Lesson 05 Demo 07

Configuring VPC Peering Connections

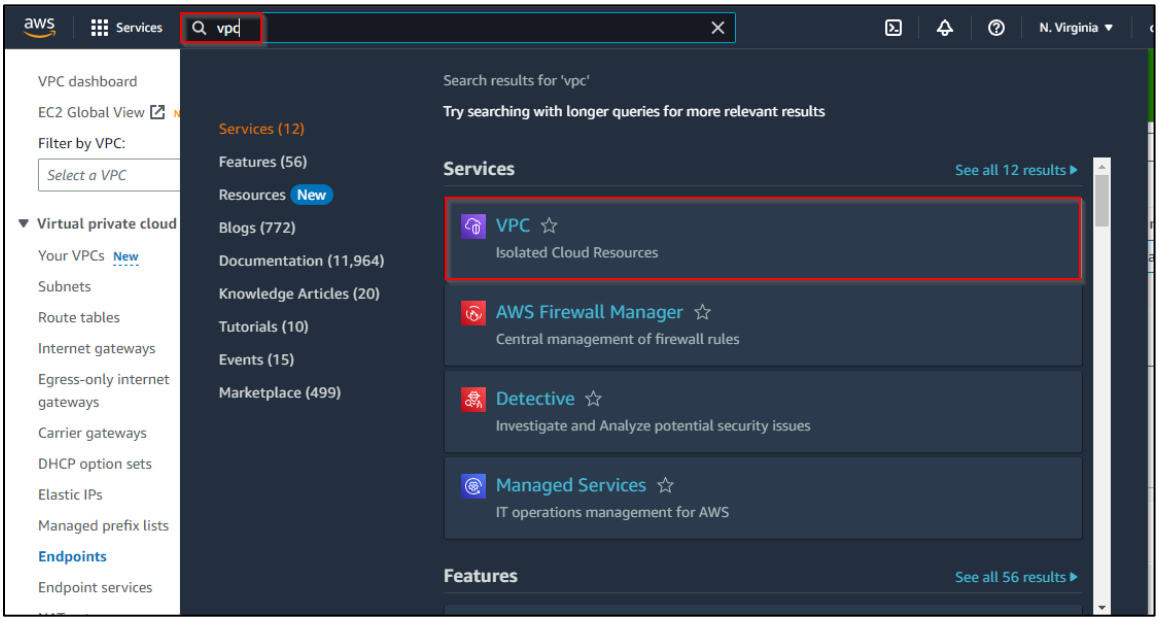
Objective: To connect two VPCs with different regions using peering connection
Tools required: AWS Management Console
Prerequisites: AWS account

Steps to be followed:

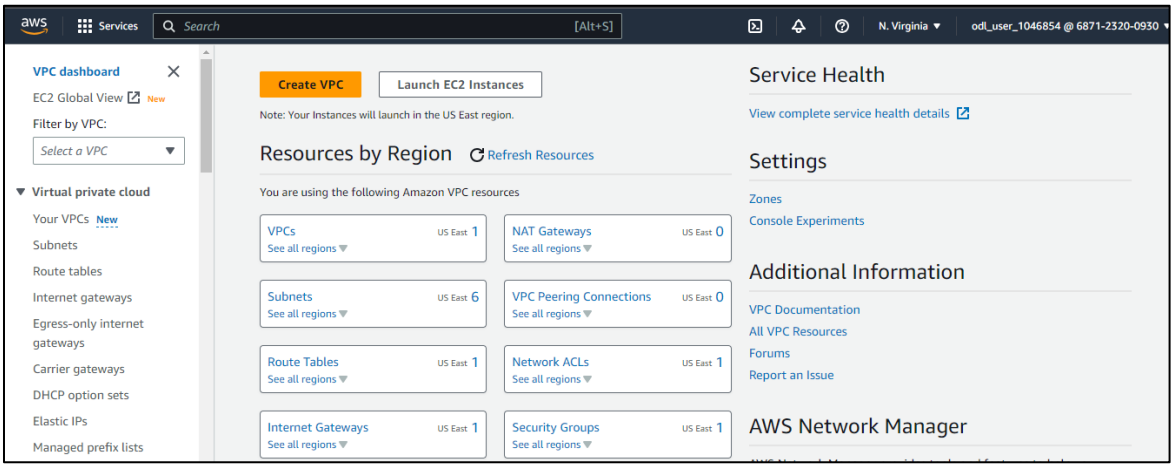
1. Create two VPCs with different regions
2. Configure Peer connection

Step 1: Creating two VPCs with different regions

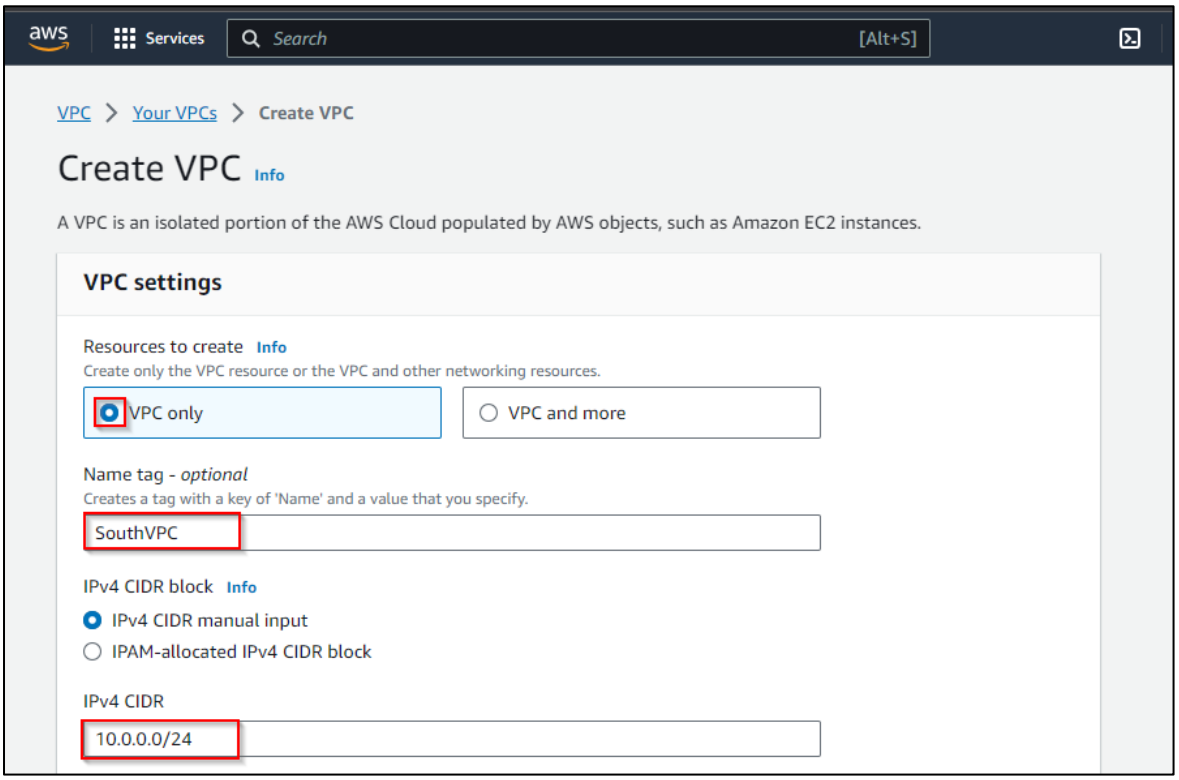
1.1 Navigate to the AWS Management Console, search and select **VPC**



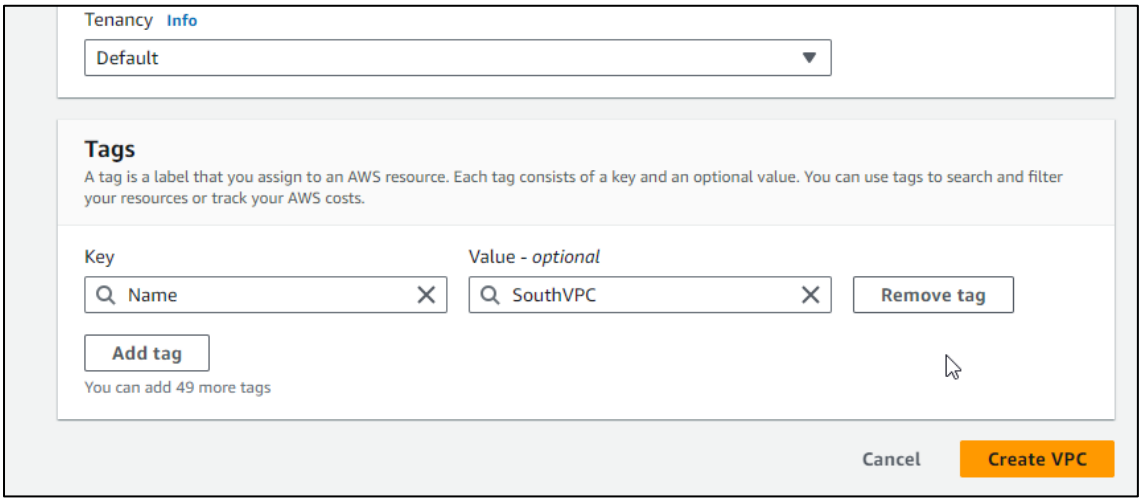
1.2 Click on **Create VPC**



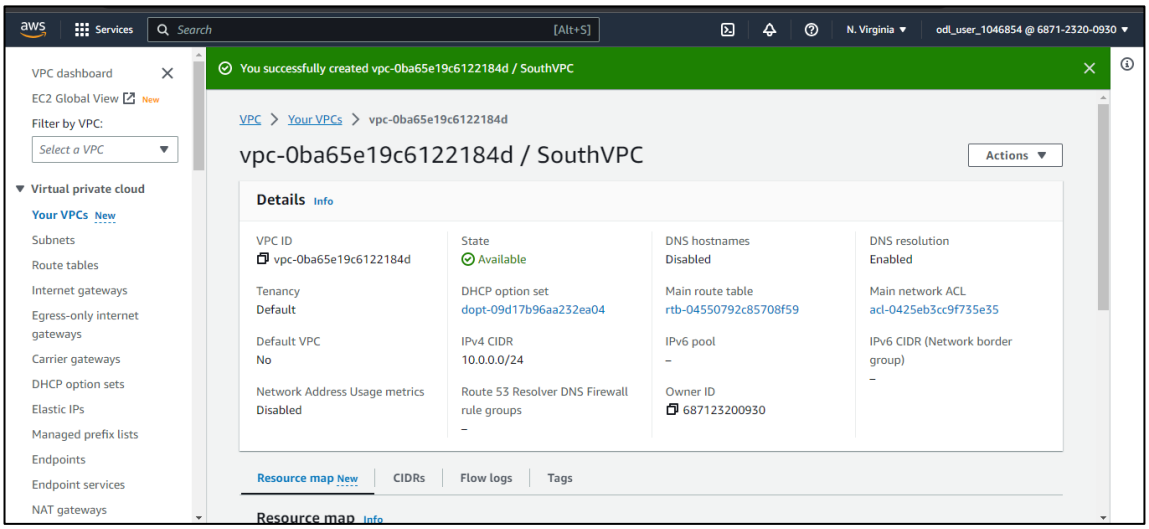
1.3 Provide a name for the first **VPC** as **SouthVPC**, choose manual input for IPv4 CIDR, and enter **10.0.0.0/24** in the **IPv4 CIDR** field



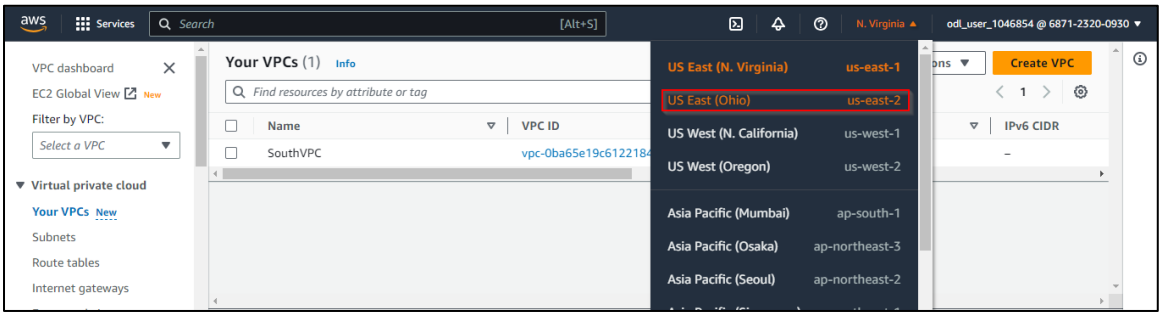
1.4 Click on **Create VPC**



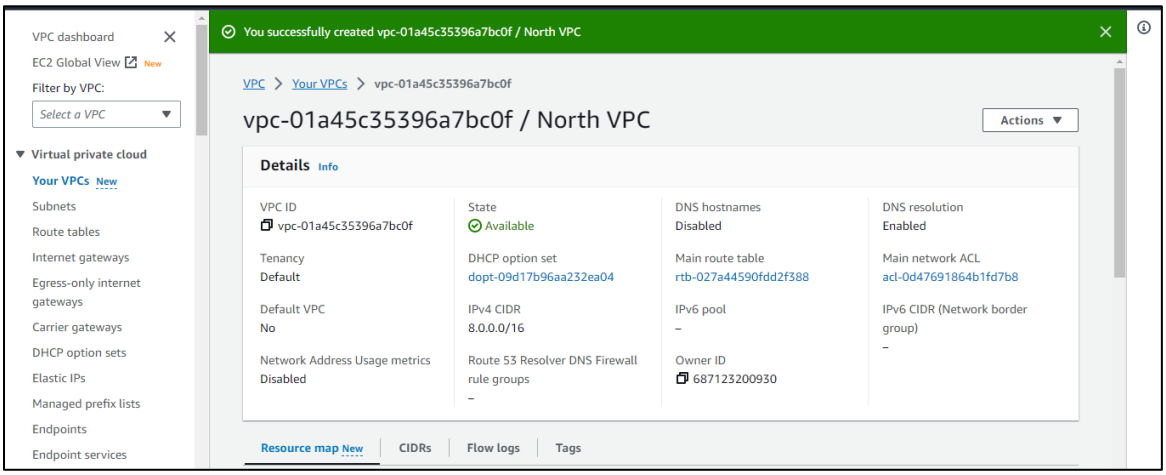
SouthVPC has been successfully created.



1.5 Click on the region, switch the region to **US East (Ohio)** to create the second VPC



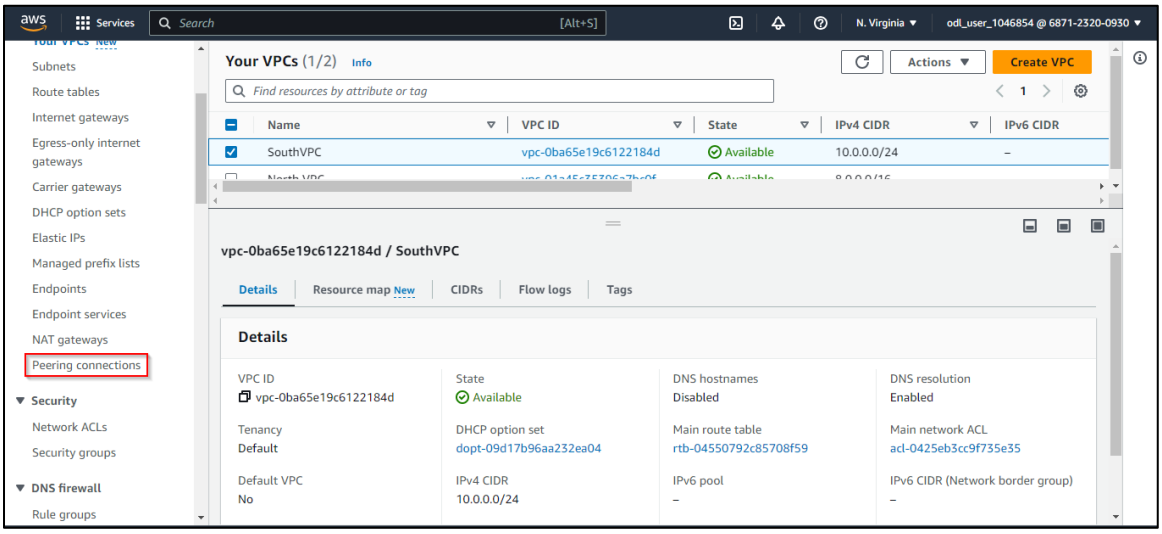
Repeat the steps from 1.1 to 1.4 for creating the second VPC, name it as North VPC and use the IPv4 CIDR block 8.0.0.0/16 to ensure a different range.



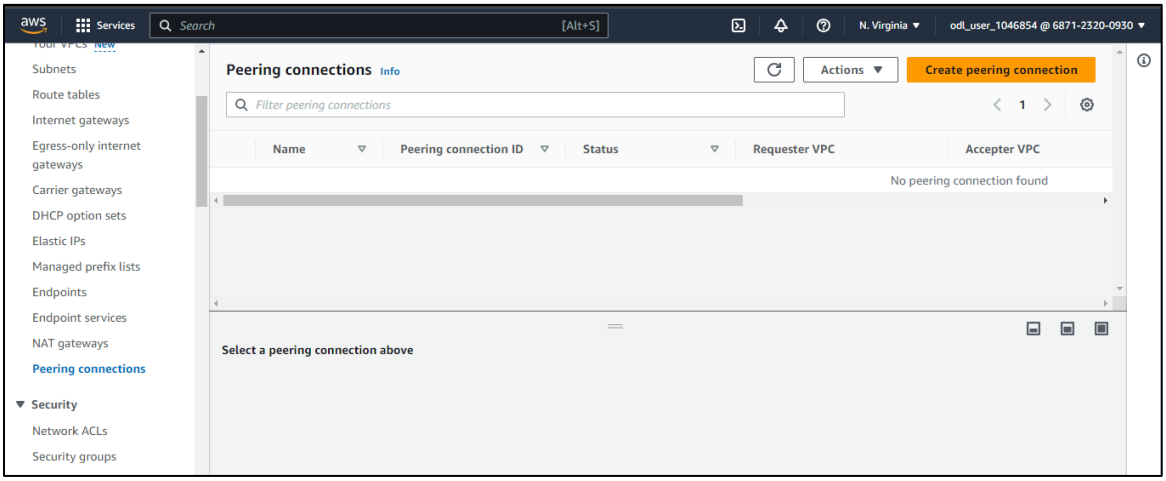
North VPC has been created successfully.

Step 2: Configure Peer Connection

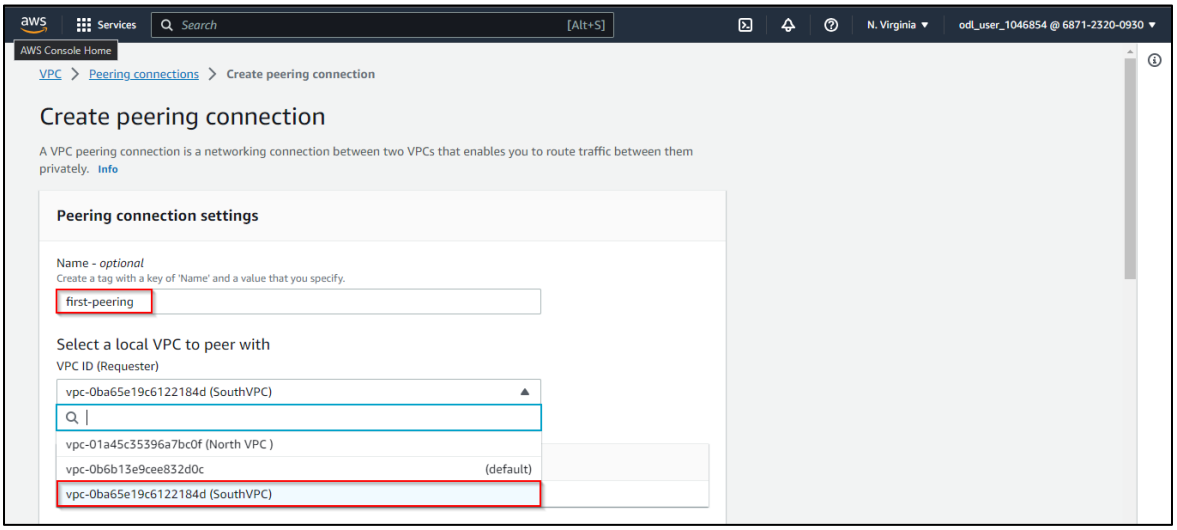
2.1 Navigate to **Peering connections** in the VPC dashboard



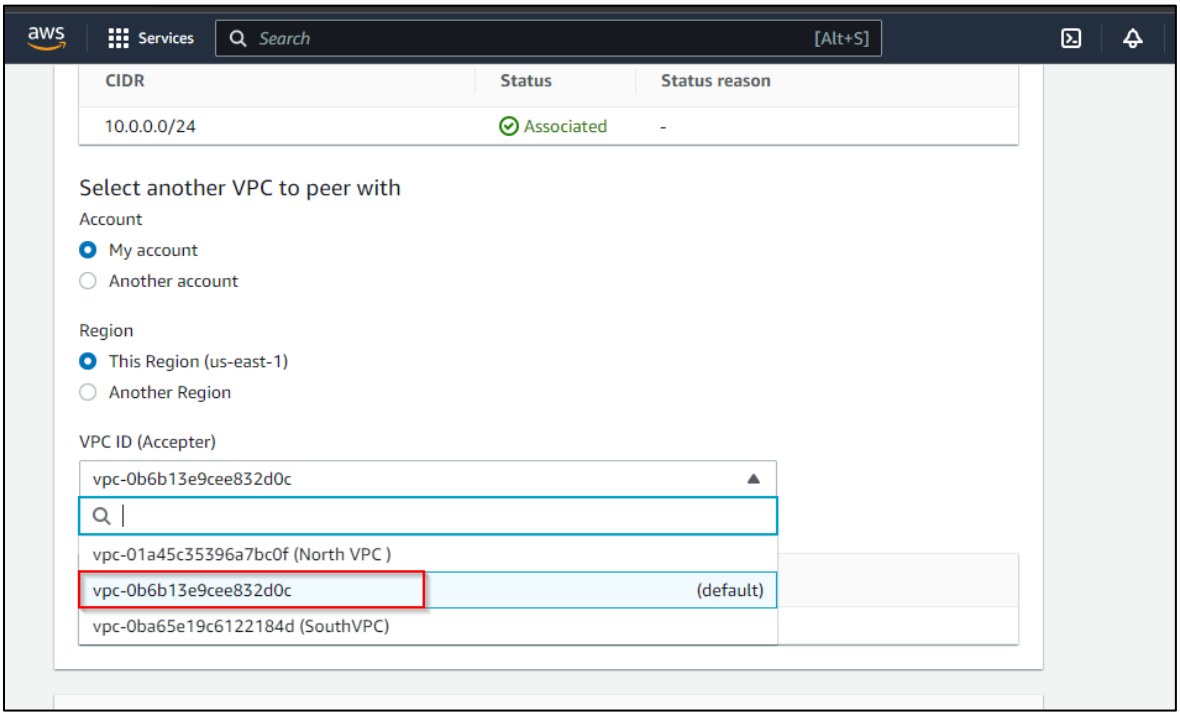
2.2 Click on **Create peering connection**



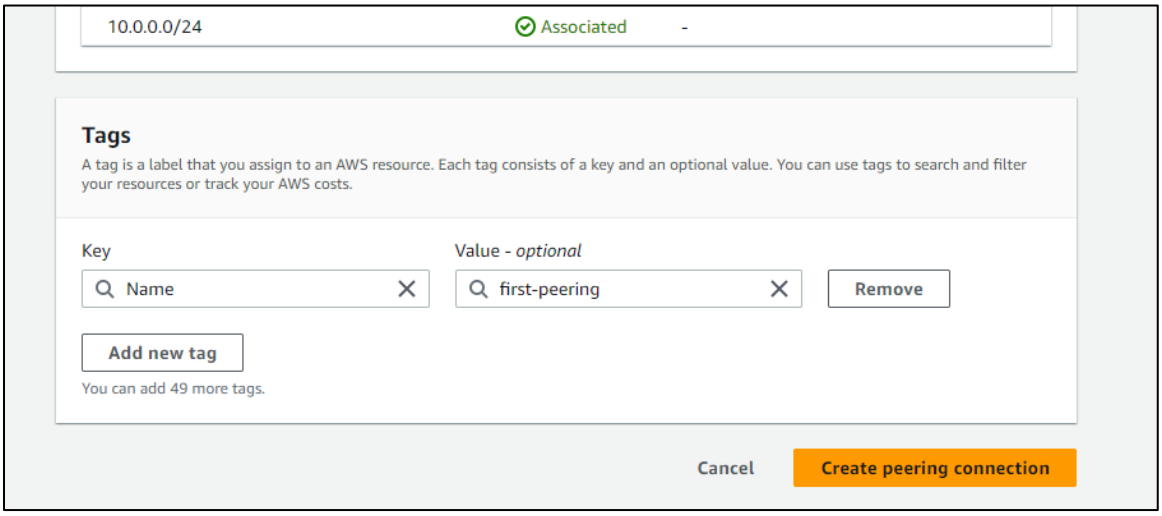
2.3 Enter the name as **first-peering** and select the VPC ID of **SouthVPC**

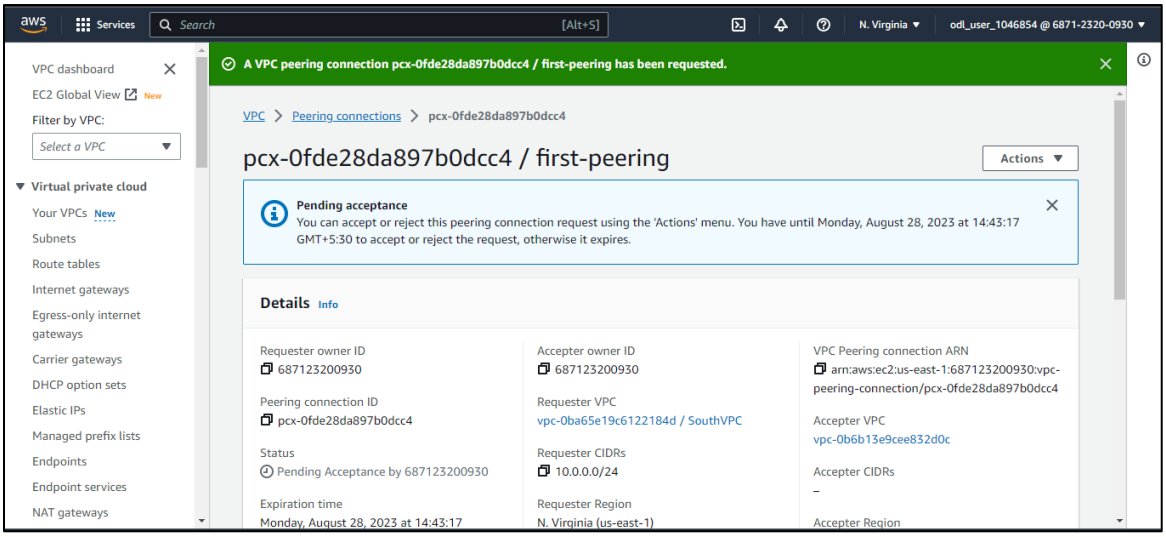


2.4 Choose the **default VPC** in the **VPC ID (Accepter)** field



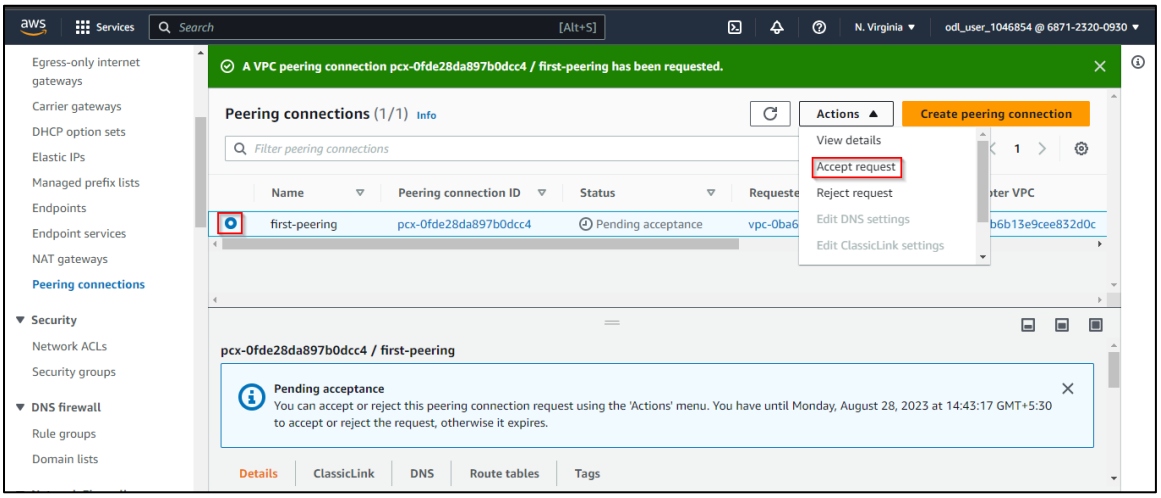
2.5 Click on **Create peering connection**



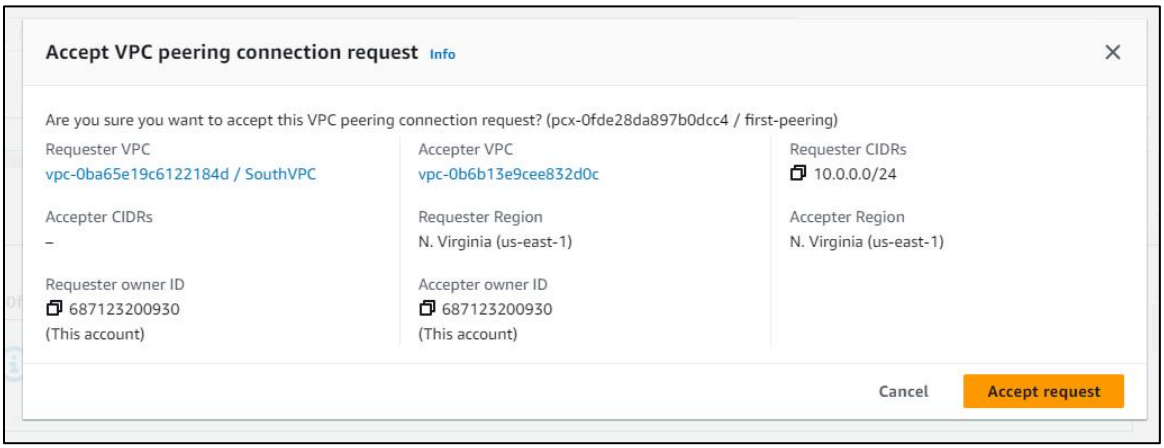


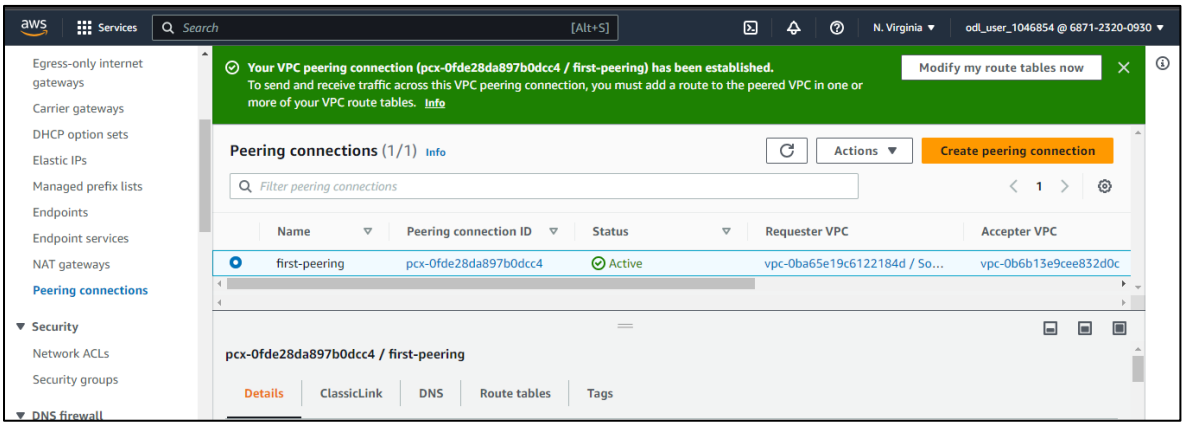
VPC peering connection has been requested.

2.6 Return to the **Peering connections** section and click on **Accept request** under **Actions**



2.7 Review the information presented and click on **Accept request**





The VPC peering connection has now been successfully established.

By using these steps, you will have successfully established a VPC peering connection between SouthVPC and North VPC, enabling secure communication between the two VPCs located in different regions.