Aws console

Step 1 :To create vpc

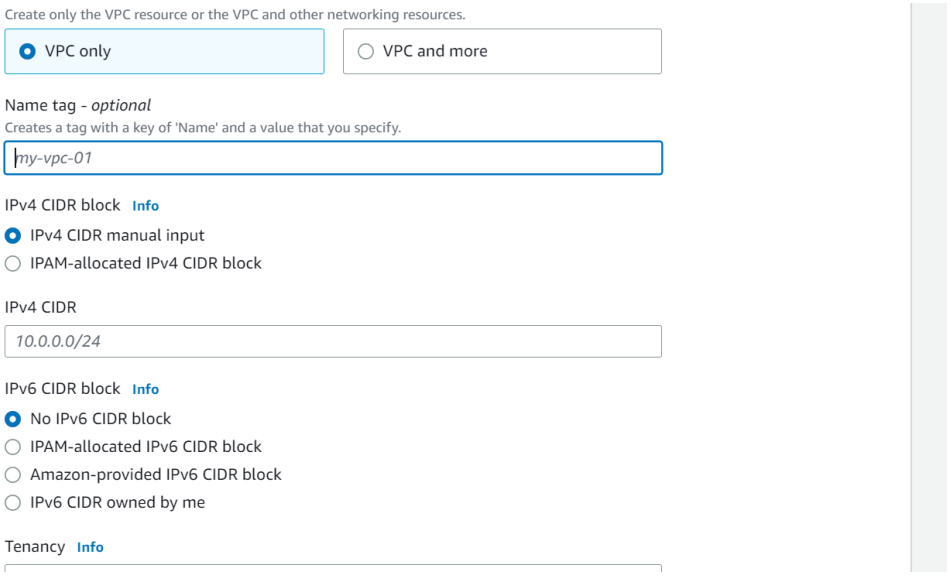
In your vpc

Selecte create vpc

[]Select vpc only

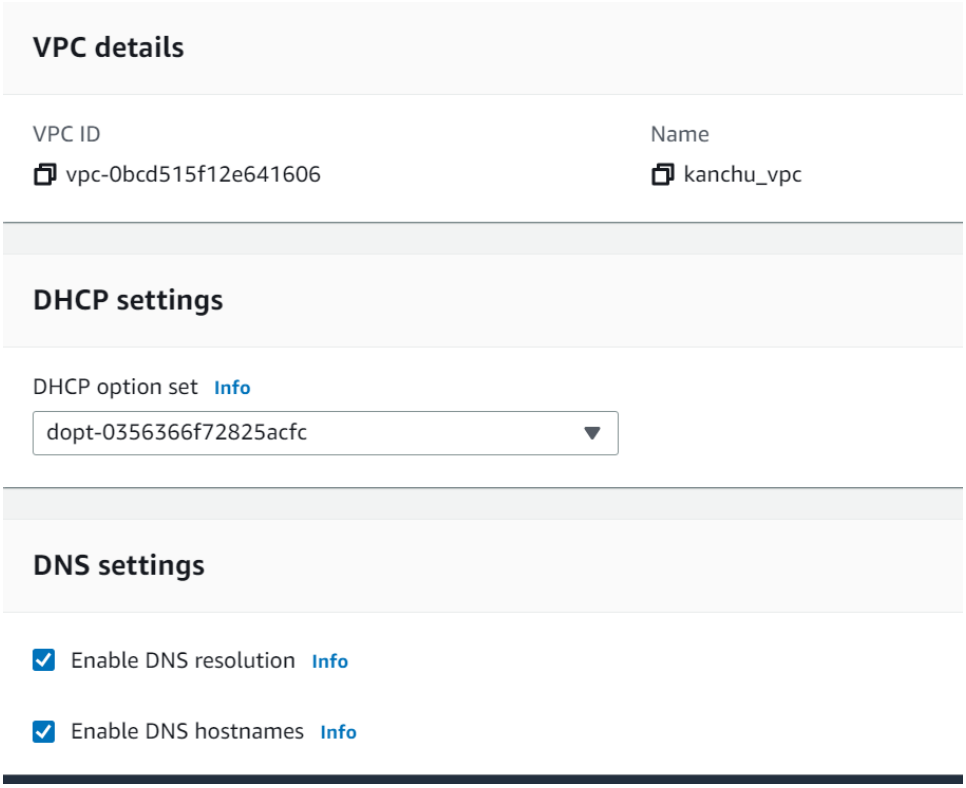
[] in ipv4 CIDR ex:192.179.0.0/16

[]create vpc



[]right click on created vpc

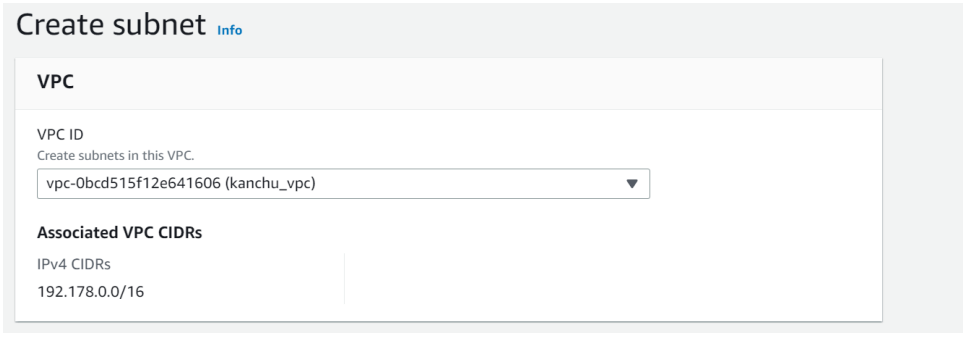
[]select edit vpc

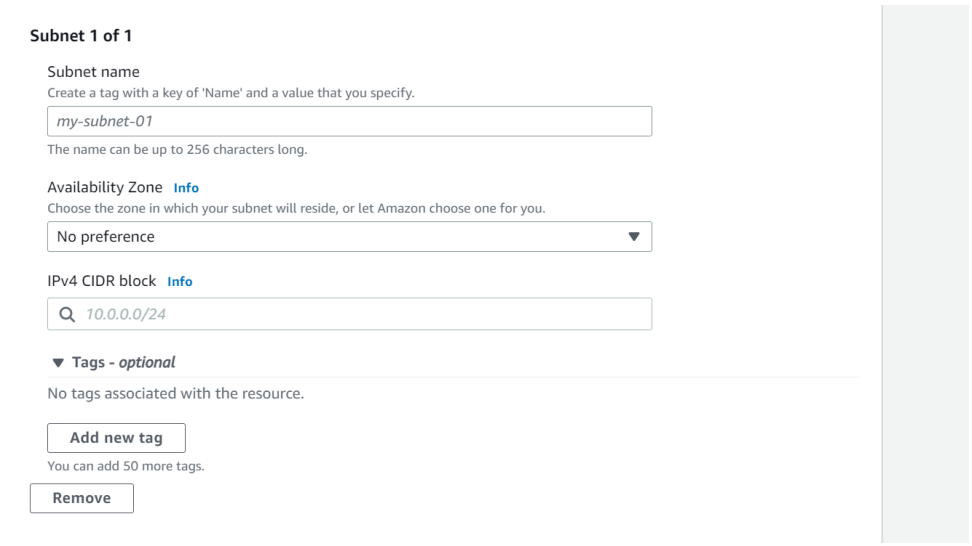


[] Enable DNS hostnames

[] save

Step 2: to create subnet:





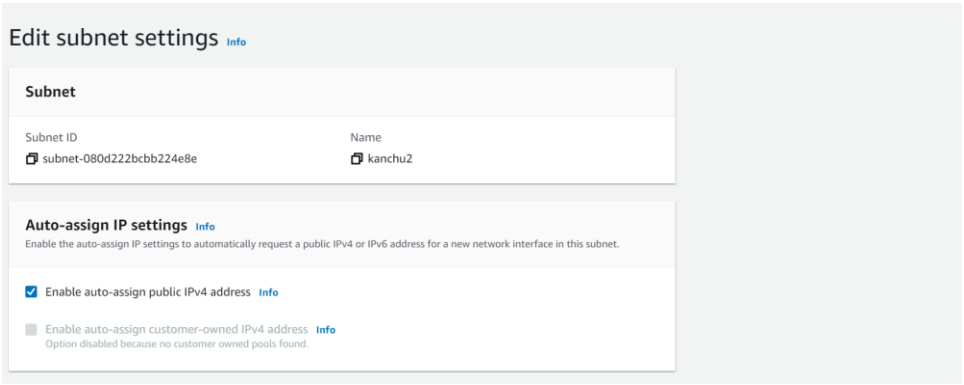
[] In vpc ID select which vpc we want

[] sunnet name give whatever

[] ipv4 CIDR block ex:192.178.2.0/24 (3rd bit we need chance)

[] create subnet

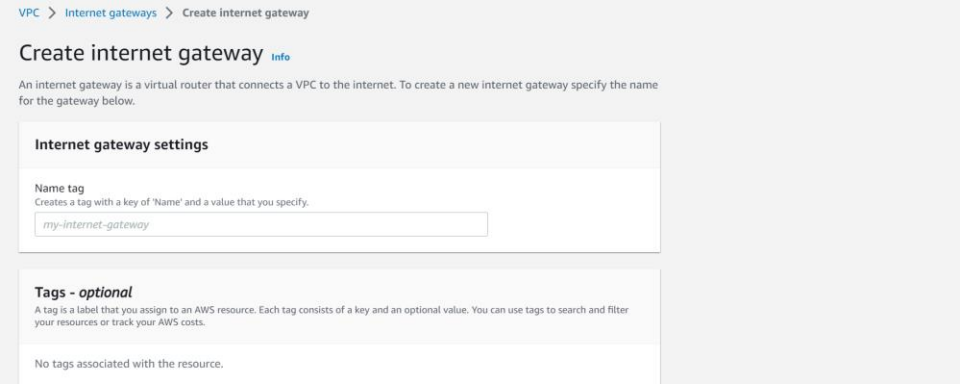
[] select subnet right click



[] enable auto-assign ipv4

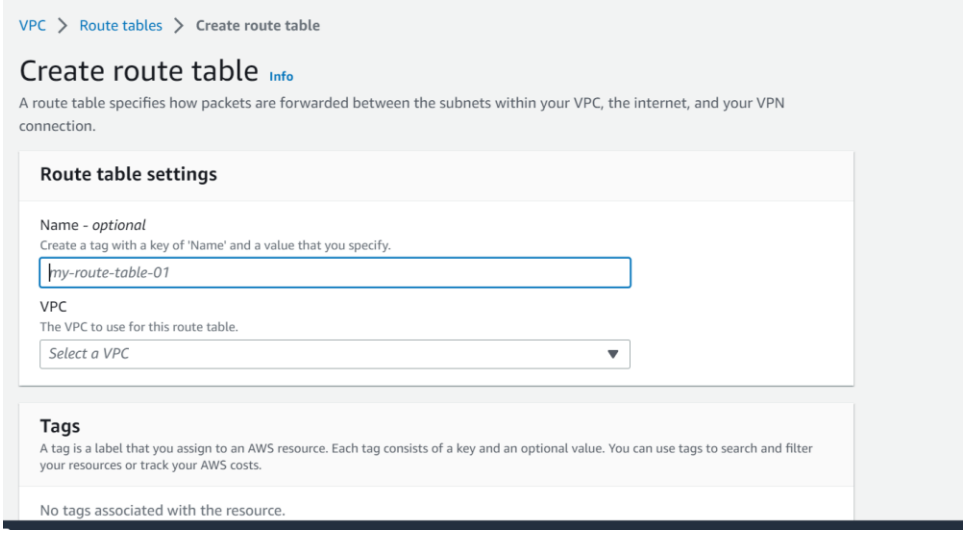
[] save

Step 3:To create internet gateway create: (this is for first time)



[] In name tag we can give whatever we want ex: kanchana_gat

Step 4:to create Route table



[] Name – optional ex kanchana_rt

[] in vpc select which vpc we want

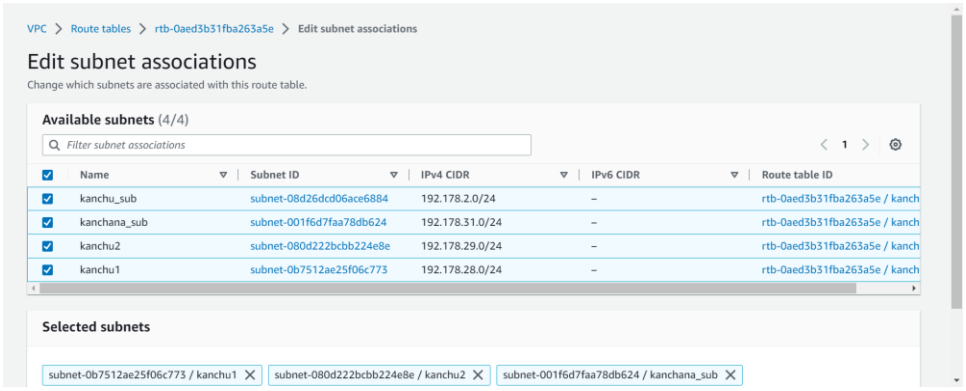
[] in down select

[] subnet associations

[] Edit subnet associations

[] add the subnet which we created/ which we want

[] save



To launch Instance:

[] select EC2 global view

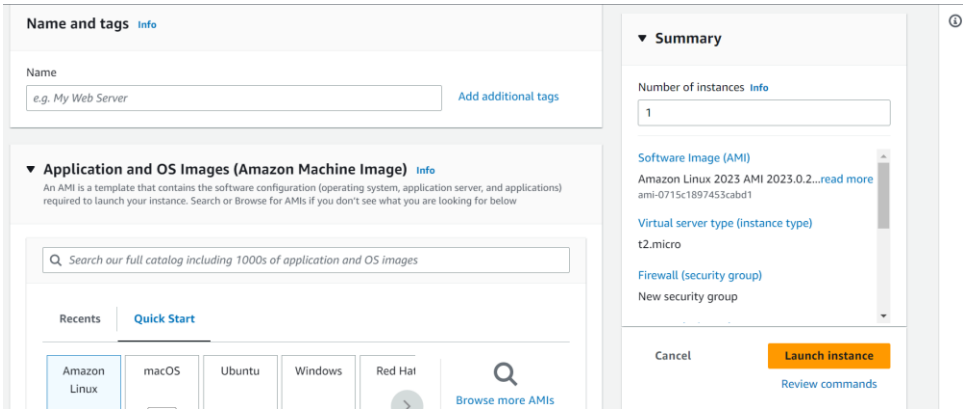
[] in search bar search EC2

[] Selecte EC2

[] In lift side select instances

[] selecte launch instance

[] in name and tags give whatever we want

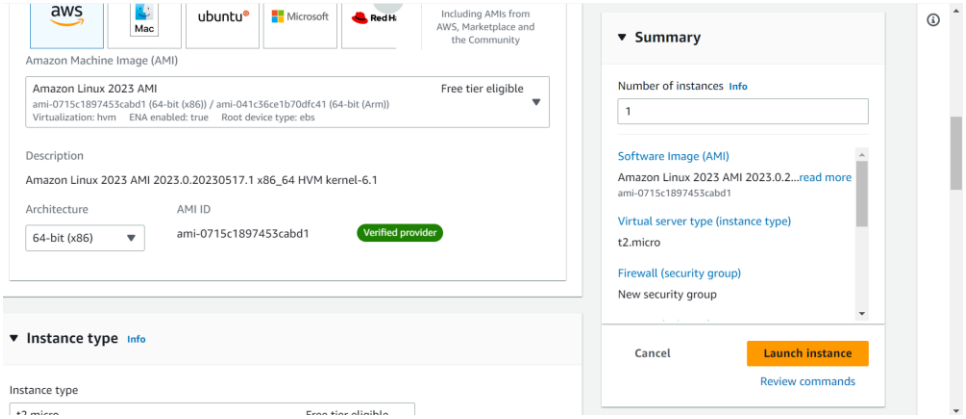


[] in quick start select which we want

[] in AMI

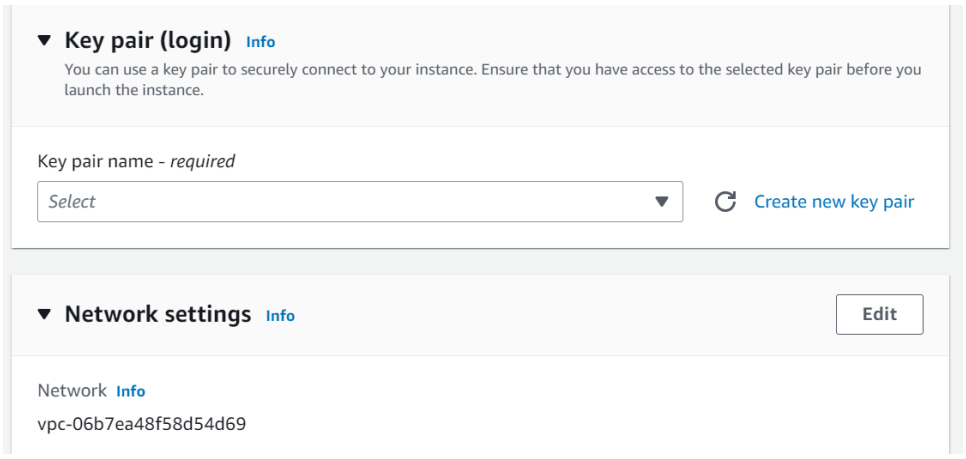
[] select free tier eligible

[] instance type also selects free tier eligible



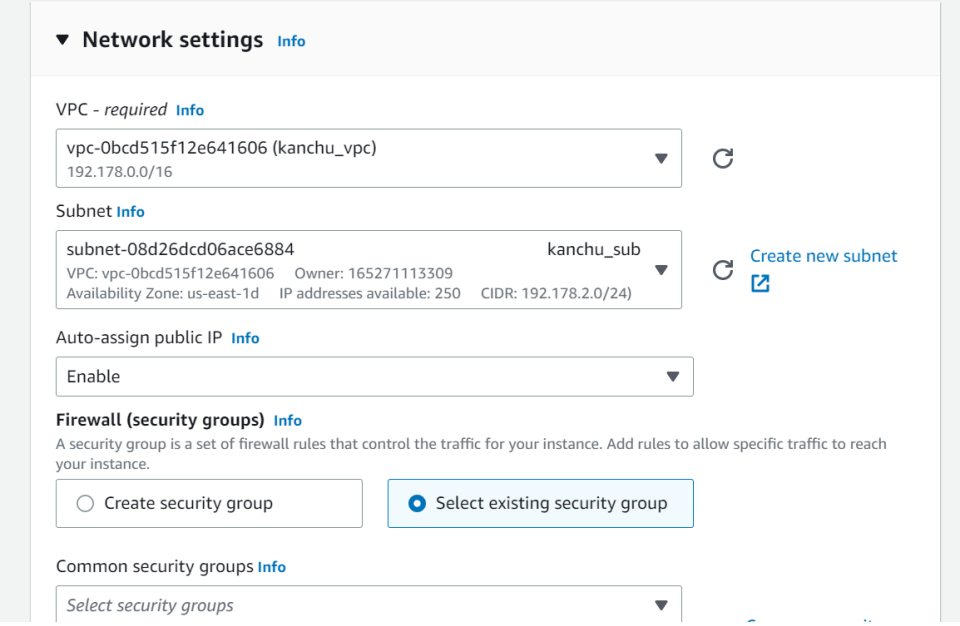
[] In key pair

[] we can select which we already created or else we can create



[] In network setting

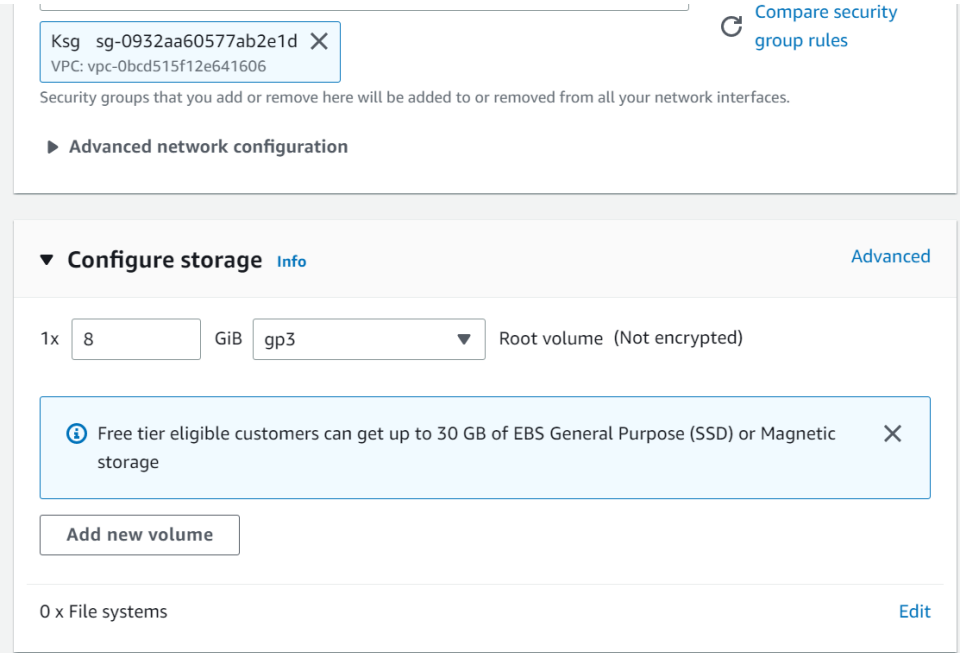
[] edit



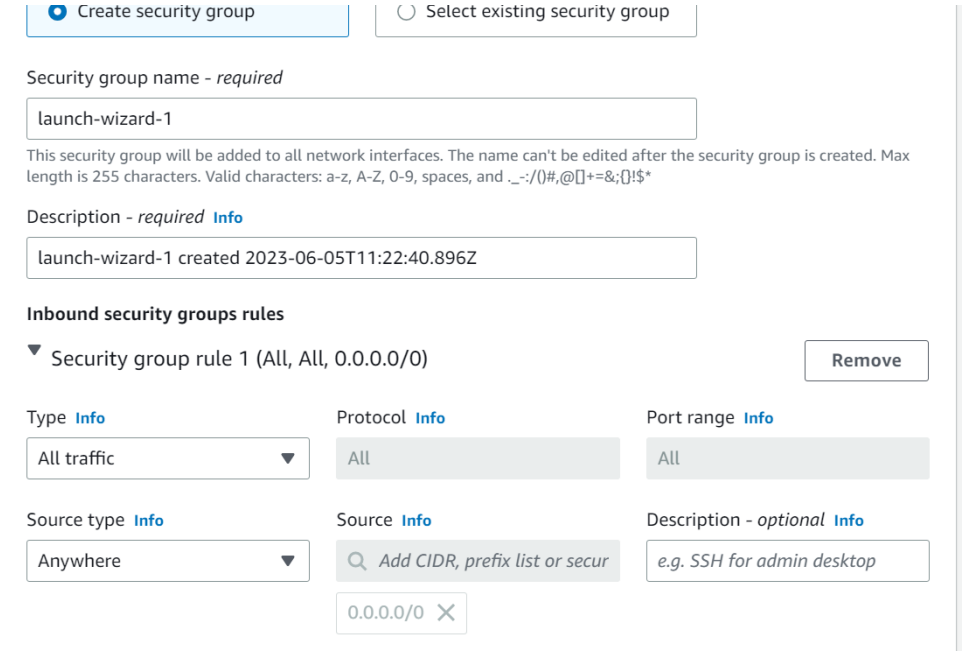
[] In vpc required select which we want

[] in firewall select existing security grp if we already created/

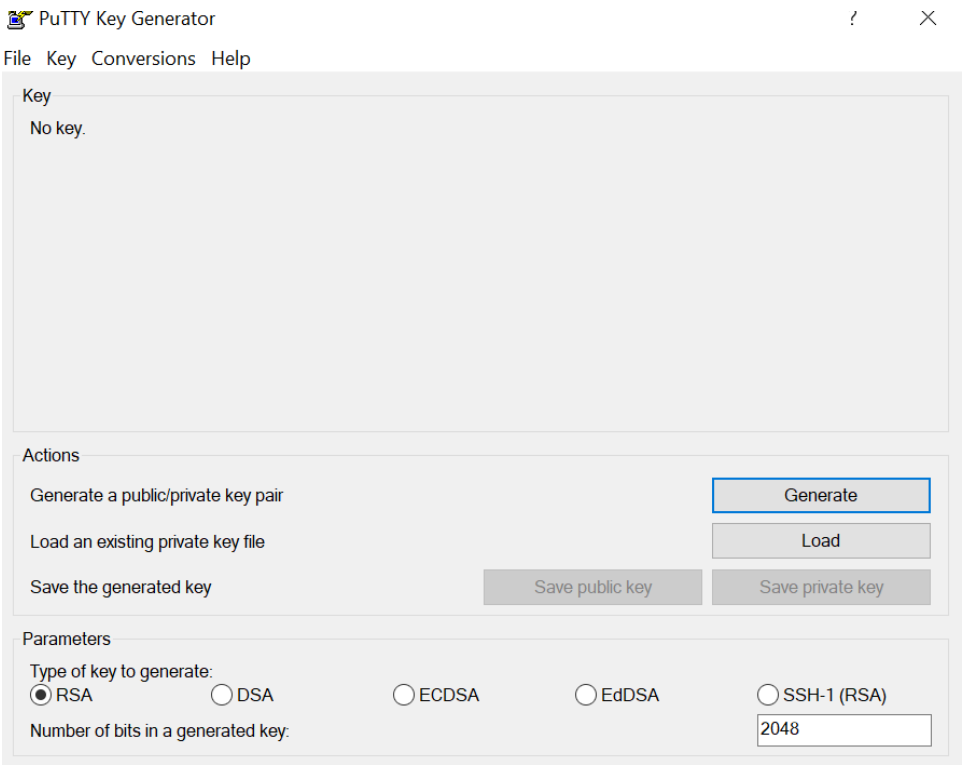
[] in common security groups select which we created



[] in firewall in first time selecte create security group

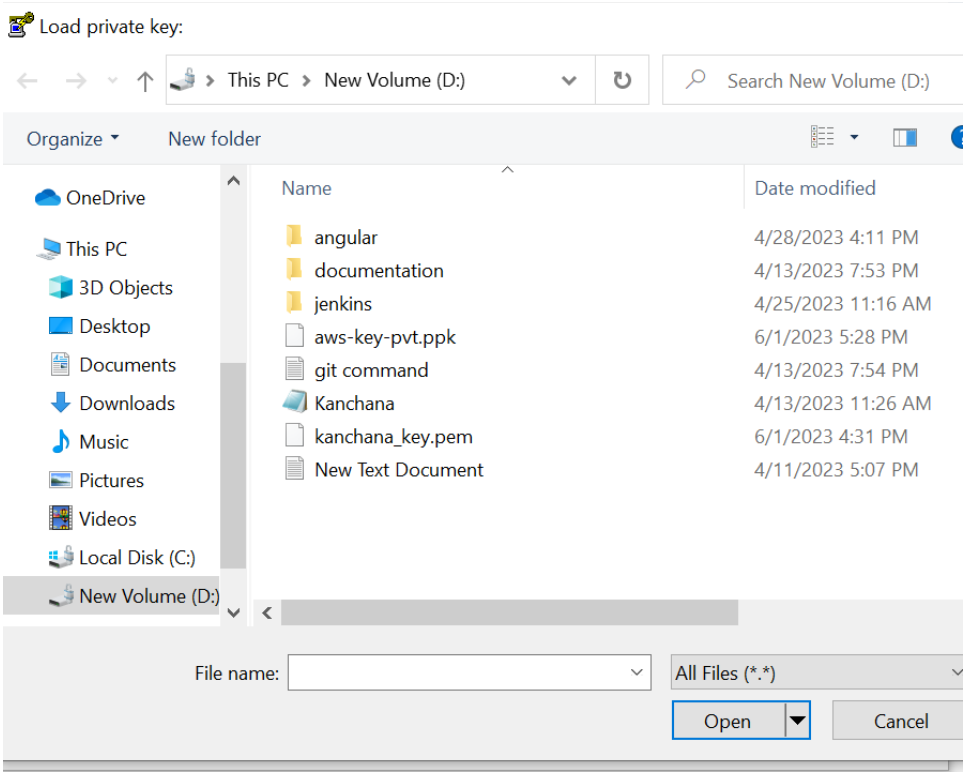

Create security group
Select existing security group
Security group name - required
launch-wizard-1
This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*
Description - required Info
launch-wizard-1 created 2023-06-05T11:22:40.896Z
Inbound security groups rules
Security group rule 1 (All, All, 0.0.0.0/0)
Remove
Type Info
All traffic
Protocol Info
All
Port range Info
All
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or secur
0.0.0.0/0
Description - optional Info
e.g. SSH for admin desktop

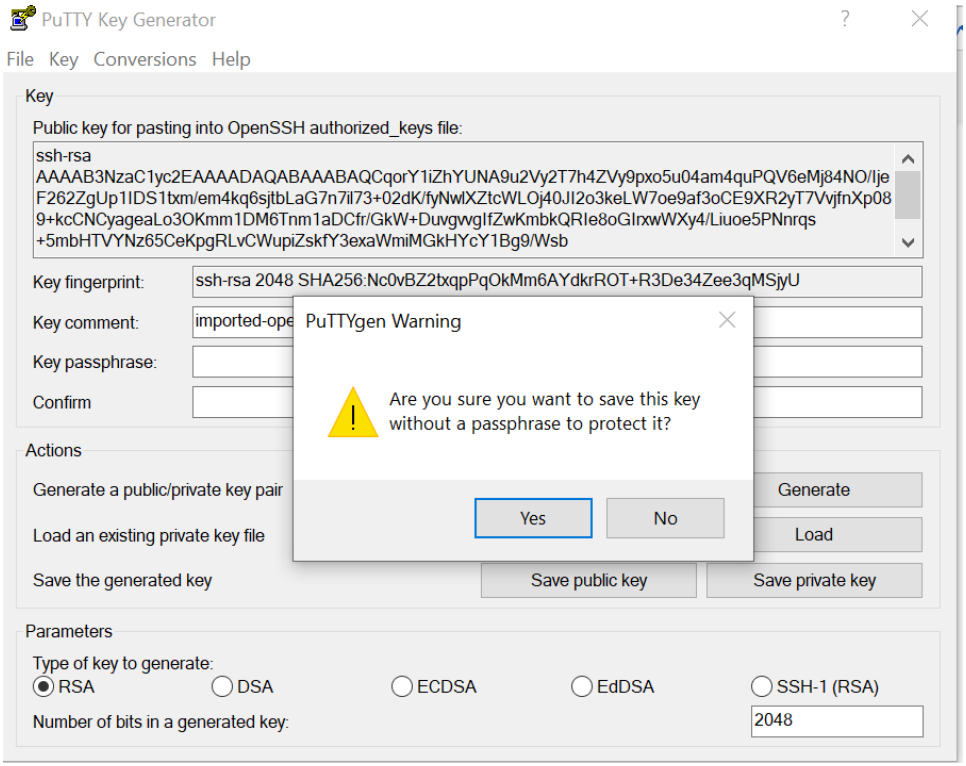
In puttygen:


PuTTY Key Generator
File Key Conversions Help
Key
No key.
Actions
Generate a public/private key pair
Generate
Load an existing private key file
Load
Save the generated key
Save public key
Save private key
Parameters
Type of key to generate:
RSA
DSA
ECDSA
EdDSA
SSH-1 (RSA)
Number of bits in a generated key:
2048

[]select load

[] select all file select .pem file



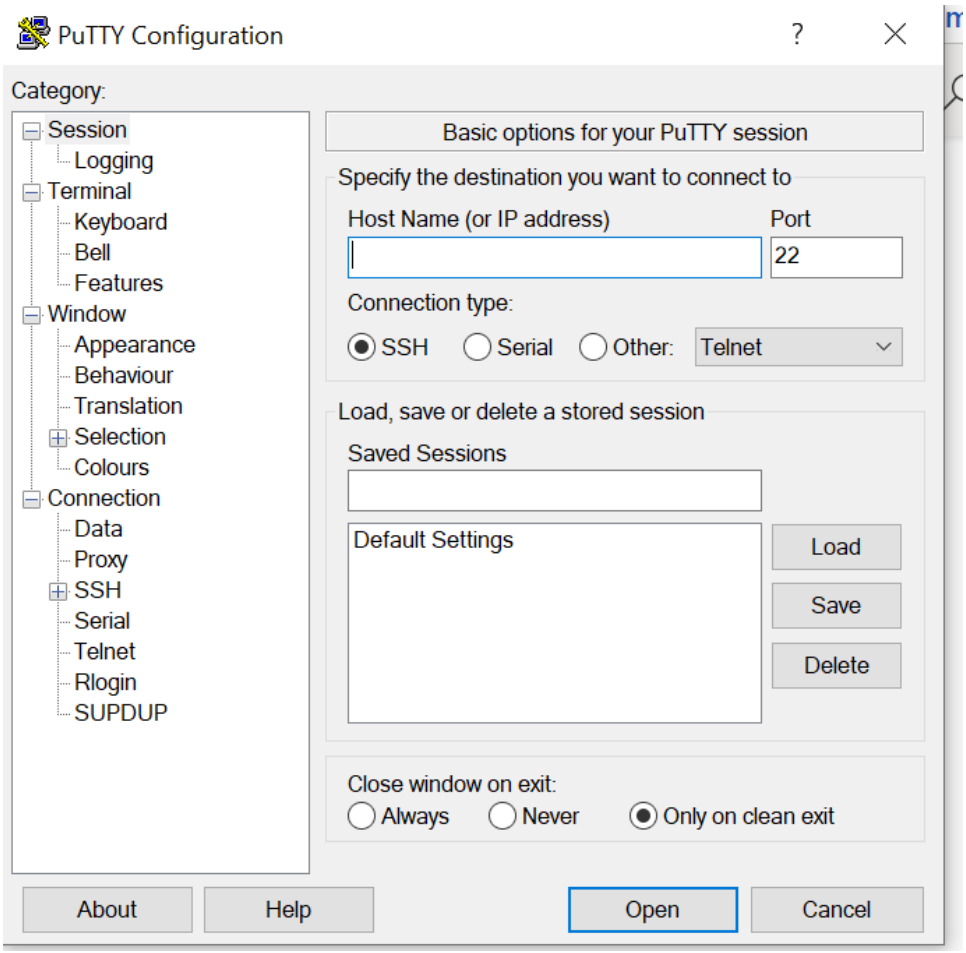


[] select save private key

[] yes

[] save the file

Puttyexe:



[] In host name if we use ubuntu (ubuntu@publicip) if use aws (ec2-user@publicip)

[] SSH

[] Auth

[] credentials

[] in browser select file what we create file in puttygen