### **VPC PEERING**

#### How to communicate ec2 instance two different VPC.

#### How to create 2 VPC.

#### 1step

# how to create 1st vpc .

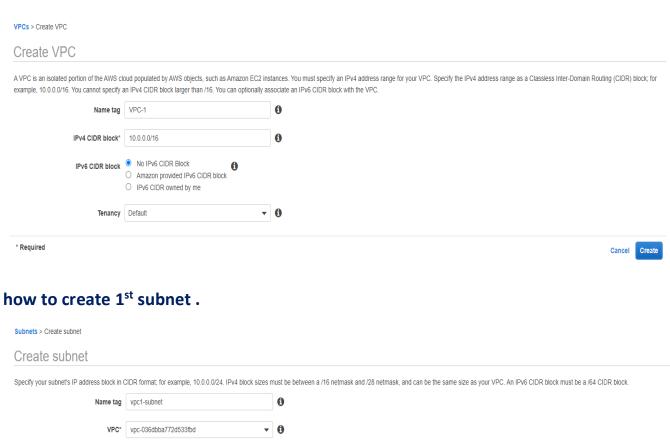
Availability Zone us-east-1a

VPC CIDRS CIDR

IPv4 CIDR block\* 10.0.0.0/24

\* Required

10.0.0.0/16



Status Reason

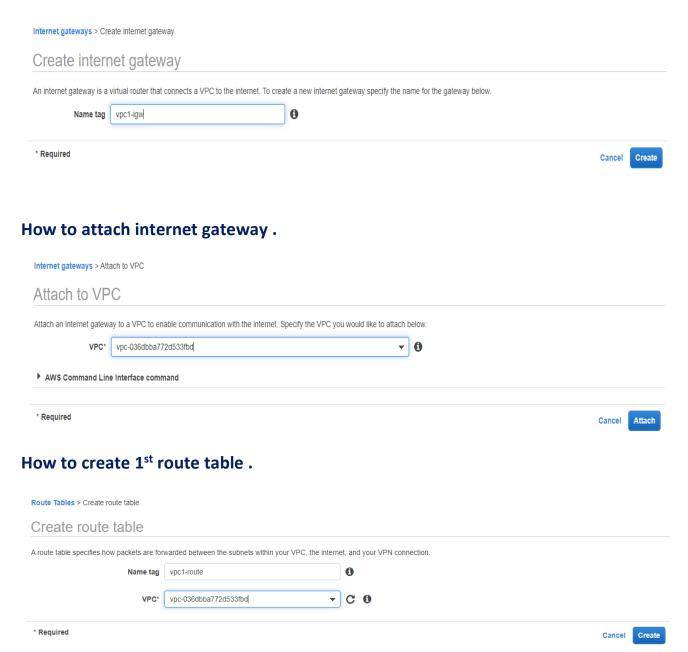
Cancel Create

**•** 0

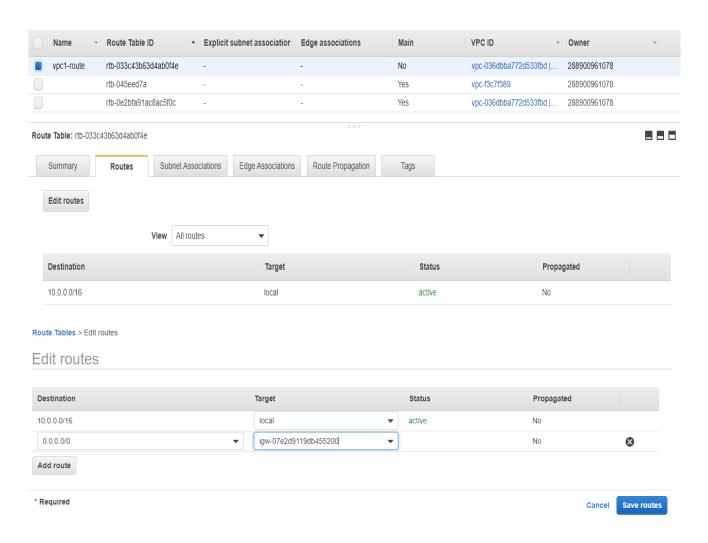
0

Status

# How to create 1st internet gateway.

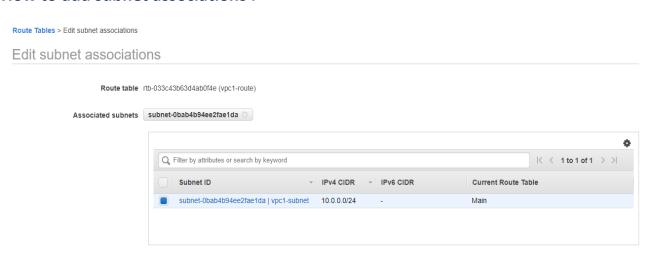


#### How to add route.



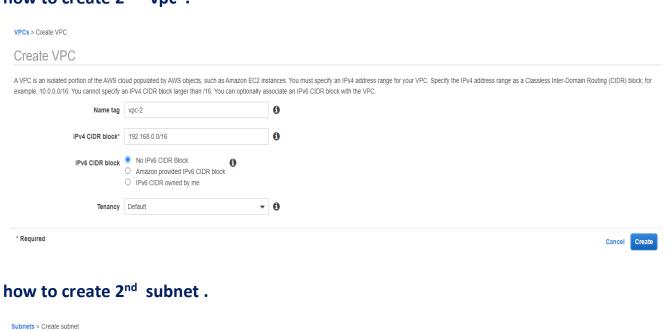
#### How to add subnet associations.

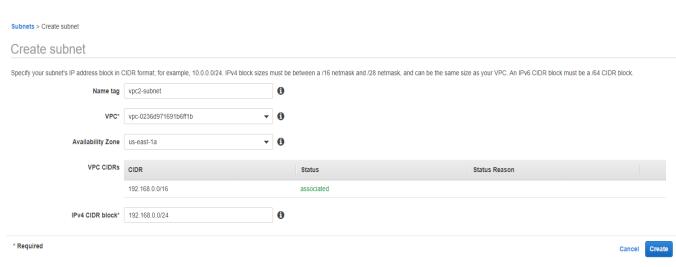
\* Required



#### 2step

# how to create $2^{nd}$ vpc.

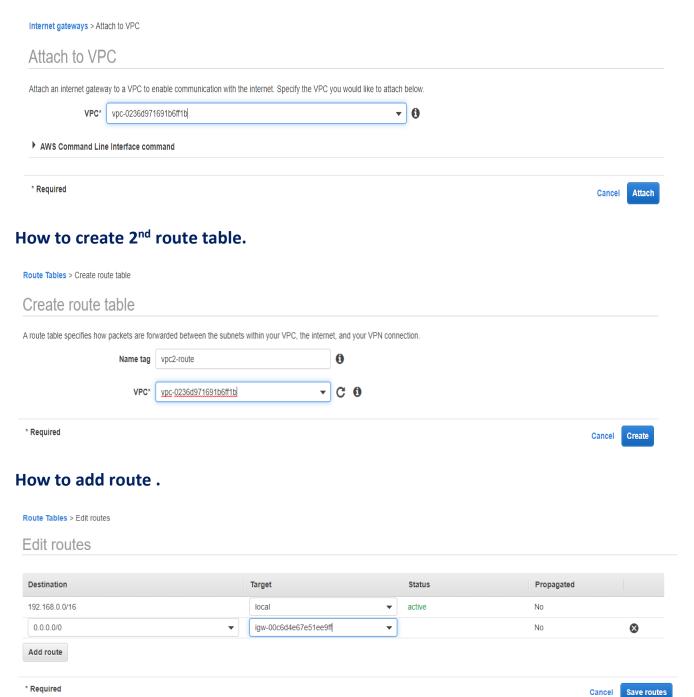




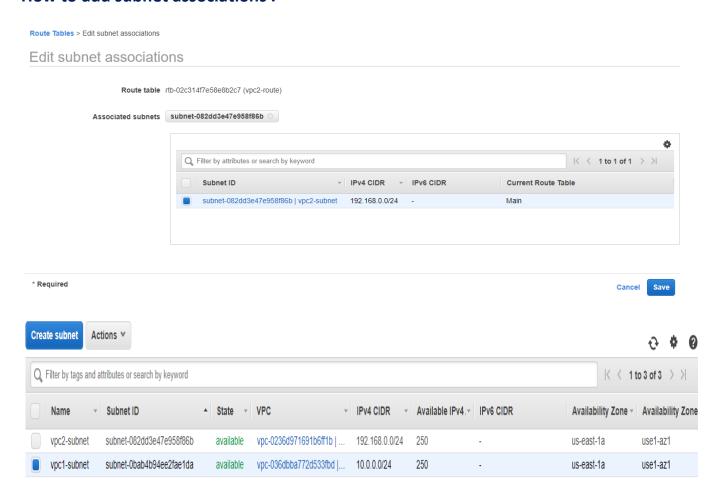
# How to create 2<sup>nd</sup> internet gateway.

Internet gateways > Create internet gateway Create internet gateway An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below. 0 Name tag vpc2-igw \* Required Cancel Create

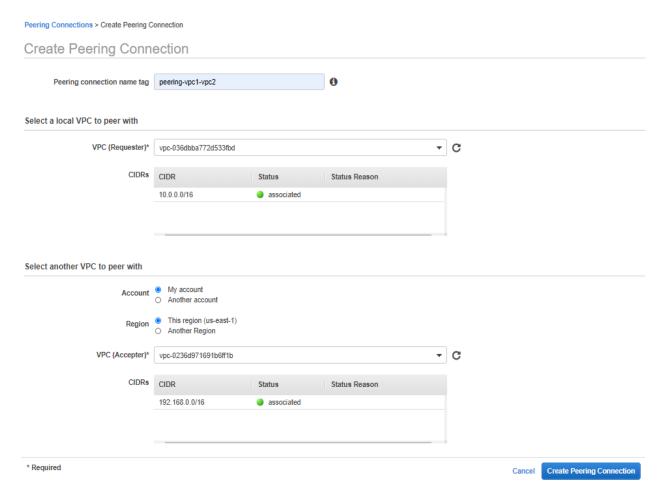
## How to attach internet gateway.



#### How to add subnet associations.

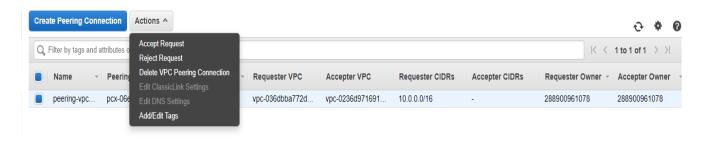


#### how to create vpc peering.



#### Note:- how to request VPC1.

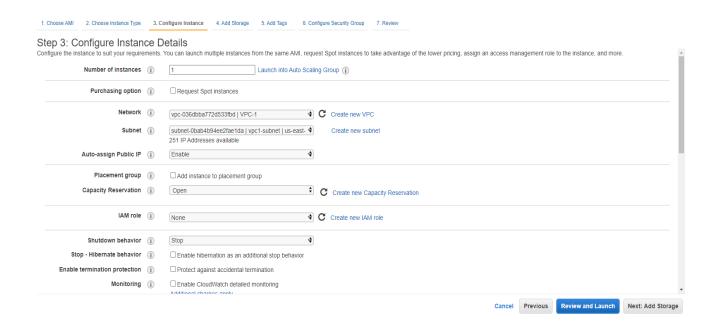
#### How to accept VPC2.



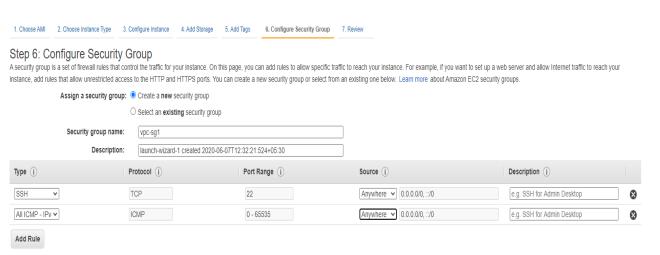
Note:- how to accept request

#### How to create 2 ec2 intstance.

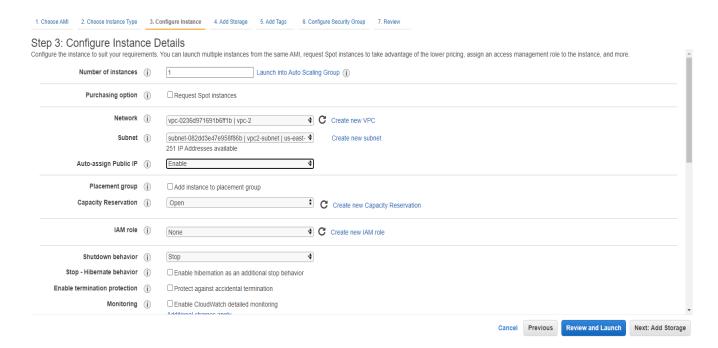
#### How to create 1st ec2-instance.



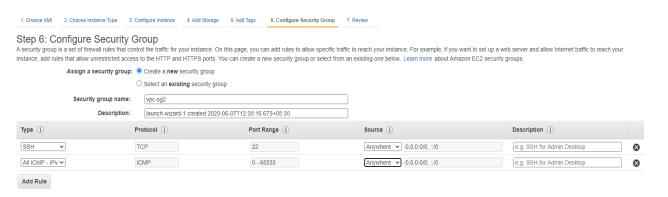
# How to create $\mathbf{1}^{\text{st}}$ security group .

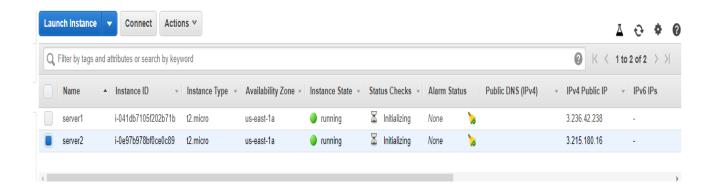


#### How to create 2<sup>nd</sup> ec2-instance.

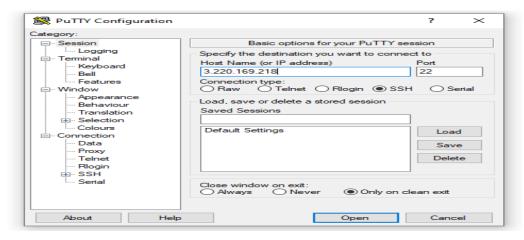


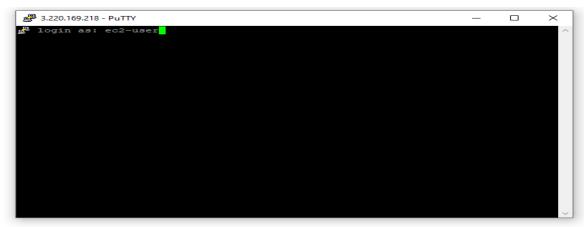
# How to create 2<sup>nd</sup> security group.



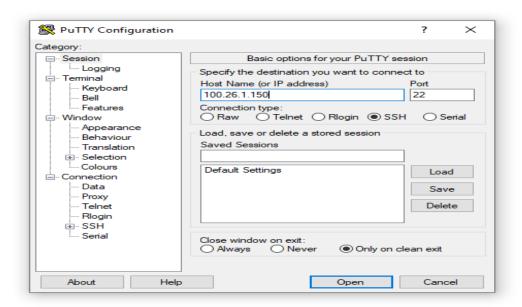


# How to ssh 1st ec2-instance by putty.

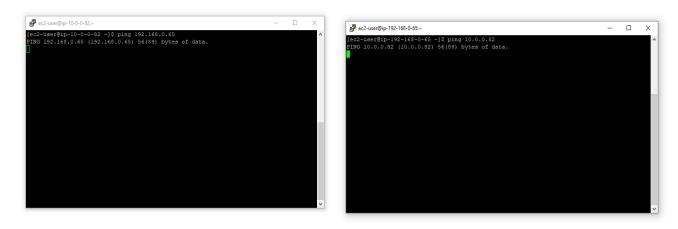




#### How to ssh 2<sup>nd</sup> ec2-instance.



## How to ping ec2-instance.



# Note: - actually not ping ec2-instace. how to add vpc peering in route table.

## How to add 1st route table.



# How to add 2<sup>nd</sup> route table .



# Ping sucessfull?

```
### ec2-user@ip-192-168-0-65 -19 ping 10.0.0.82
PING 10.0.0.82 (10.0.0.82) 56(84) bytes of data.
64 bytes from 10.0.0.82: icmp_seq=1 ttl=255 time=0.374 ms
64 bytes from 10.0.0.82: icmp_seq=2 ttl=255 time=0.351 ms
64 bytes from 10.0.0.82: icmp_seq=3 ttl=255 time=0.399 ms
64 bytes from 10.0.0.82: icmp_seq=4 ttl=255 time=0.393 ms
64 bytes from 10.0.0.82: icmp_seq=5 ttl=255 time=0.511 ms
64 bytes from 10.0.0.82: icmp_seq=6 ttl=255 time=0.429 ms

[]
```