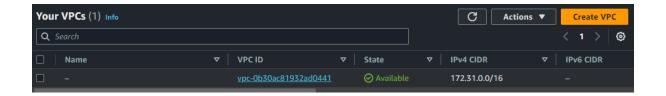
Module 5: VPC Creation Assignment

Problem Statement:

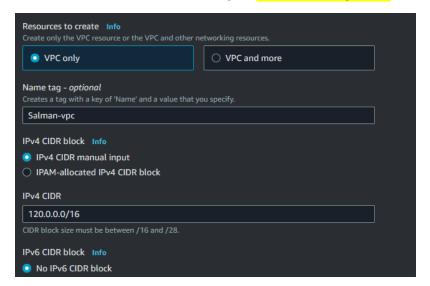
Working for an organization, you are required to provide them a safe and secure environment for the deployment of their resources. They might require different types of connectivity. Implement the following to fulfill the requirements of the company.

Tasks To Be Performed:

- 1. Create a VPC with 120.0.0.0/16 CIDR block.
- Create 1 public subnet 2 private subnets and make sure you connect a NAT gateway for internet connectivity to a private subnet.
- 1. Go Search Menu Search VPC and Click Create VPC



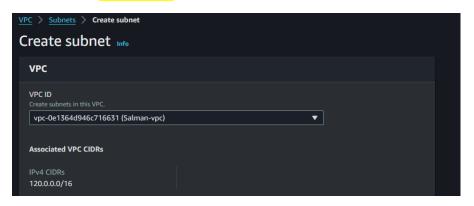
2. And Select Below The Configure As Per the Assignment



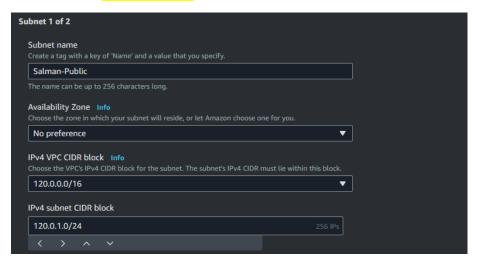
3. Go Subnet Section Below the VPC U will find Click Create Subnet



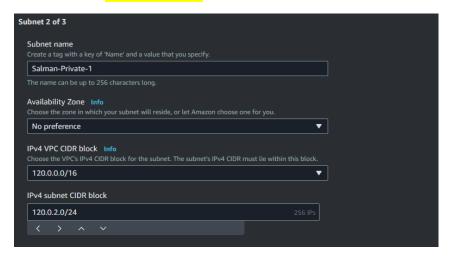
4. Select Created VPC



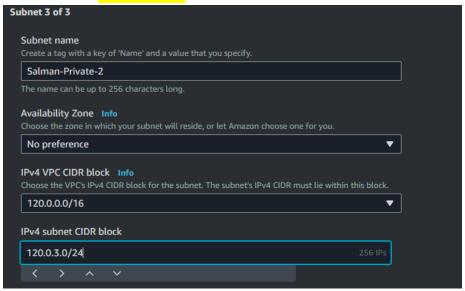
5. Create 1 Public Subnet



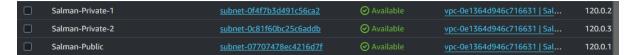
6. Create 2 Private Subnet



7. Second Private Subnet



8. Now Subnets are Created Successfully



9. Create IGW



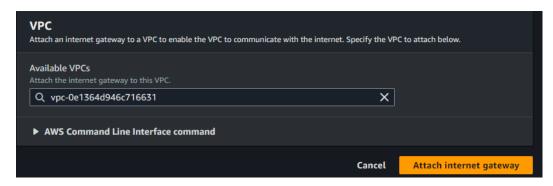
10. Give Name as ur wish



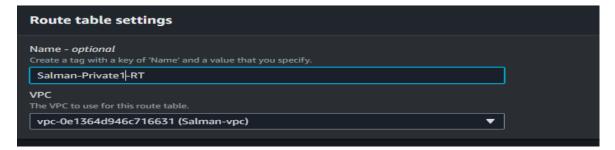
11. Attach To VPC



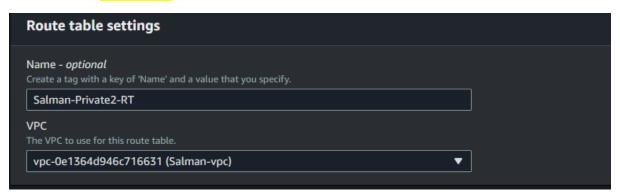
12. Select Created VPC



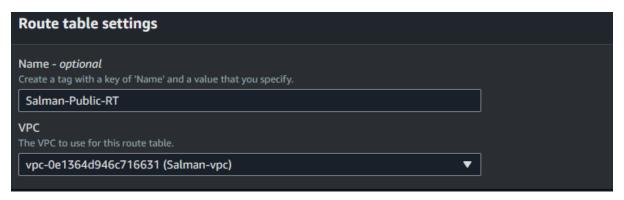
13. Create Private-1 RT's



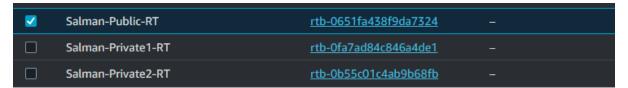
14. Create Private-2 RT



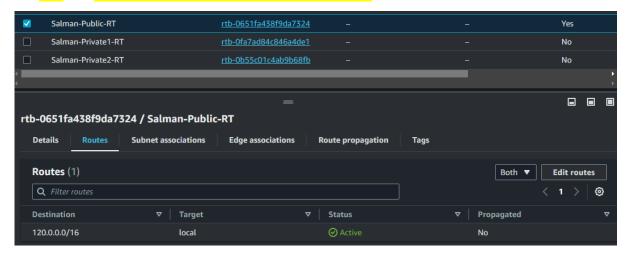
15. Create Public RT



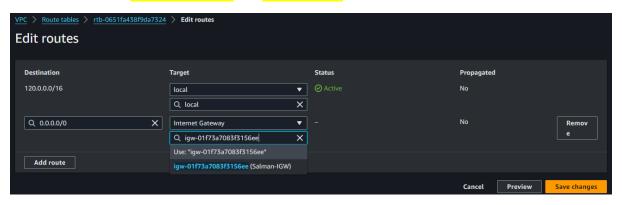
16. Successfully Created



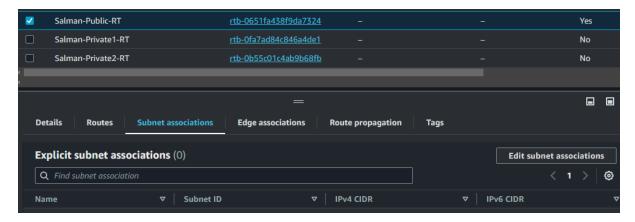
17. Now Select Public Subnet > Go Routes > Edit Routes



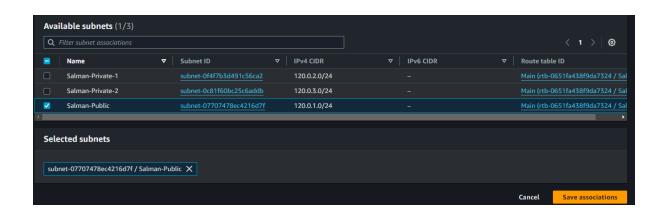
18. Destination Choose everyone and Target is IGW and Save Changes



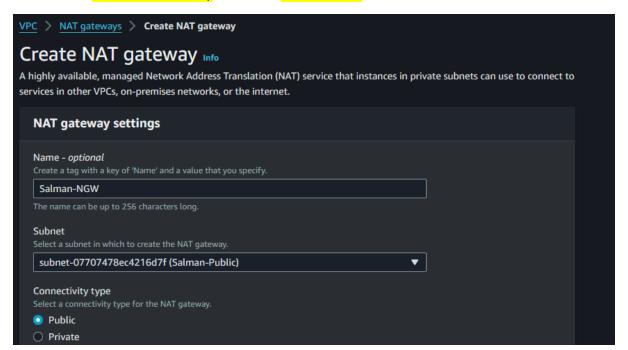
19. Now Again Select Public RT and This Select Edit Subnet Associations and click



20. Select Public Subnet and Save Associations



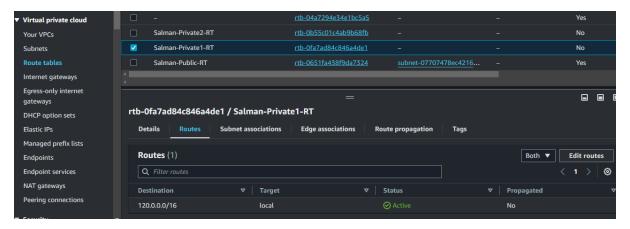
21. Now Create Nat Gateway and Select Public Subnet



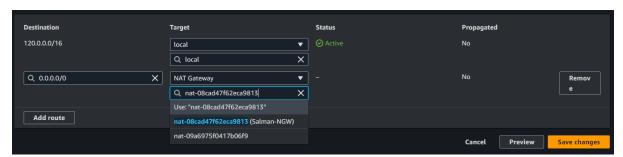
22. Now U will find the Created Nat Gateway



23. Select Private RT and Go to Routes and Click Edit Routes



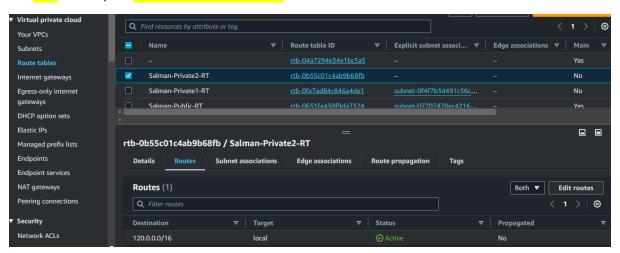
24. Destination Everyone and Target NAT GATEWAY



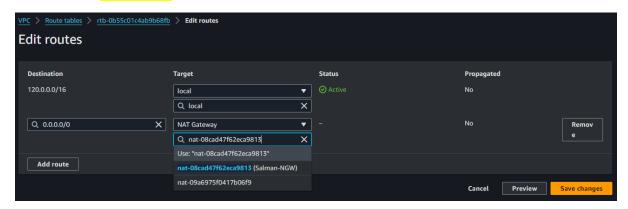
25. Now Go To Subnet Associations and Edit and Select Private Subnet Associations and I Forgotted to take the Screenshot



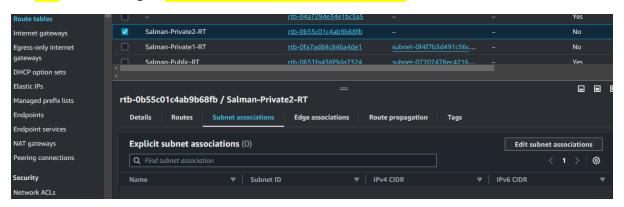
26. Now Repeat like Private-1 to Private-2



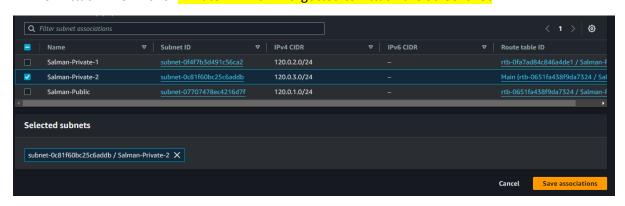
27. Allow Natgateway



28. Now Come Again Select Subnet Associations and Click Edit



29. Attach Like This for Private-1 which I Forgotted to Attach the Screenshot



Thank You