VIRTUAL PRIVATE CLOUD WITH LINUX:

Step1:create vpc

Step2:Create Subnet(public& private)

Step3:Create Internet Gateway And Attach Vpc

Step4:Create Public And Private Route Table

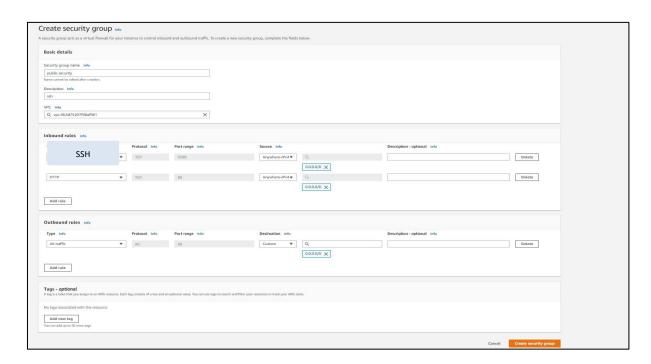
Step5: Subnet Association Add

Step6: Internet Gateway Add Success For Public and Private Route Table.

Step7: Nat Gateway For Only Public Route Table

Step8: Create Security Group For Public

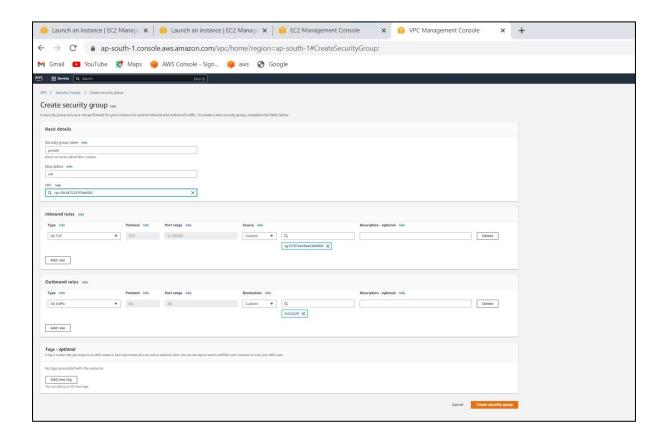
Create Security Group---->Security Group Name(Public Security)--->Vpc(Select Created Vpc)---->Inbound Rules--->1.SSH---->Source(Anywhere)---->2.HTTP----> Source(Anywhere)-----> Create Security Group..



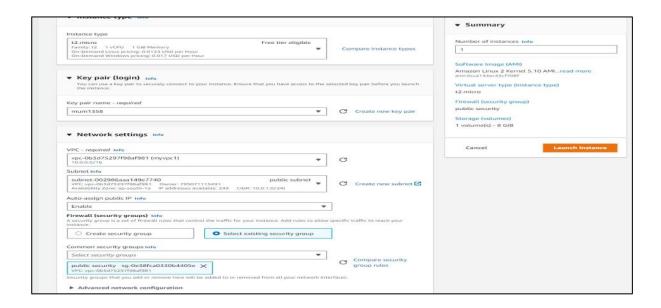
Public Security Group Created...

Step9: Create Security Group For Private

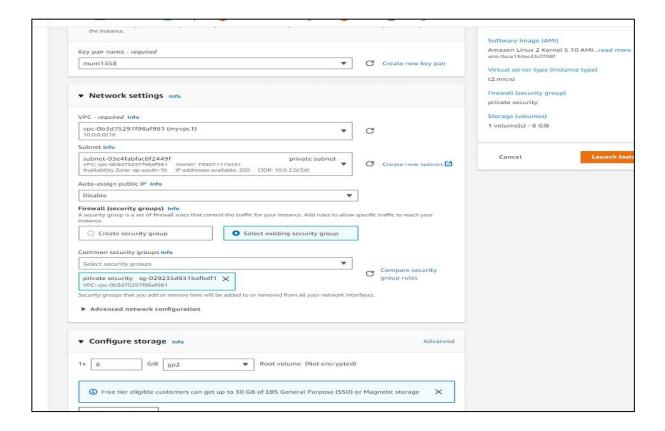
Create Security Group---->Security Group Name(Privatesecurity)--->Vpc(Select Created Vpc)---->Inbound Rules--->All Tcp---->Source(Custom)---->Select Public Security Id(Public Security)---->create security group



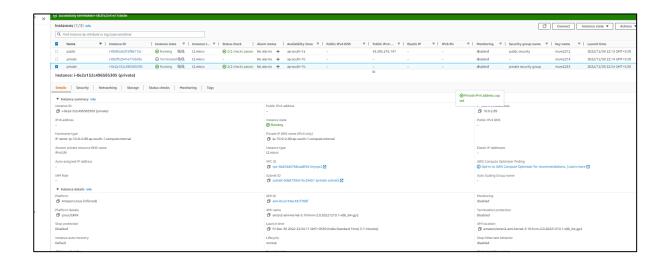
Step10: Public Ec2 LINUX Instance Create:



Step11: Private Ec2 LINUX Instance Create:



Step12:instance created



Step12:Putty Open--->put public instance puic ip---->Login ec2-user--->change root user(sudo –i)

Step13:Login Private Instance

- \Rightarrow Ssh <u>ec2-user@10.0.2.10(private</u> ip) \Rightarrow Vi demo1.pem---->(upload key file)
- BEGIN RSA PRIVATE KEY-4IIEogIBAAKCAQEAmHV7oI/q4xoM3VyXSb9/o6gs9Jf5nLpw+yc1FJIXpTN/Wv86 qYnypq8RlcnFqWGpiyf0x1PlVNtlTLNRNy9g3UWaL4h4g2nd3Z0cFMvckylDfLDg EBHDDFCrrKA5DqPo/kU6kzLNlaB/RAZ4JRjtFwlEBZg2q+nsJvqE1FF8AMlR8EVC U3GyRddqN+boQ84rZ1ognhEm+uqRj4/DFb6GgkS8gdUDYMCiVmlCjtE9ybQM5Fw rci01RDB06d6WMdHSimysG3h4naZr1D4EUCA4U9ByUMc4esZ2oOGFa9wWPnV4gD rrgYJeeWFpYTR2nR9eOwM5KnEGSY1D49k5HJDQIDAQABAoIBAA/0w8KTLWc1U9Fb im5Wf3pWYJYczcAMd0Sh3t1PTPA6SorwiWgzCtVNH08I9gn7Ma5huSmfazINYDW9 DrMu3zlpTnDJHKvMSa8nAUhf6a7xM6H6NQkZqstoKf+AKViR6RGrlyzOtVuCl687 6hkf2bh+fMMFIjut2MxfjcVW3d6LCa32phJbjwCvtd+24AMNUZ2VNkvmHw0w+sLi acdWGidV7tIrvDyBDb9jesJzz3vdsKxFJJ+oJ9IurAJuv+JHIY/pVIdqKX1hwc7w rMqXijuO8XC5fRmZdoeX9g//FmOHBt6W9HyiRSPhn304hUBwUNDv/77KarNQyzWw QYYR9UCgYEA4nzi7/dsp/mqRAjkkzd72Qt5lhol2+JJvIYZ+fsky+EoXebVrM/G BmLVpIIY/GMRD2bkR3eqT9LtdAWSjNdd46Yva9Qcoog9hg5+6JoQ8Xp+OLj10eCK +62jg0VXue+F0saG/jmPIRCy9a8AhHm91+u0QE6US/M3pf3UDoTEncCgYEArFMp MEplq7tqF7S2JEWsGeMhJ8r5LOCp10i9RfE9FrWsuAHDWLJJ3YBcJ2vespPIt1f .ClyIcY9yH/VzaBVU3o5hZUE0dUdG8YkdticKmWGxjZTULQcfI9M/HGgmuFbrIf5 gJjpqB1TRK6SZsfAjTy+IwG1yzJy69DWtDq/ZsCgYAGsMnDbPu4upddCyY1cx41 e0FMPdmAdV7YQt3hlJmxrCUVIQyO31RyNJk7EtzKF+MZIWD8+3v8f66kDsYVgwcz mXEOa/e3Udz/lmhZWu6tnOkGVIwsQFlztd1us020IG9DmrnCKNEhmOywdUr+nto K8tuQSsH2vGiYbrck9qcYQKBgFC5NDRph/3aO+IfaU2hyashFqYZmgosPQv9Fd0S i1/5AoGAR/2NmuvaUBAnGaJ5M1C+YuBxC+/QMAqOOqaEEnyawG881XxpNxTsYQRL aa/7SRR73EsNefka1bLHTMJG+CeKg1KUooOpBYH+KDhFU9DQr+Va4qsaG21MQrdE K4VUJCacyf0glBVTIo9HdZOMbIYAvg5roDAtC1Cyw0gWx699FdE= ----END RSA PRIVATE KEY----
 - ⇒ chmod 400 demo1.pem (permission change)
 - ⇒ Ssh -i demo1.pem ec2-user@10.0.2.10(private ip)---->login