## **SPCM LAB-8**

Objective:Learn how to use Terraform to create a basic Virtual Private Cloud (VPC) in AWS.

Create a VPC tf file and run terraform apply -auto-approve

```
gauravbhandari@gauravs—Air—2 aws—terraform—demo % terraform apply —auto—approve

Terraform used the selected providers to generate the following execution plan. Resource actions are
indicated with the following symbols:
+ create
```

```
Plan: 3 to add, 0 to change, 0 to destroy.

aws_vpc.my_vpc: Creating...

aws_vpc.my_vpc: Creation complete after 2s [id=vpc-0d78d16f0eeb94678]

aws_subnet.sub1[0]: Creating...

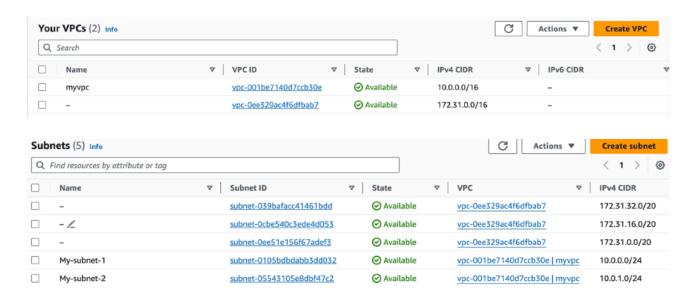
aws_subnet.sub1[1]: Creating...

aws_subnet.sub1[1]: Creation complete after 0s [id=subnet-040b83f3ed0058874]

aws_subnet.sub1[0]: Creation complete after 0s [id=subnet-0940302ced58ed075]

Apply complete! Resources: 3 added, 0 changed, 0 destroyed.
```

Check the aws console and verify the creation of required resources.



• After experimentation run terraform destroy -auto-approve

```
gauravbhandari@gauravs-Air-2 aws-terraform-deno % terraform destroy -auto-approve
aws_vpc.my_vpc: Refreshing state... [id=vpc-001be7140d7ccb30e]
aws_subnet.sub1[1]: Refreshing state... [id=subnet-05543105e8dbf47c2]
aws_subnet.sub1[0]: Refreshing state... [id=subnet-0105bdbdabb3dd032]
```

```
Plan: 0 to add, 0 to change, 3 to destroy.

aws_subnet.sub1[0]: Destroying... [id=subnet-0105bdbdabb3dd032]

aws_subnet.sub1[1]: Destroying... [id=subnet-05543105e8dbf47c2]

aws_subnet.sub1[0]: Destruction complete after 0s

aws_subnet.sub1[1]: Destruction complete after 0s

aws_vpc.my_vpc: Destroying... [id=vpc-001be7140d7ccb30e]

aws_vpc.my_vpc: Destruction complete after 1s

Destroy complete! Resources: 3 destroyed.
```