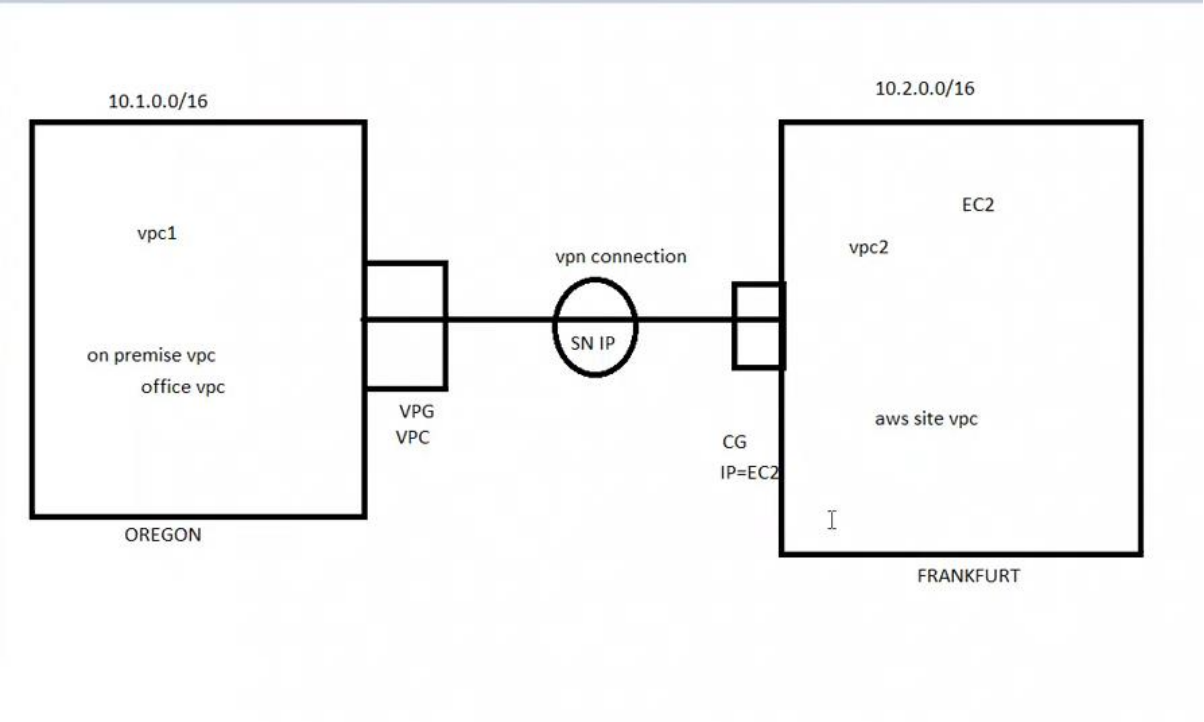
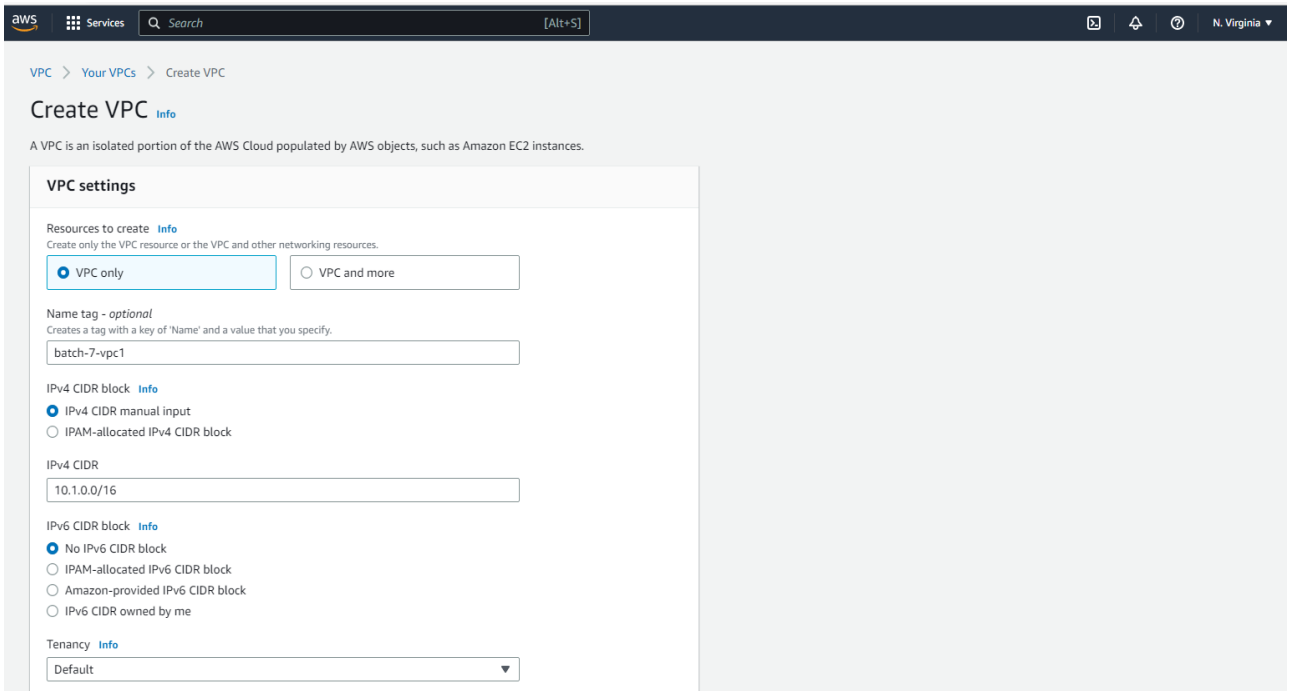
NIDHI SHARMA (BATCH-7)

SITE-TO-SITE VPN

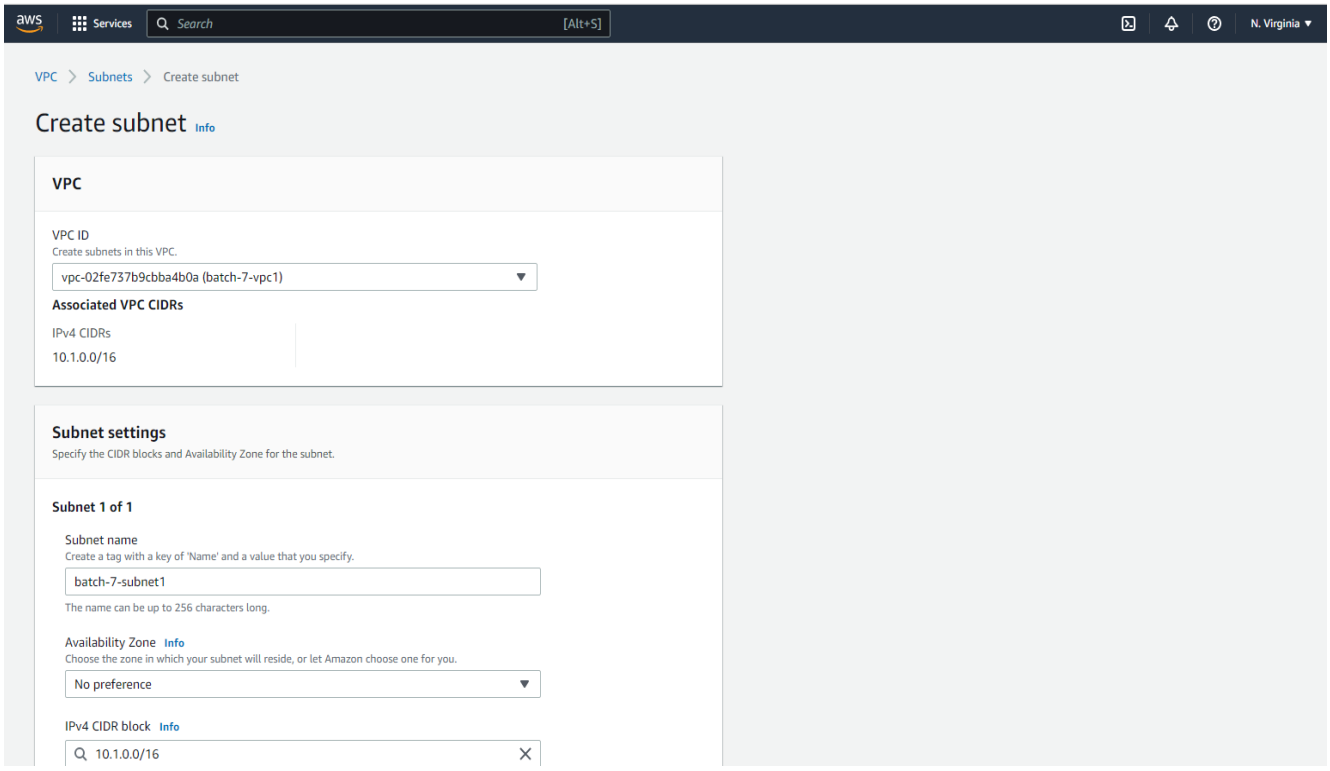
By default, instances that you launch into an Amazon VPC can't communicate with your own (remote) network. You can enable access to your remote network from your VPC by creating an AWS Site-to-Site VPN (Site-to-Site VPN) connection and configuring routing to pass traffic through the connection.



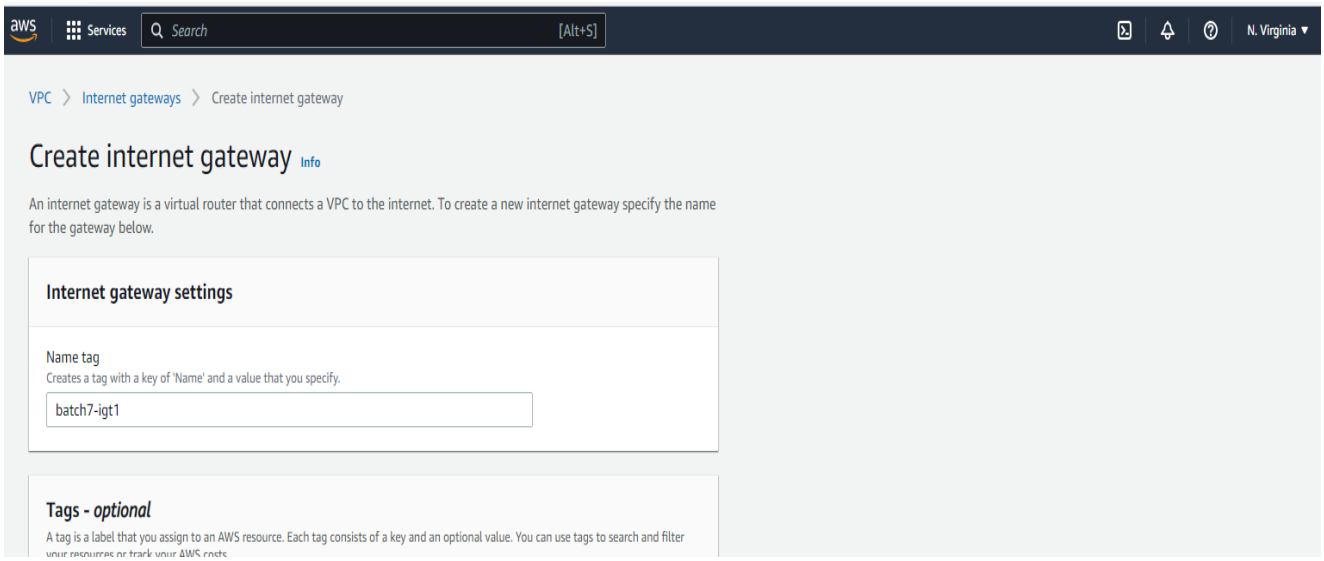
- We have to create 2 VPC in two different regions. Let' s Start by creating a 1st VPC in N.Virginia.



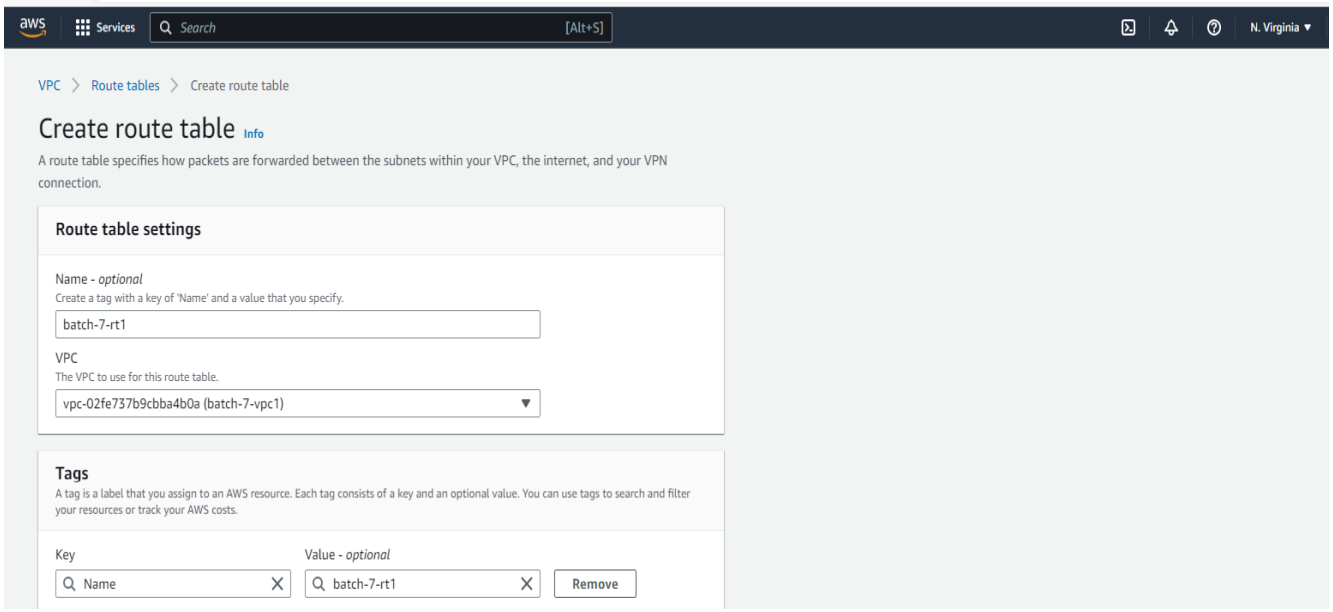
➢ Create Subnet.



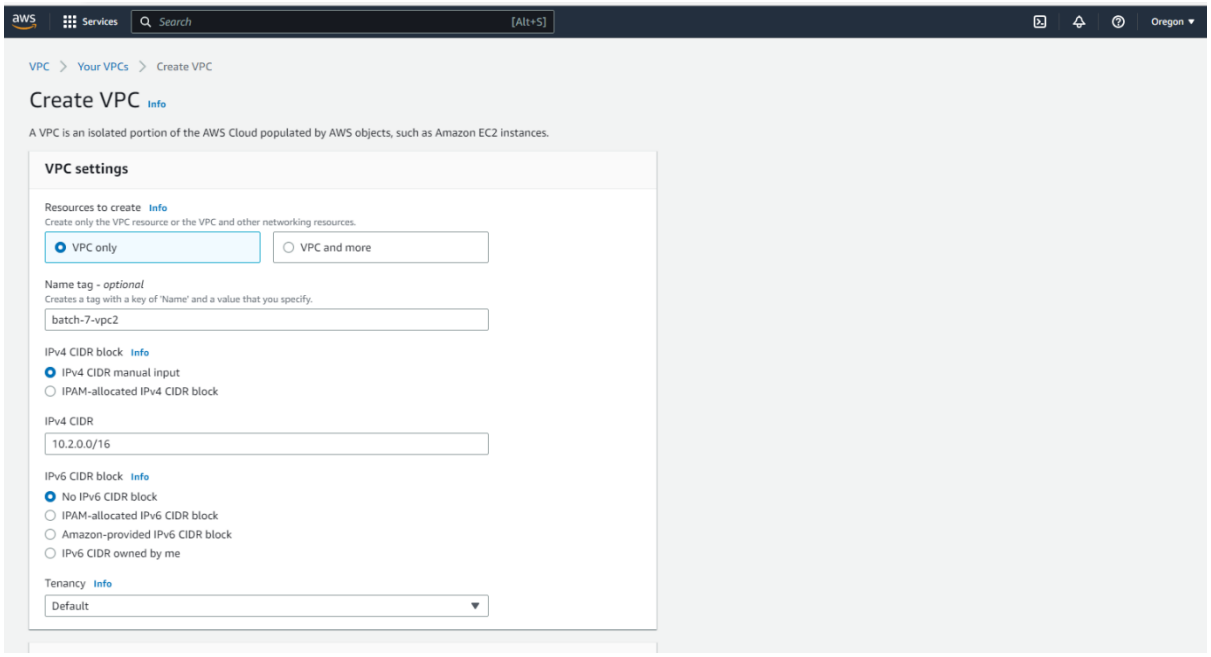
➢ Create a internet gateway and attach it to the VPC.

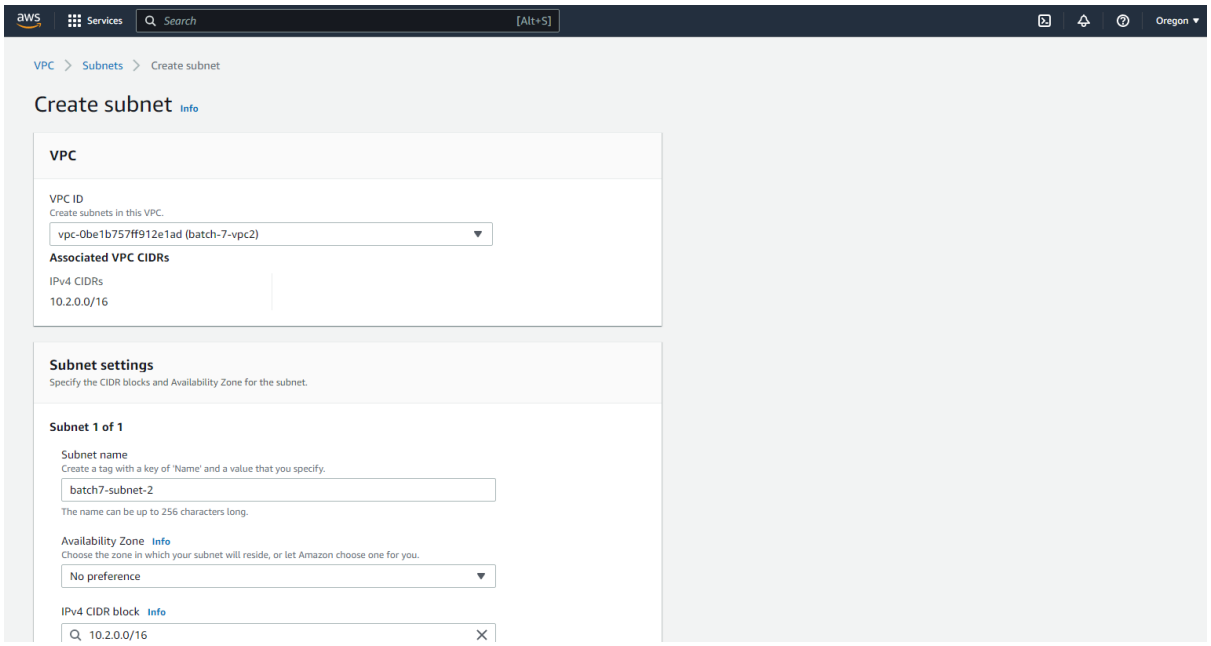


- Create a Route table. And than edit the Route and make subnet association.

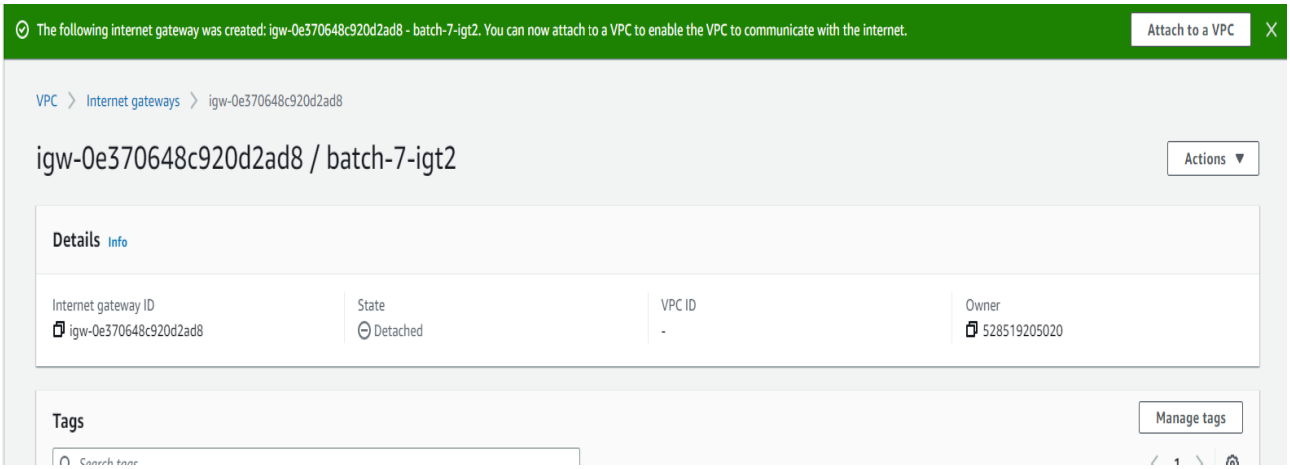


- Now we have to Create a Second a VPC in another Region (Oregon) steps are same so below we have the screenshot for the same.

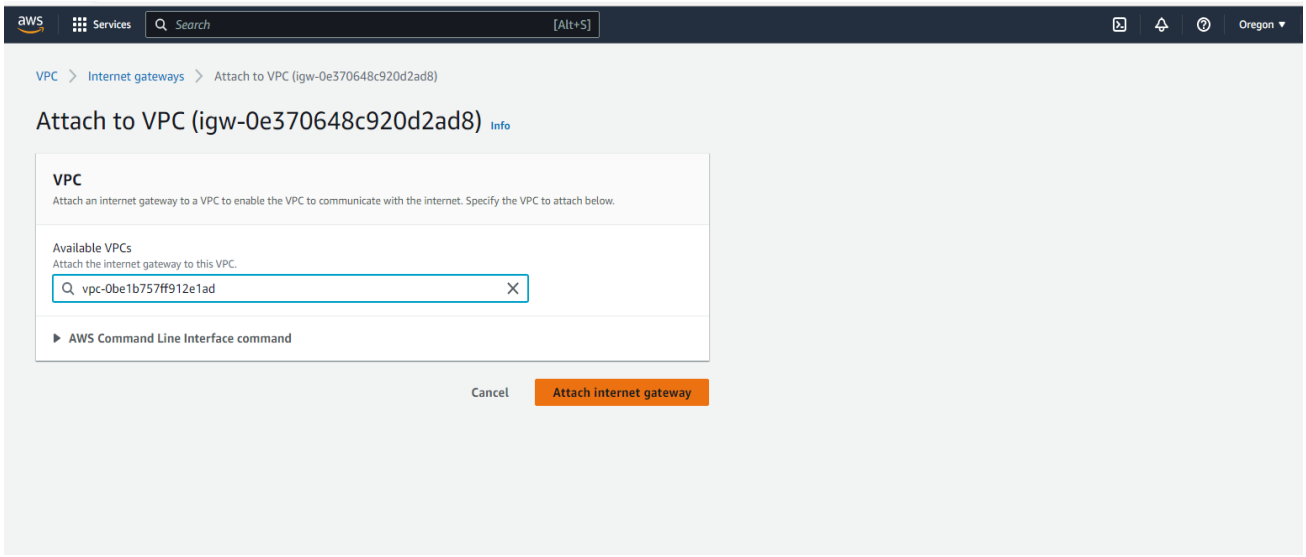




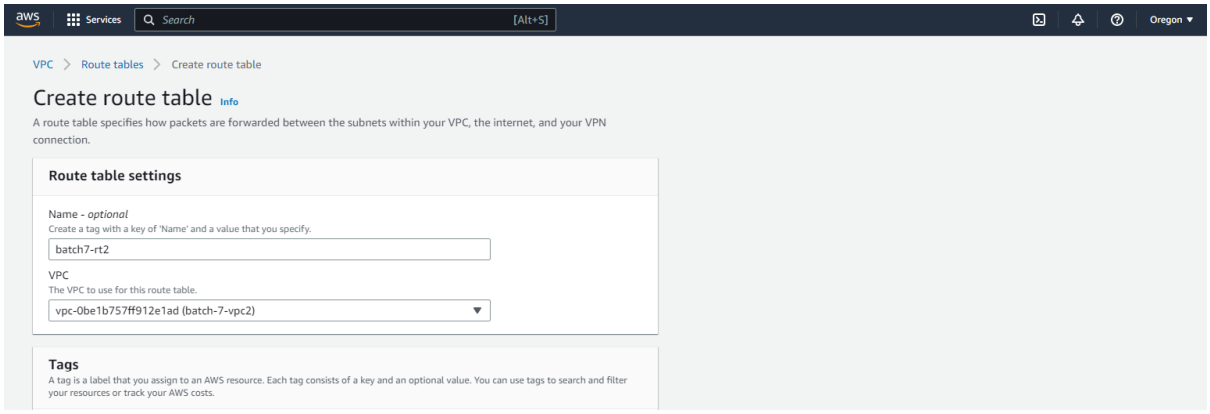
- Creating the Internet gateway.



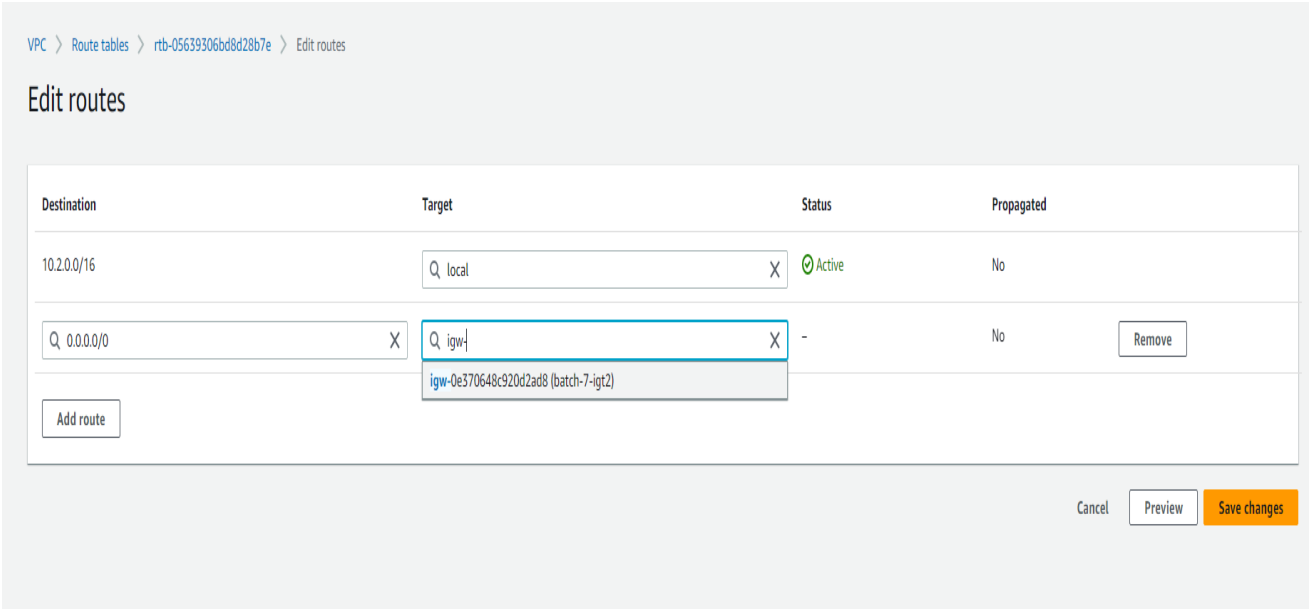
➢ Attach the VPC



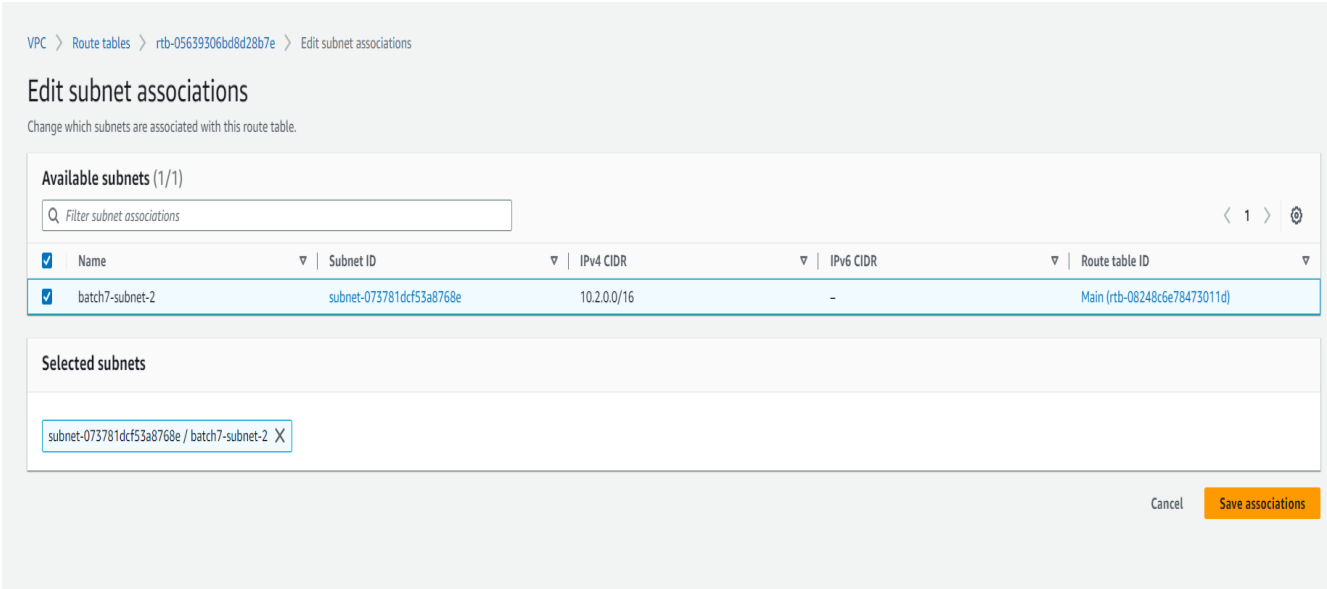
➢ Create Route table



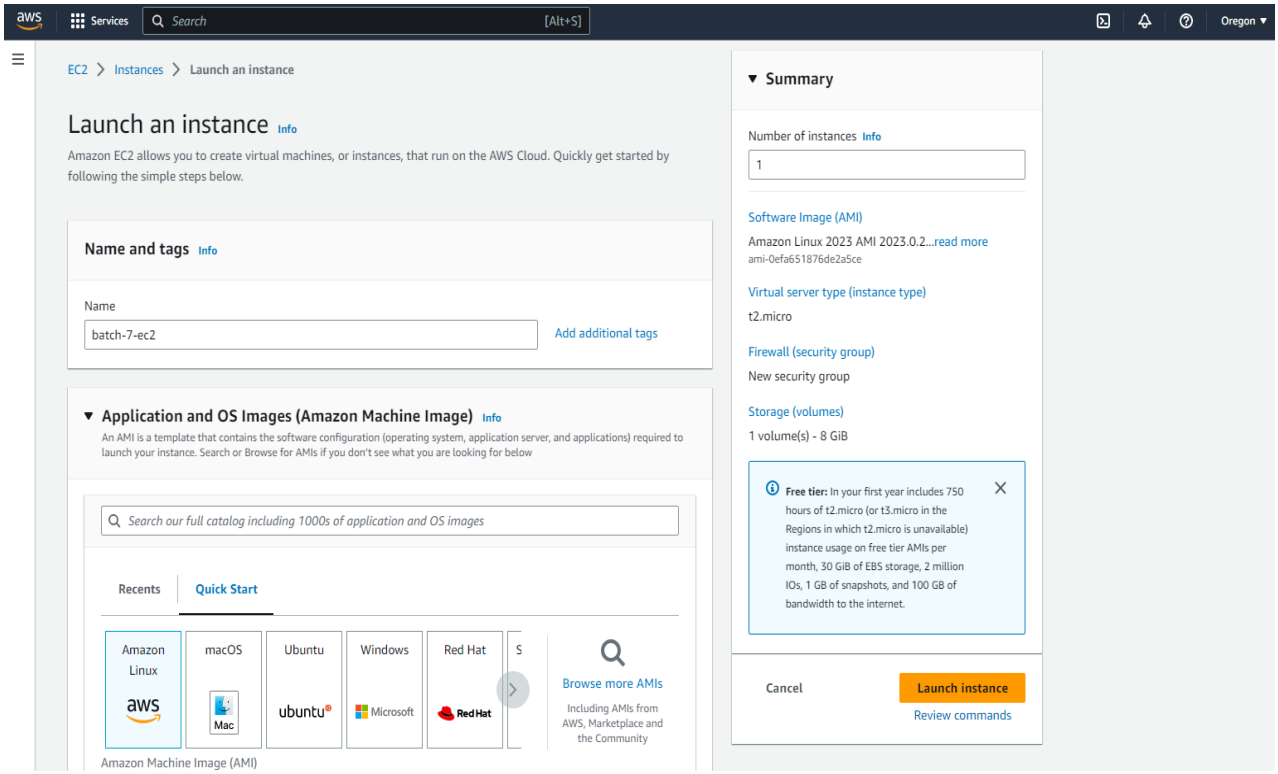
➢ Edit Route table.

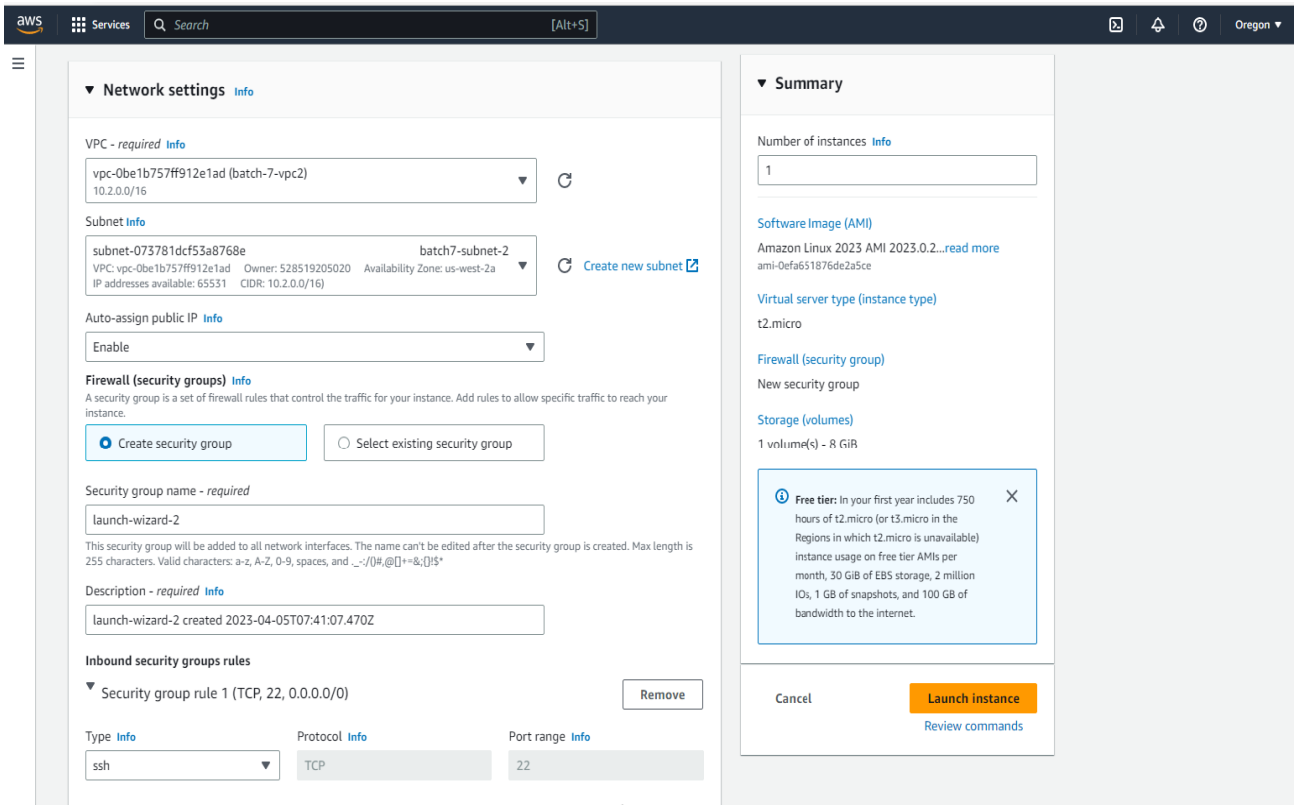


- Edit Subnet association.

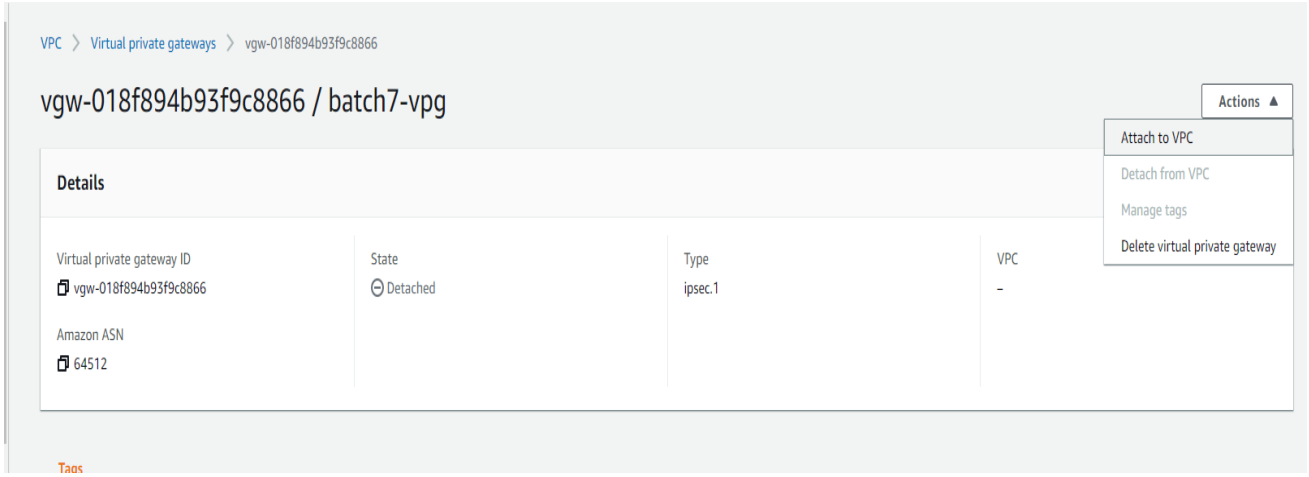


- Now We have to create EC2 in VPC2 and make changes in Network setting.

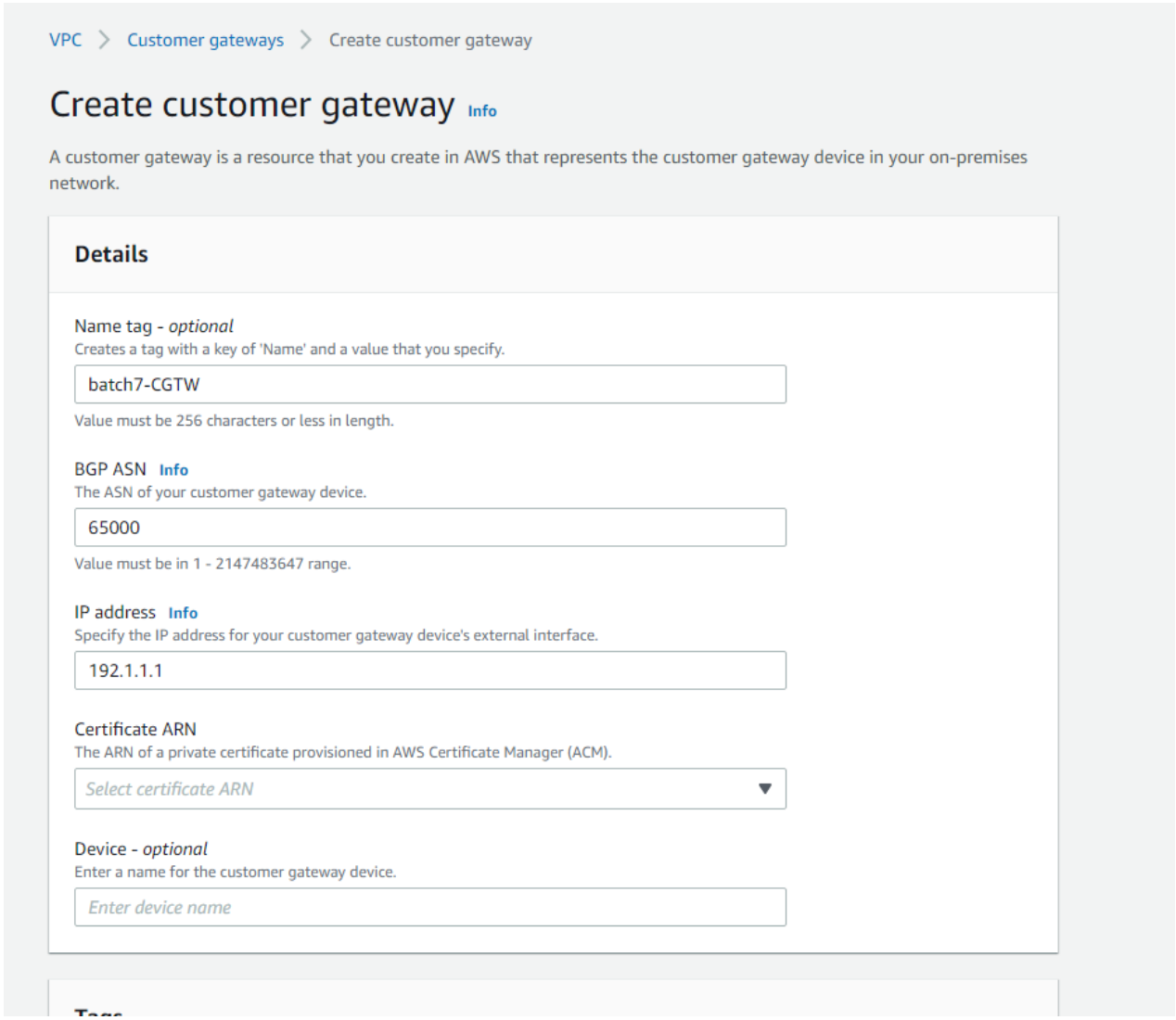




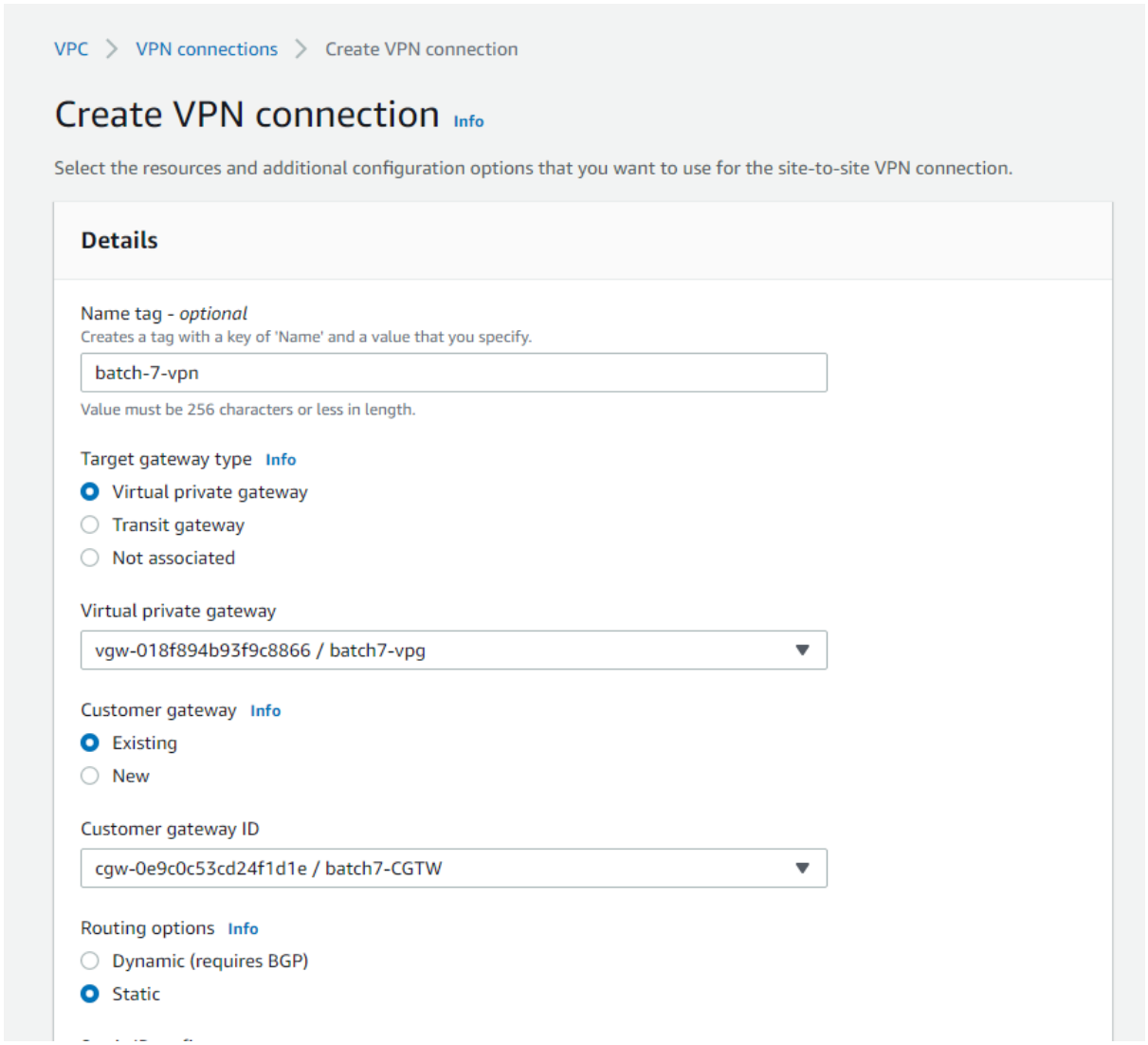
- Create Virtual private gateway in VPC1 and attach the VPC.

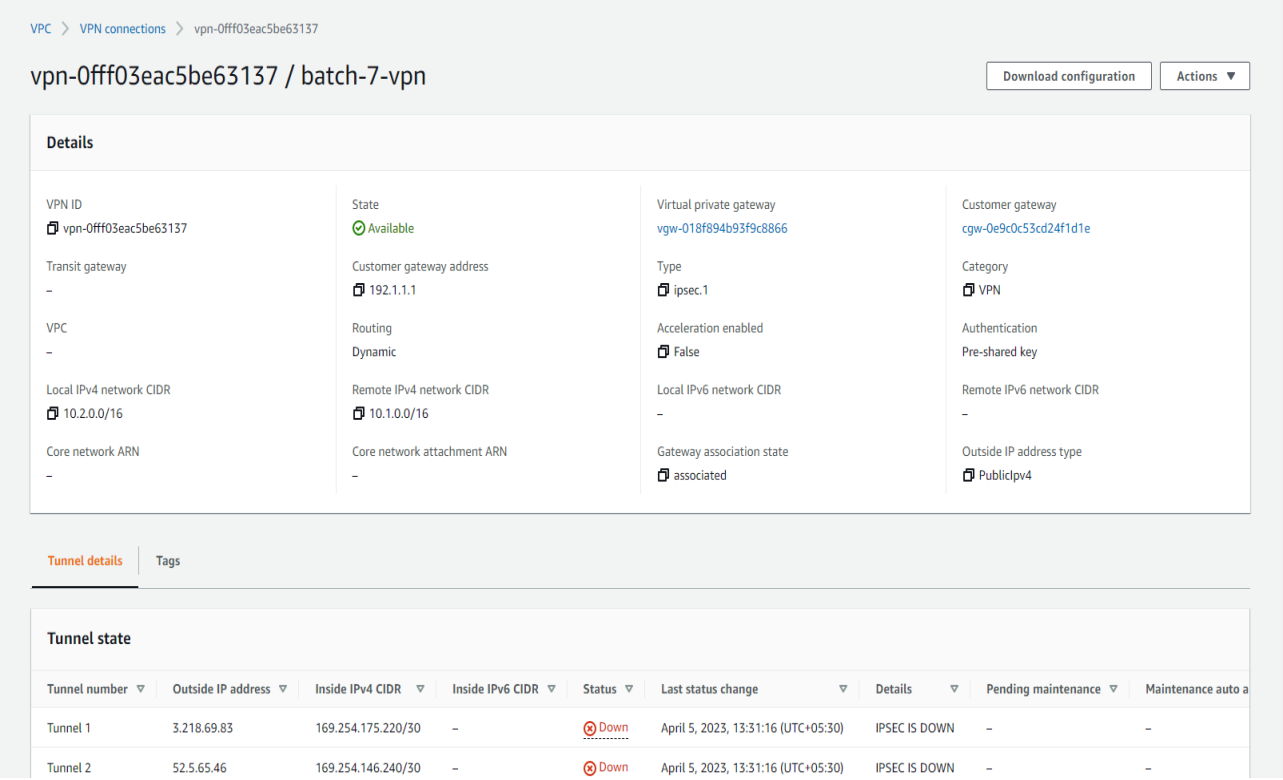


- Now create customer gateway in VPC1 and give the public ID of ec2.



- Create VPN connection.


VPC > VPN connections > Create VPN connection
Create VPN connection Info
Select the resources and additional configuration options that you want to use for the site-to-site VPN connection.
Details
Name tag - optional
Creates a tag with a key of 'Name' and a value that you specify.
batch-7-vpn
Value must be 256 characters or less in length.
Target gateway type Info
Virtual private gateway
Transit gateway
Not associated
Virtual private gateway
vgw-018f894b93f9c8866 / batch7-vpg
Customer gateway Info
Existing
New
Customer gateway ID
cgw-0e9c0c53cd24f1d1e / batch7-CGTW
Routing options Info
Dynamic (requires BGP)
Static



In order to make the tunnel "UP" you have to configure the EC2 with customer gateway.

END