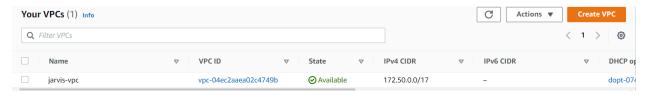
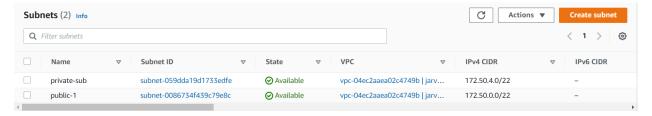
Why we use Endpoint in aws vpc.

- 1. Endpoint create a connection in between VPC & AWS service as like S3.
- 2. It enables to get privately access of specific AWS Services from your own VPC.
- 3. It doesn't require NAT Gateway, Internet Gateway or VPN Connection.
- 4. It is additional stage of security to our Database.

Firstly, create VPC



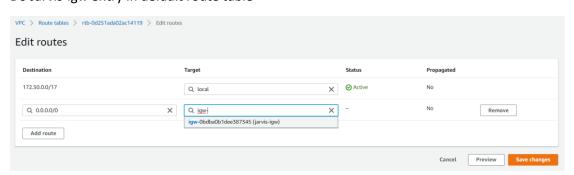
Create 2 subnets for public and private instances



Create internet gateway and attach to the vpc

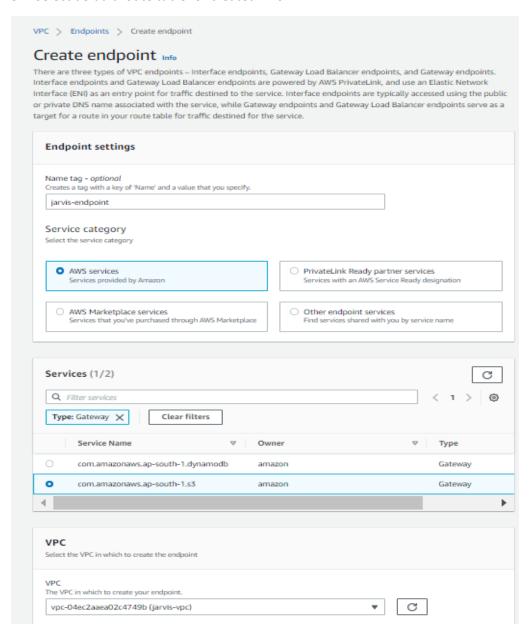


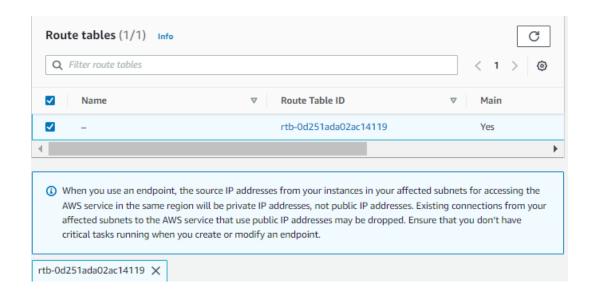
Do Jarvis-igw entry in default route table



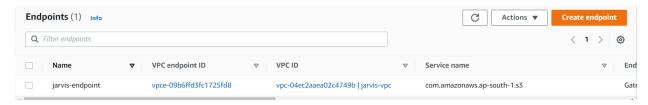
Now we create End Point for AWS services

- 1. Put End point name
- 2. Choose AWS service category
- 3. Services -> Type[Gateway] -> select S3 service
- 4. Select created VPC
- 5. Select default route table for created VPC



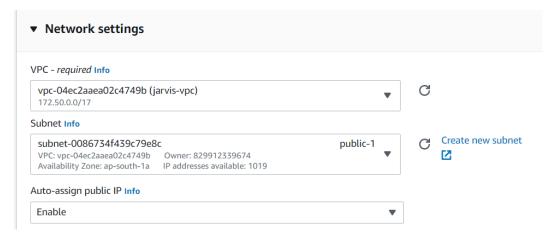


Created end point succsesfully



Now we create 2 instances one with pub/priv & second with only private IP

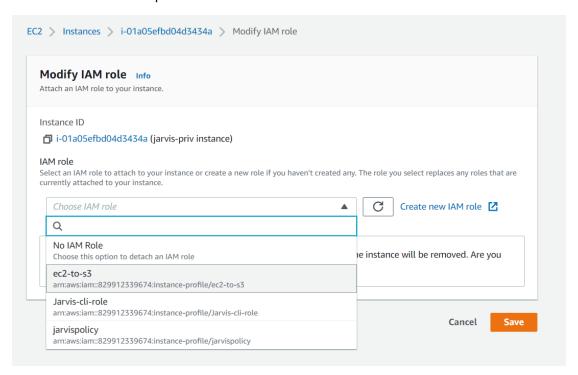
While creating publi IP Auto assign Public IP should be enable in Network setting



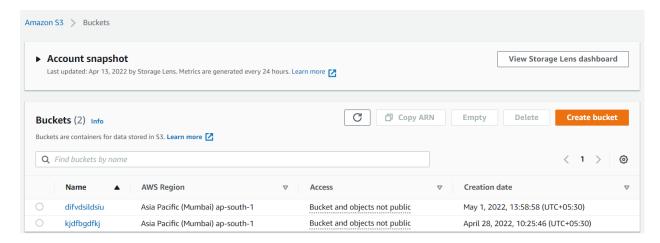
Made 2 instances



Now create role for the private instacne of S3 full access



Make 1-2 buckets in S3 service in same region where VPC & Endpoint created



Connect public instance to Moba with public IP

Upload key



Now we can get SSH of private instance via Public IP

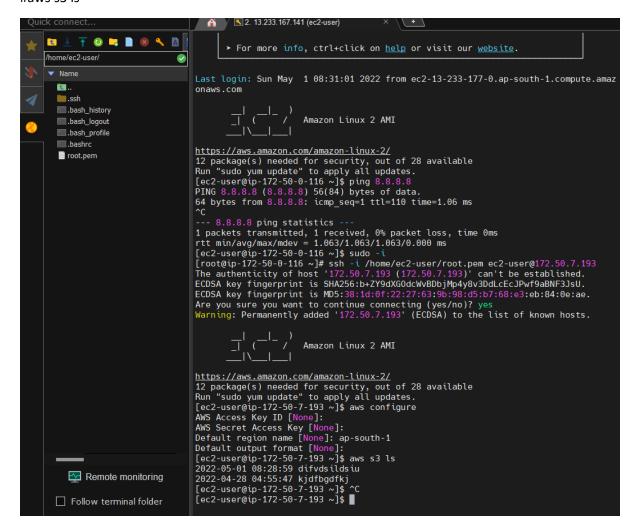
Switch to root

#sudo -i

#ssh -i /home/ec2-user/root.pem ec2-user@172.50.7.193

#aws configure [Provide same region]

#aws s3 Is



Now we can successfully acces aws s3 buckets without internet.