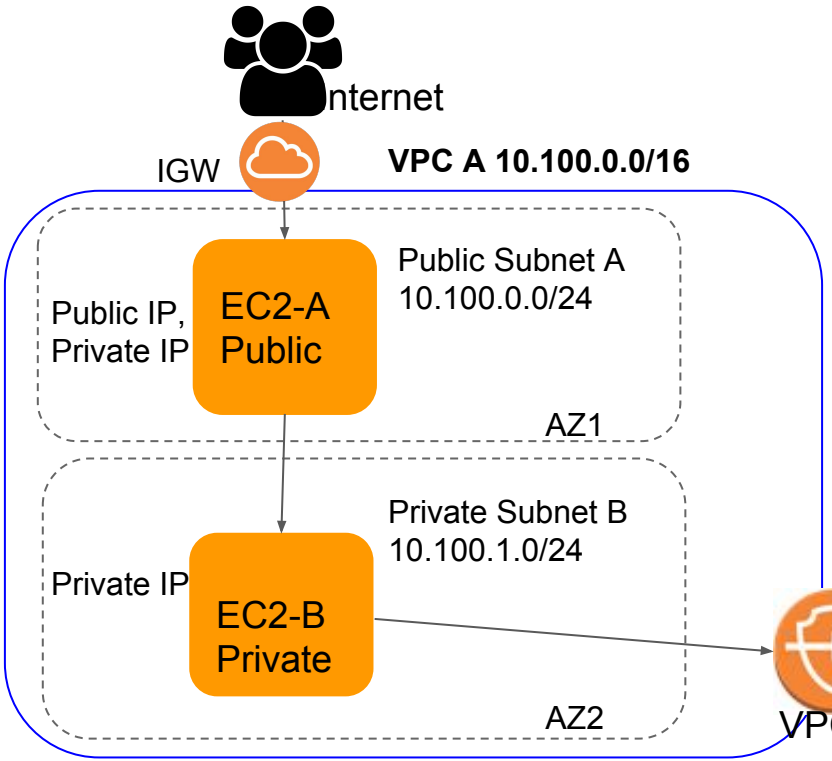
VPC Endpoint



Private subnet route table

Destination	Target
10.100.0.0/16	local
s3 -endpoint	*vpce-id*

VPC Endpoint

1. Create VPC in **Mumbai (ap-south-1)** region (as we will be accessing s3 bucket in same region)
2. Create 1 public, 1 private subnets in each VPC
3. Create 1 instance in each subnets created above. Say EC2-A is public EC2 created in public subnet and EC2-B is private EC2 created in private subnet.
4. For EC2-A instance open security group 22 for your Public IP (Myip)
5. For EC2-B instance open security group 22 for public subnet CIDR
6. Login (ssh) to EC2-A instance. From there connect to Private instance EC2-B.You should be able to connect. (You need to have ssh key created locally on EC2-A)
7. From EC2-B, try to download some contents from public s3 bucket (see command below). Does not connect/download.
8. Now create VPC endpoint for s3 endpoint into your VPC. (VPC -> Endpoints)
9. Modify route tables for **Private subnet** and add corresponding routes to route s3 traffic through VPC endpoint.
10. Now try again to download contents from public s3 bucket. You should be able to download.
11. Command to download s3 content from EC2:

    $ wget https://s3.ap-south-1.amazonaws.com/kvriksh.com/index.html

    (You may also create your own bucket in same region and upload any sample file)