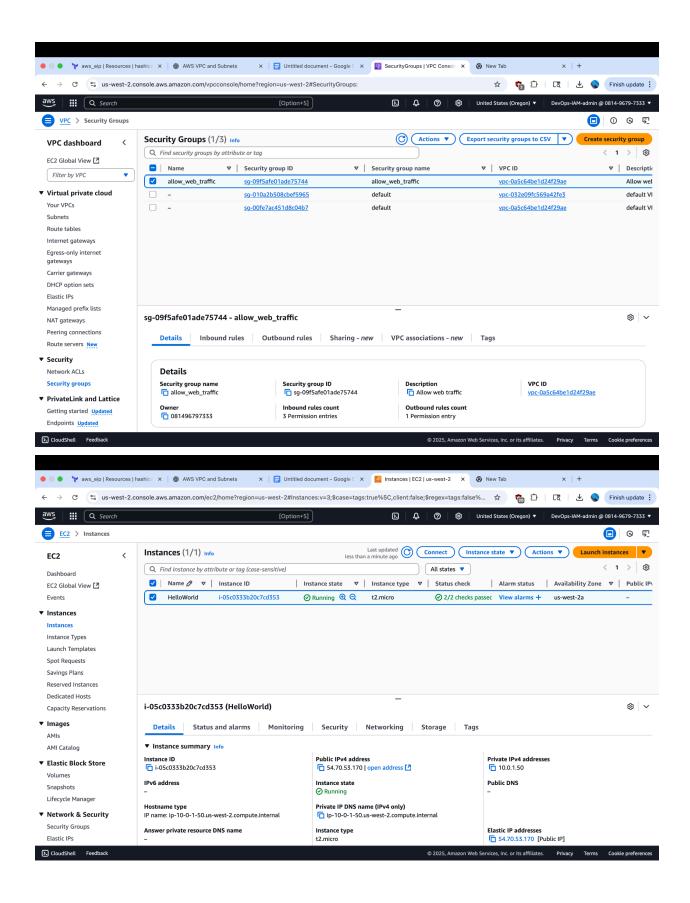
<del>6</del>2
                                                                                 PROBLEMS DEBUG CONSOLE TERMINAL COMMENTS
                                                                                    > v TERMINAL
                                                                                                                                                                                                                                                                                                                                                                                                                               ∑ zsh + ∨ [] fi
                                                                                 ■ Sahanas-MacBook-Air Terraform-projl % terraform init
Initializing the backend...
Initializing provider plants...
Initializing provider plants...
Initializing provider plants...
Initializing provider plants...
Installed hashicory/aws v6.4.8 (signed by HashiCory)
Installed hashicory/aws v6.4.8 (signed by HashiCory)
Intraform has created a lock file terraform.lock.hel to record the provider selections it made above. Include this file in your version control repository so that terraform on 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. sahananh@Sahanas-MacBook-Air Terraform-proj1 % ■
           > OUTLINE
                                                                                                                                                                                                                                                                                          Ln 127, Col 55 Spaces: 4 UTF-8 LF Terraform 🔠 Chat limit reached 🗸 Workik
```

Terraform apply

```
TRANSMIT Secretor Sec
```

Verify VPC, Subnet, route table, EC2





access your server:

```
interstre. 4.4 / Arm 6.4 cmg
isahmann@Sahman-MacBook-Air downloads % chmod 400 *terrafrom-ec2-access-key-pair.pem*
sahmann@Sahman-MacBook-Air downloads % sh -i *terrafrom-ec2-acces-key-pair.pem*
sahmann@Sahman-MacBook-Air downloads % sh -i *terrafrom-ec2-acces-key-pair.pem*
ushmand@Sahman-MacBook-Air downloads % sh -i *terrafrom-ec2-acces-key-pair.pem*
ushmand@Sahmand@Sahman-MacBook-Air downloads % sh -i *terrafrom-ec2-acces-key-pair.pem*
ushmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sahmand@Sah
```

Terraform Destroy

