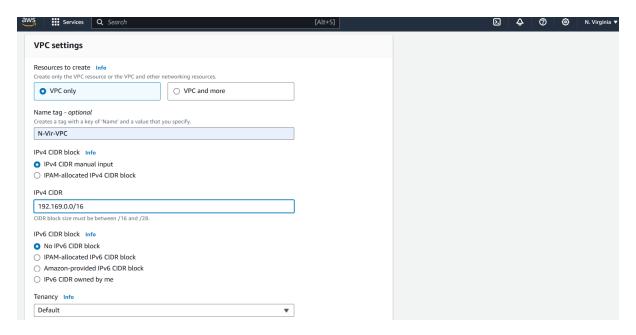
### **VPC - PEERING**

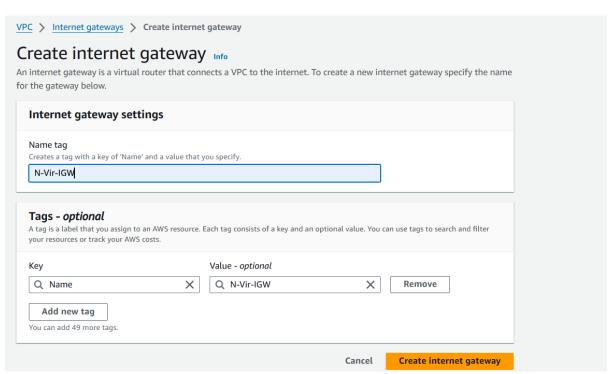
#### PLEASE CHECK THIS TO CREATE A BOSTION SERVER IN MUMBAI REGION

AWS/VPC.pdf at main · varshithnathani/AWS (github.com)

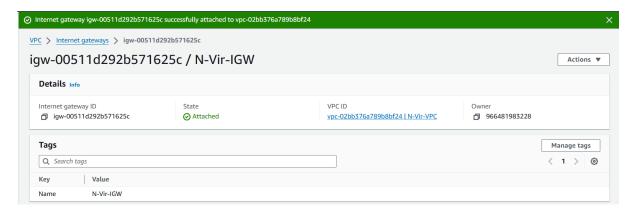
#### VPC - N. VIRGINIA



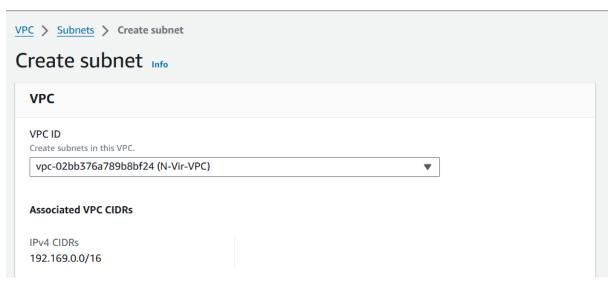
#### INTERNET GATEWAY

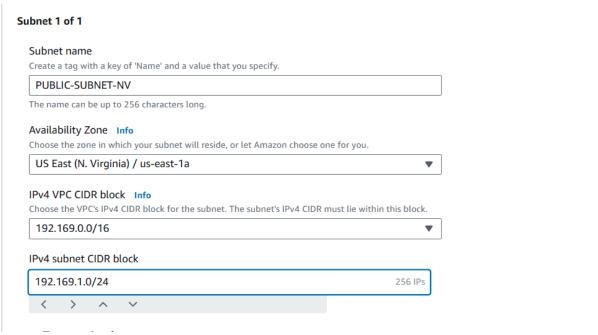


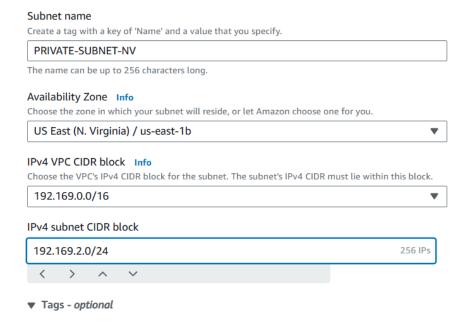
#### ATTACH VPC TO INTERNET GATEWAY



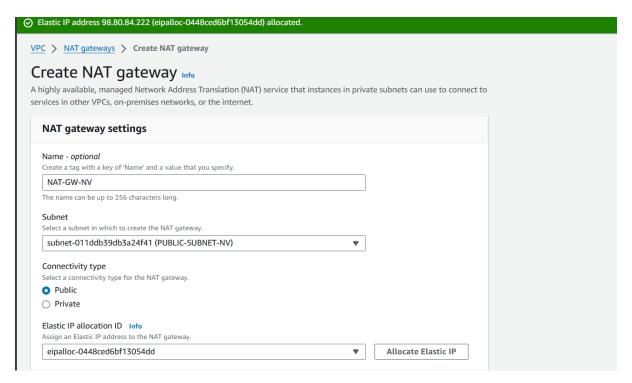
#### **CREATING SUBNETS**



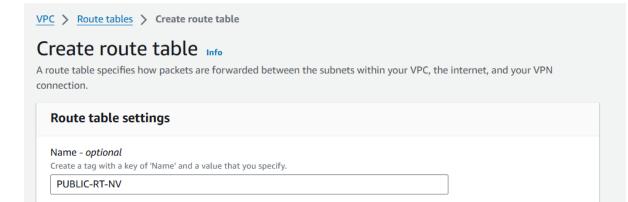




#### **CREATING NAT GATEWAY**



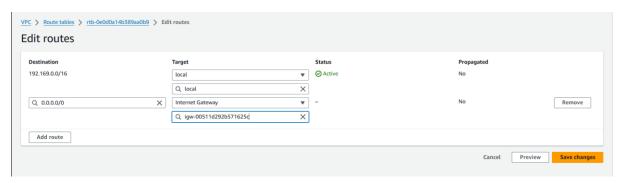
#### **CREATING ROUTE TABLE**



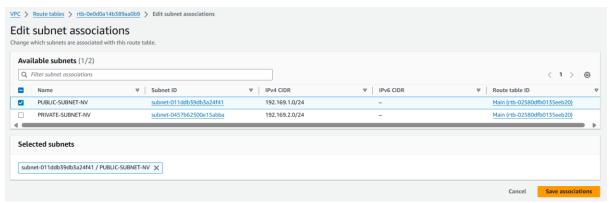
The VPC to use for this route table.

vpc-02bb376a789b8bf24 (N-Vir-VPC)

VPC > Route tables > Create route table



₩



Create route table Info

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

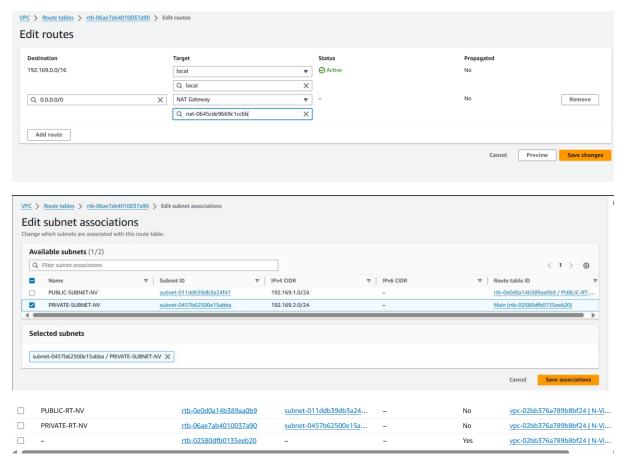
Route table settings

Name - optional
Create a tag with a key of 'Name' and a value that you specify.

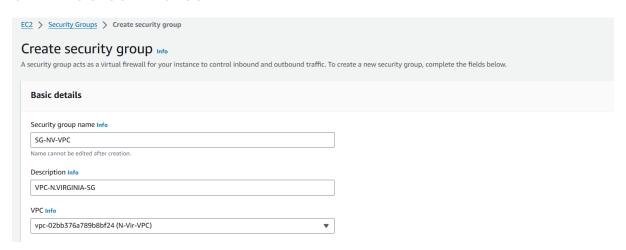
PRIVATE-RT-NV

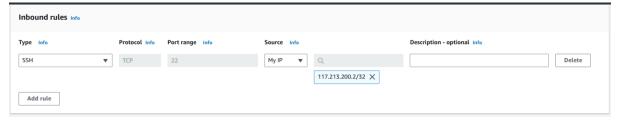
VPC
The VPC to use for this route table.

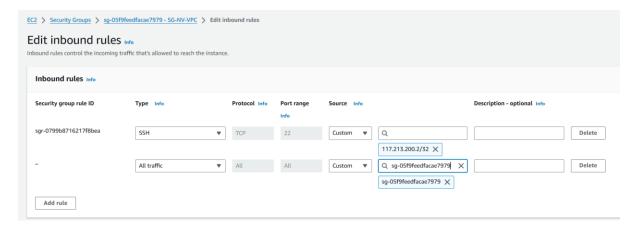
vpc-02bb376a789b8bf24 (N-Vir-VPC)



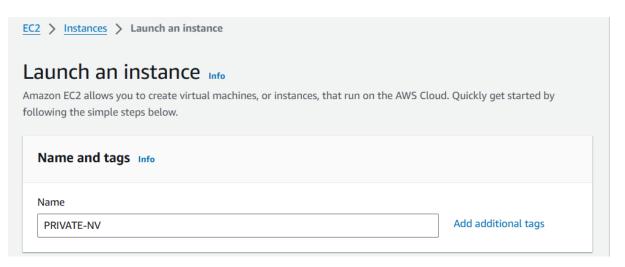
#### **CREATING SECURITY GROUP**

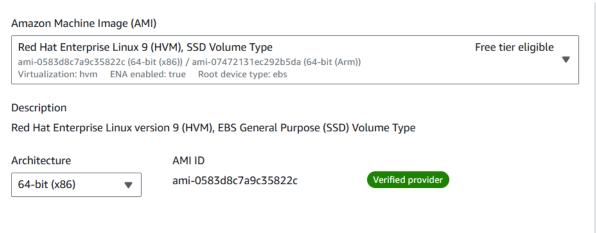


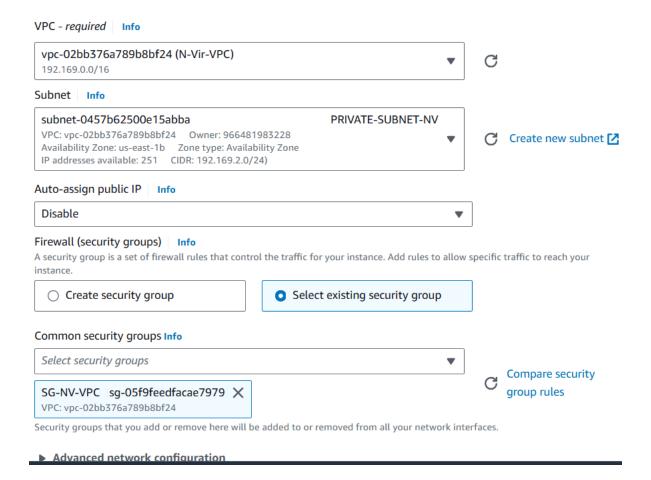




#### CREATING PRIVATE SUBNET IN N.VIRGINIA







#### CONNECTING FROM BASTION[MUMBAI] TO PRIVATE SERVER[MUMBAI]

```
🗬 ec2-user@ip-192-168-2-146:~
👺 Authenticating with public key "imported-openssh-key"
Register this system with Red Hat Insights: insights-client --register
Create an account or view all your systems at https://red.ht/insights-dashboard[ec2-user@ip-192-168-1-189 ~]$ sudo -s
 [root@ip-192-168-1-189 ec2-user]# vi LearnAWS-1.pem
[root@ip-192-168-1-189 ec2-user]# ls
 LearnAWS-1.pem
[root@ip-192-168-1-189 ec2-user]# ssh -i "LearnAWS-1.pem" ec2-user@192.168.2.146 The authenticity of host '192.168.2.146 (192.168.2.146)' can't be established.
ED25519 key fingerprint is SHA256:KczngcD73u2zXh9mR2nvNVKjVDTK/tSygPkeabnrwSU.
This key is not known by any other names

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.2.146' (ED25519) to the list of known hosts.
              WARNING: UNPROTECTED PRIVATE KEY FILE!
Permissions 0644 for 'LearnAWS-1.pem' are too open.

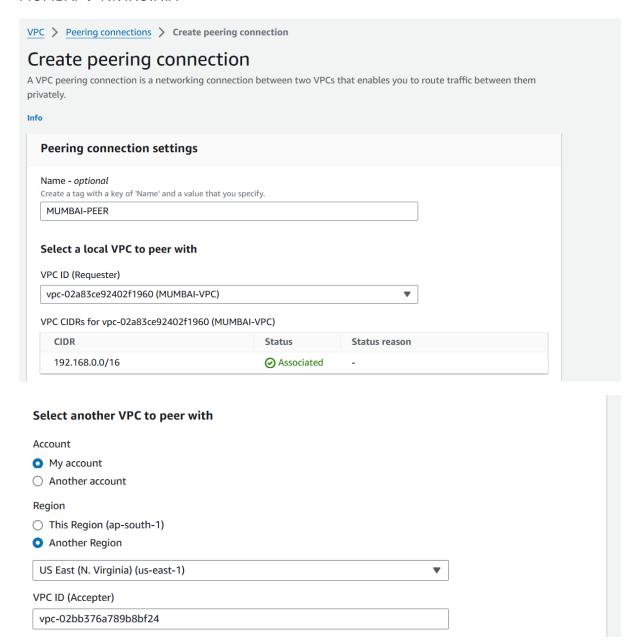
It is required that your private key files are NOT accessible by others.

This private key will be ignored.

Load key "LearnAWS-1.pem": bad permissions
ec2-user@192.168.2.146: Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
[root@ip-192-168-1-189 ec2-user]# chmod 400 LearnAWS-1.pem
[root@ip-192-168-1-189 ec2-user]# ssh -i "LearnAWS-1.pem" ec2-user@192.168.2.146
Register this system with Red Hat Insights: insights-client --register
Create an account or view all your systems at https://red.ht/insights-dashboard
```

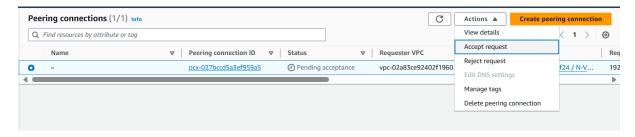
## CONNECTING FROM PRIVATE SERVER[MUMBAI] TO PRIVATE SERVER [N.VIRGINIA] FOR THIS WE NEED TO ESTABLISH THE PEERING CONNECTION IN VPC

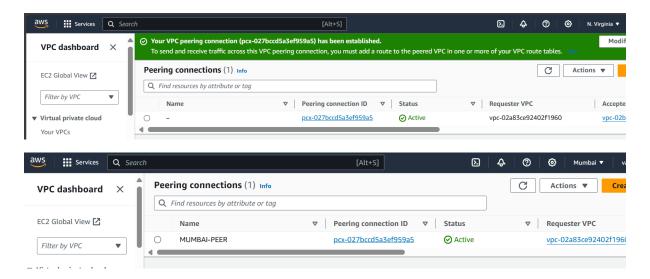
#### MUMBAI → N.VIRGINIA



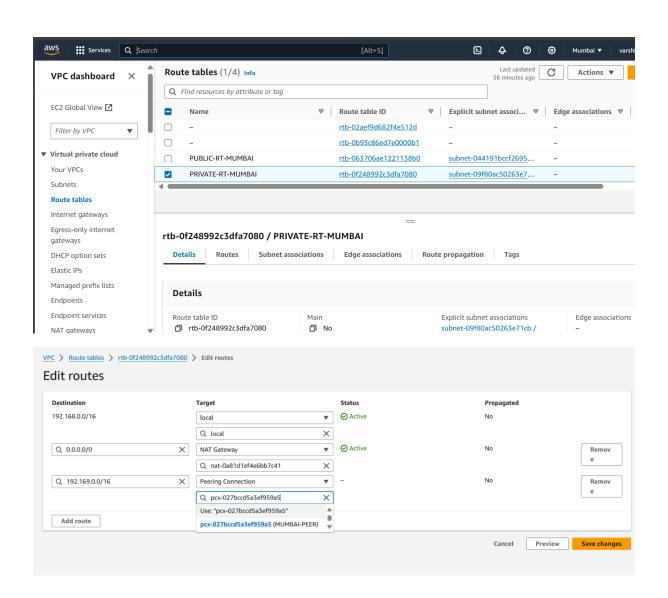
#### [IN ACCEPTOR PASTE THE N.VIRGINA VPC ID]

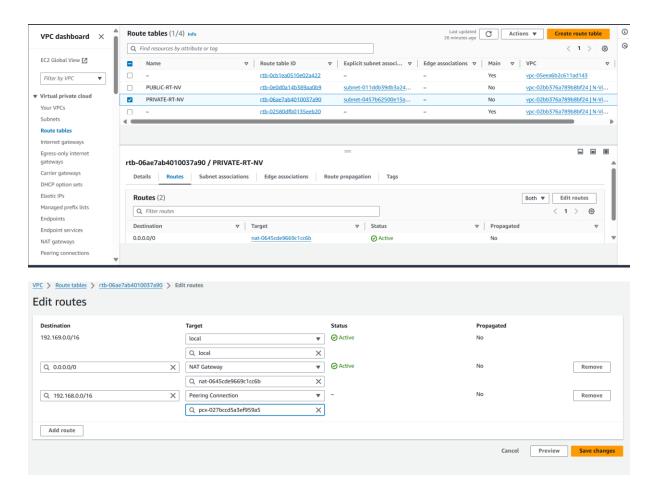
#### NOW GO TO N.VIRGINIA PEERING CONNECTION AND ACCEPT THE CONNECTION





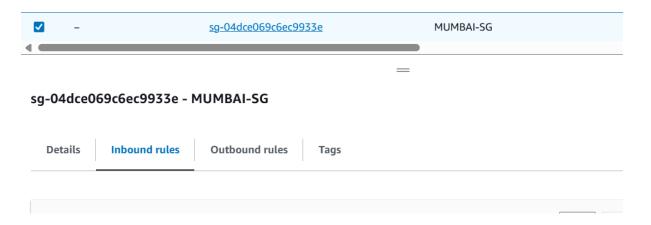
# NOW I NEED TO ADD THE IP ADDRESS TO THE PRIVATE-SUBNET-MUMBAI ROUTE WHICH WILL GIVE THE ACCESS FOR ACCESSING THE N.VIRGINIA PRIVATE & VICE-VERSA

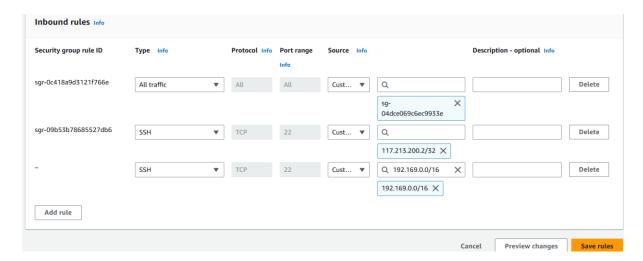




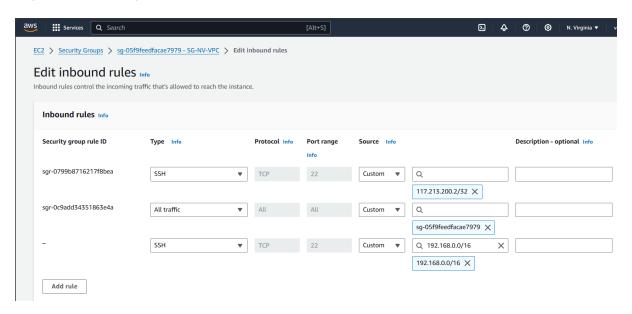
WE HAVE TO CHANGE THE SSH IP ALSO BECAUSE WE SELECTED MY-IP IN SECURITY GROUP

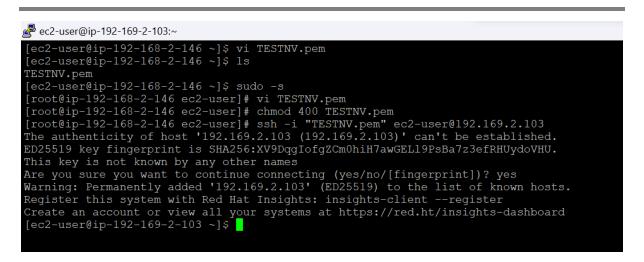
SO MODIFY THE SG IN MUMBAI AND ADD INBOUND RULES  $\rightarrow$  SSH  $\rightarrow$  192.169.0.0/16 IN N,VIRGINIA MODIFY SG  $\rightarrow$  SSH  $\rightarrow$  192.168.0.0/16





#### MODIFY IN N.VIRGINIA





#### **DISMANTLE**

