

LAB – VPC (Virtual Private Cloud)

1. Create a vpc with CIDR (network range) 10.32.0.0/16
 - a. MyVPC
 - i. VPC Default Security Group will be created
 - ii. Network ACL (Network Access Control List)
 - iii. Default Route table (Public)
 1. PublicRT
2. Create 1 public subnet
 - a. Use CIDR 10.32.0.0/24
 - i. MyPublicSubnet
 - ii. Availability zone is 1a
3. Create 1 private subnets
 - a. Use CIDR 10.32.2.0/24
 - i. MyPrivateSubnet
 - ii. Availability zone is 1b
4. Create an Internet Gateway (IGW)
 - a. MyIGW
 - i. Attach IGW to MyVPC
5. Create a NAT gateway (NATGW)
 - a. MyNatGW
 - i. Select a public subnet
 1. We create NAT gateway in Public subnet but associate it with private subnet
 - ii. Allocate a new Elastic IP Address (Public IP address)
6. Create 1 more Route table
 - a. PrivateRT
7. Configure Route Table
 - a. PublicRT
 - b. PrivateRT

Question:

How do you configure your private and public network?

Answer:

- a. By associating your private subnet with your private RT
- b. By associating your public subnet with your public RT