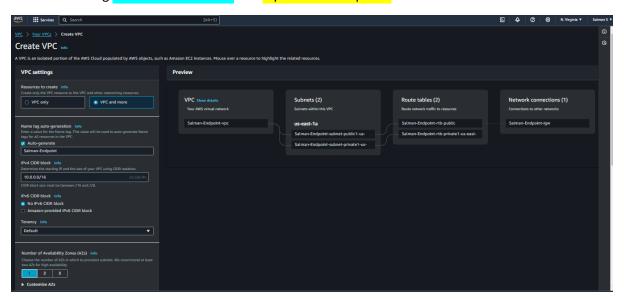
Module 5: VPC Endpoints Assignment

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:

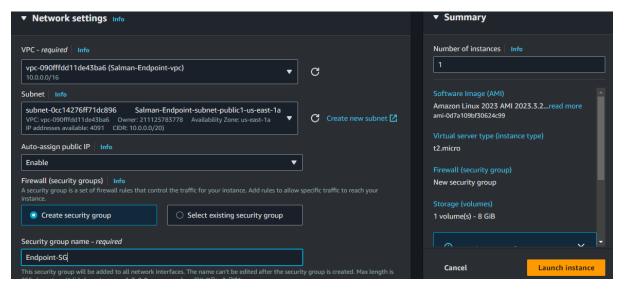
- Create a VPC endpoint for a S3 bucket of your choice for secure access to the files.
- 1. Creating 1 VPC and 2 subnets and 1 private and 1 public



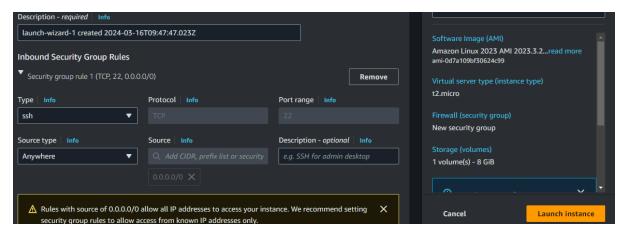
2. Here we are not selecting endpoint in upcoming we are configure



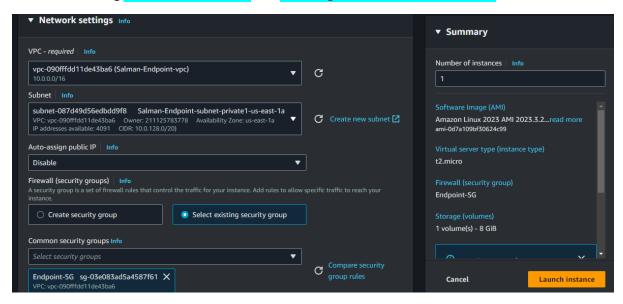
3. Launching ec2 instances and configuring network settings select created VPC and Public subnet and Create Security groups



4. Inbound Traffic leave as default



5. Launching Private EC2 Instances and Selecting Private Subnet and Launch

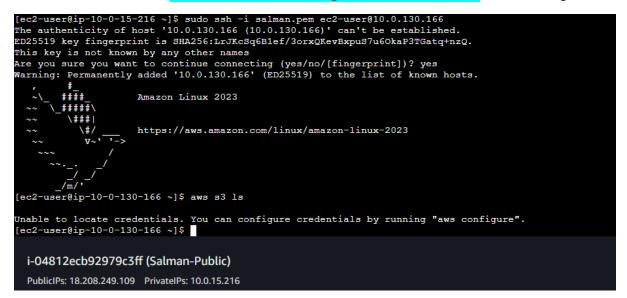


6. Select Public and Connect to SSH



7. Follow the commands to Connect another server

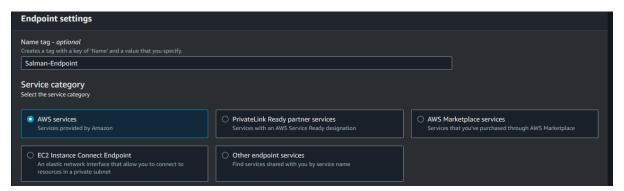
8. We Connected to Private Ec2 instances through Public EC2 and aws s3 Is not working



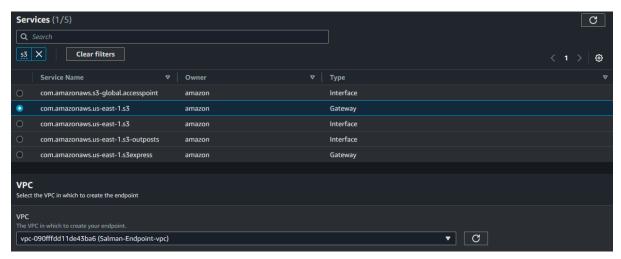
9. Need to Create endpoints now



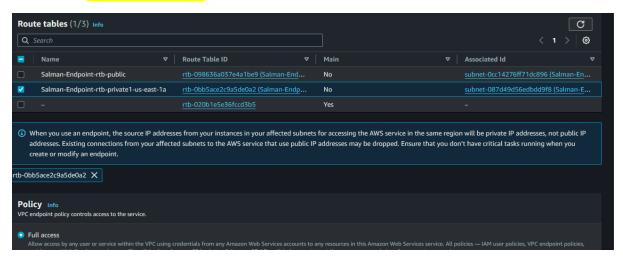
10. Select AWS Service



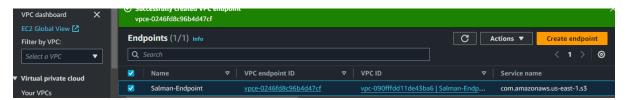
11. Services > Select Gateway Type



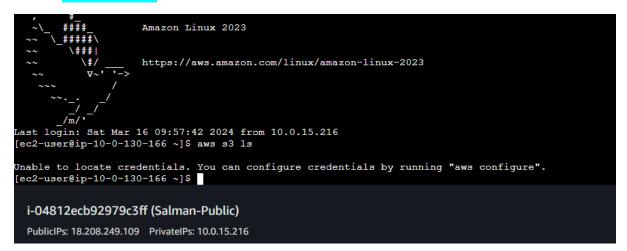
12. And Private RT Endpoint



13. Now Endpoint Created



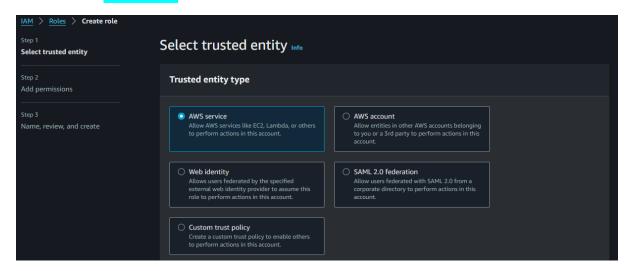
14. Still Its not Working, Why Because we are not provide any Permission to EC2 and we are not add Role in IAM



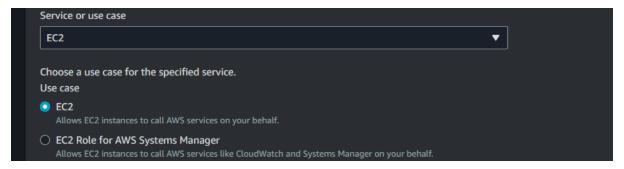
15. Go to IAM Create Role



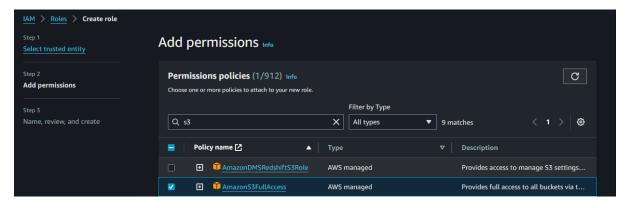
16. Select AWS Service



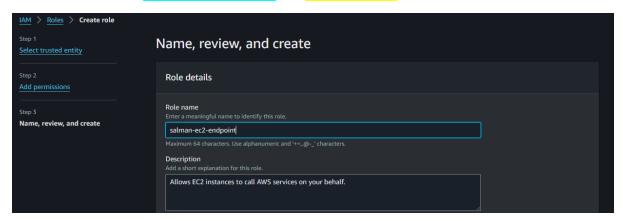
17. Select EC2



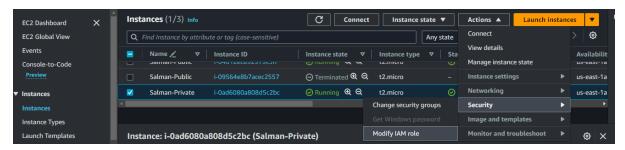
18. Add Permissions Full Access to S3



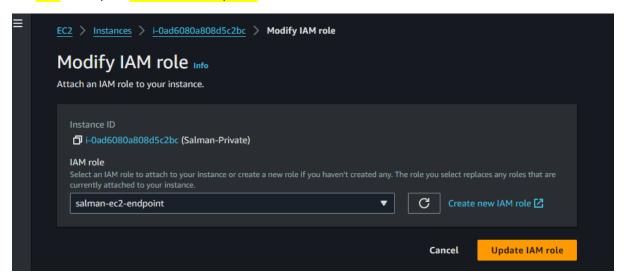
19. Give the Role Name and Description and Create the Role



20. Go To Private EC2 Instances and Select and Actions > Security > Modify IAM Role



21. Select your IAM Role and Update



22. Now Check in your Private Instance can access s3 through endpoints

Thank You