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**CASE STUDY**

Create two VPCs in different regions and connect the two vpc’s using peering.

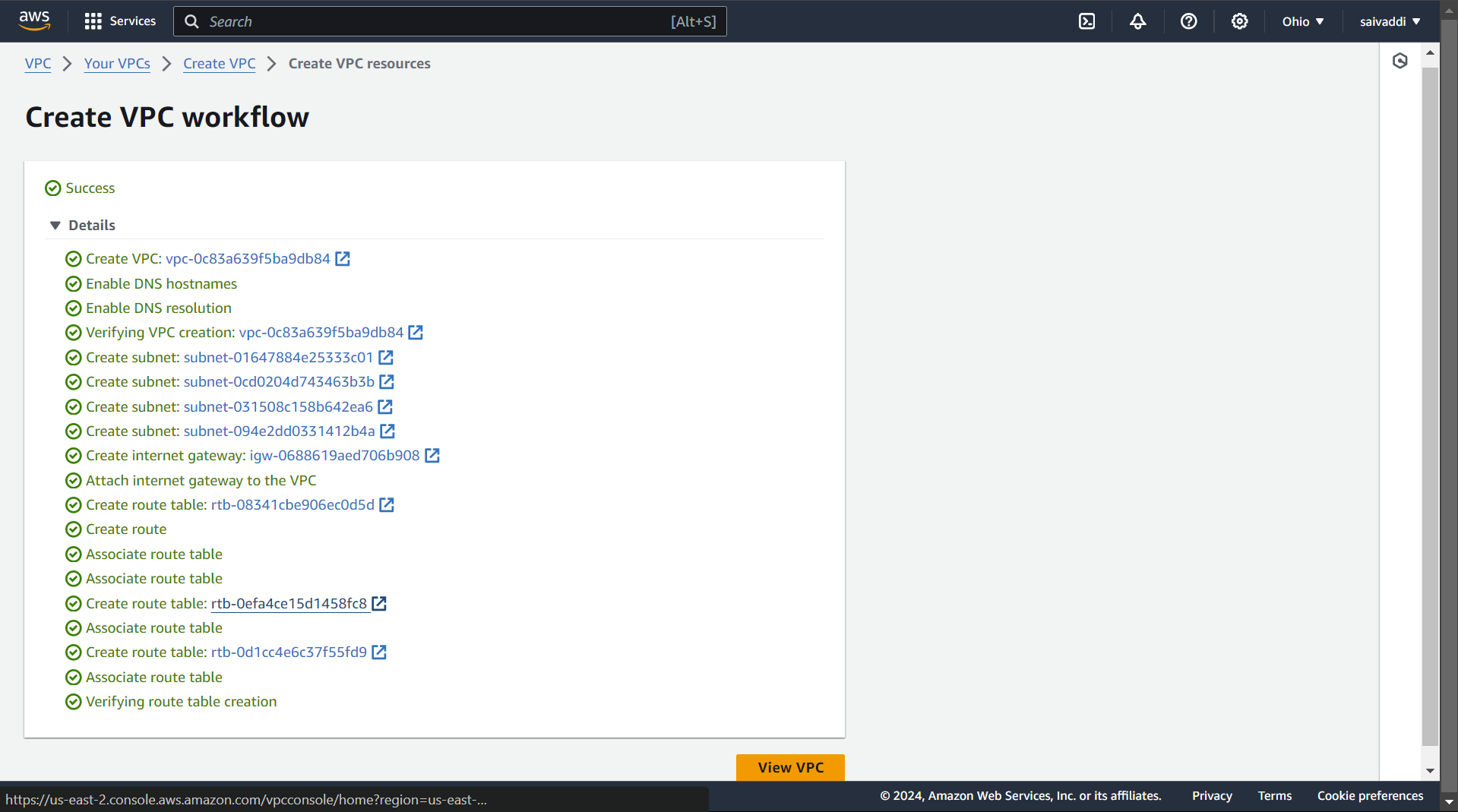
Step 0: Login to aws account with the credentials.

A screenshot of a computer

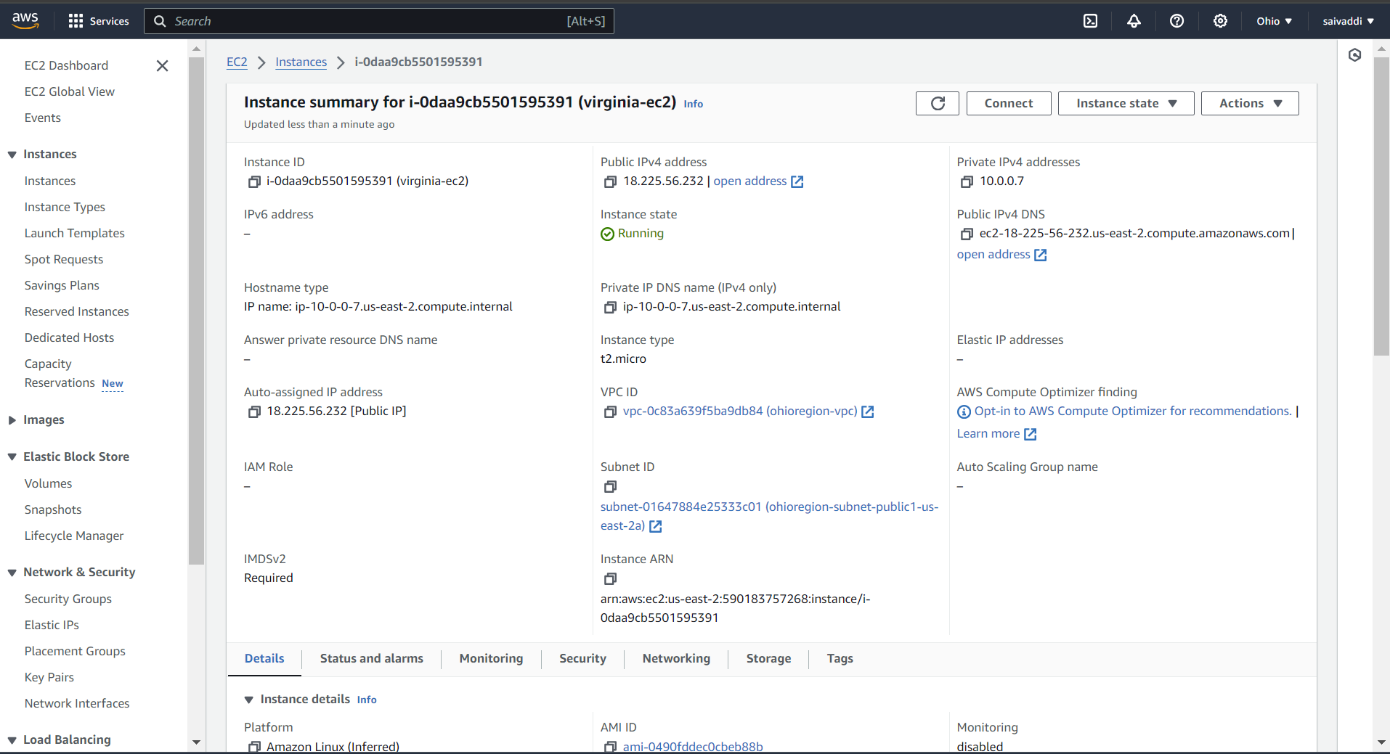
Description automatically generatedStep 1: Create a VPC in Ohio Region

A screenshot of a computer

Description automatically generated



Step 2:

1. Create a EC2 with custom VPC (which is created above) in Ohio Region with Amazon Linux.
2. Install a nginx in EC2 and write the file index.html in /usr/share/nginx/html.

A screenshot of a computer program

Description automatically generatedCommand: yum install nginx -y

1. Write “This is Ohio server” in index.html.

A screenshot of a computer

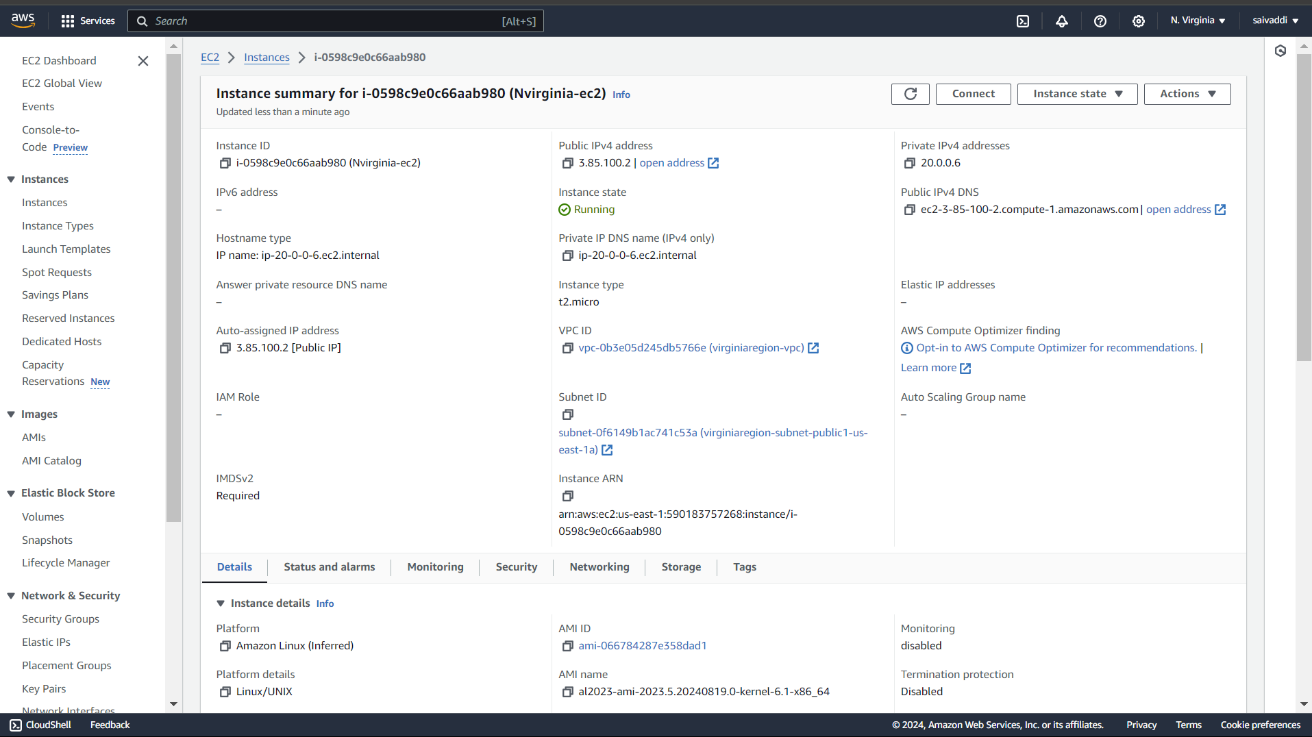
Description automatically generatedStep 3: Create a VPC in N.Virginia region. A screenshot of a computer

Description automatically generated

A screenshot of a computer

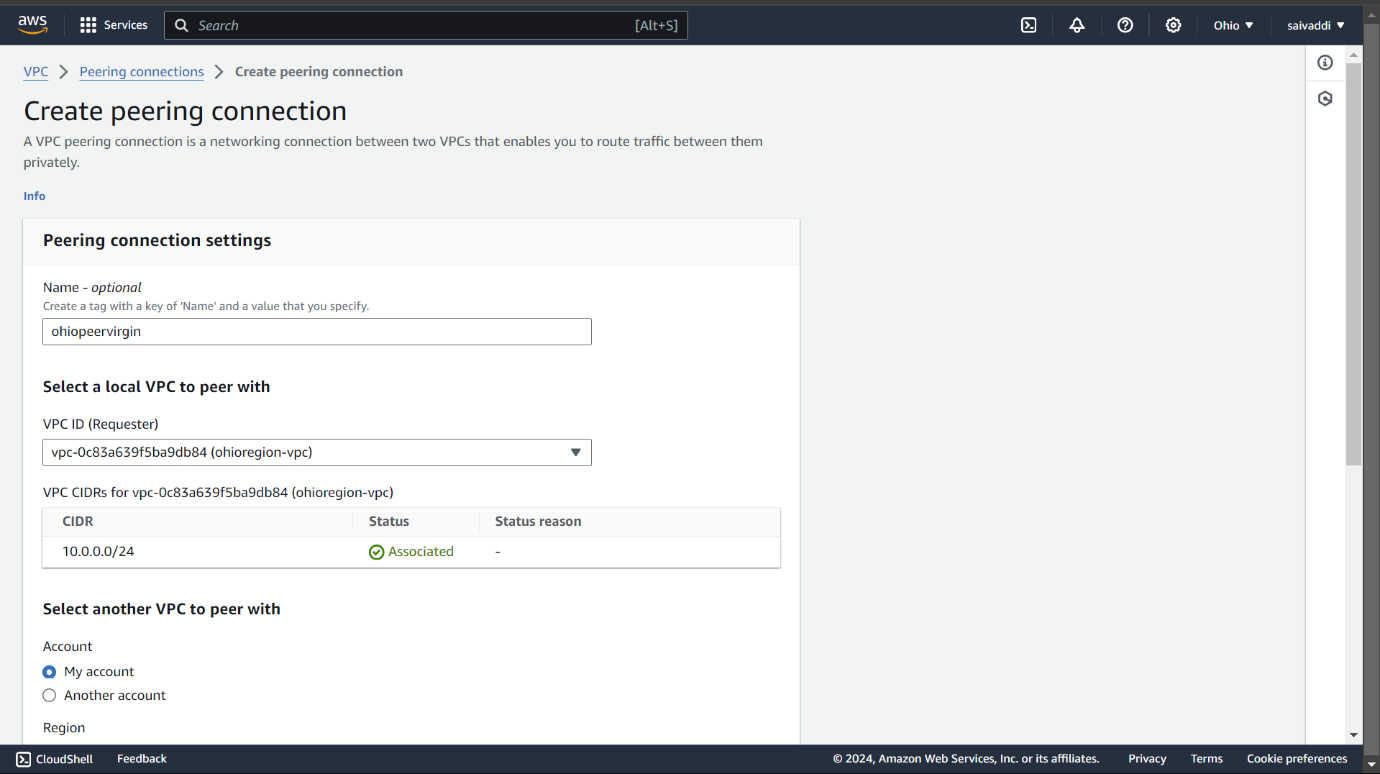
Description automatically generated

Step 4:

1. Create a EC2 with custom VPC (which is created above) in N.Virginia Region with Amazon Linux.
2. Install a nginx in EC2 and write the file index.html in /usr/share/nginx/html.
3. Write “This is Virginina server” in index.html.

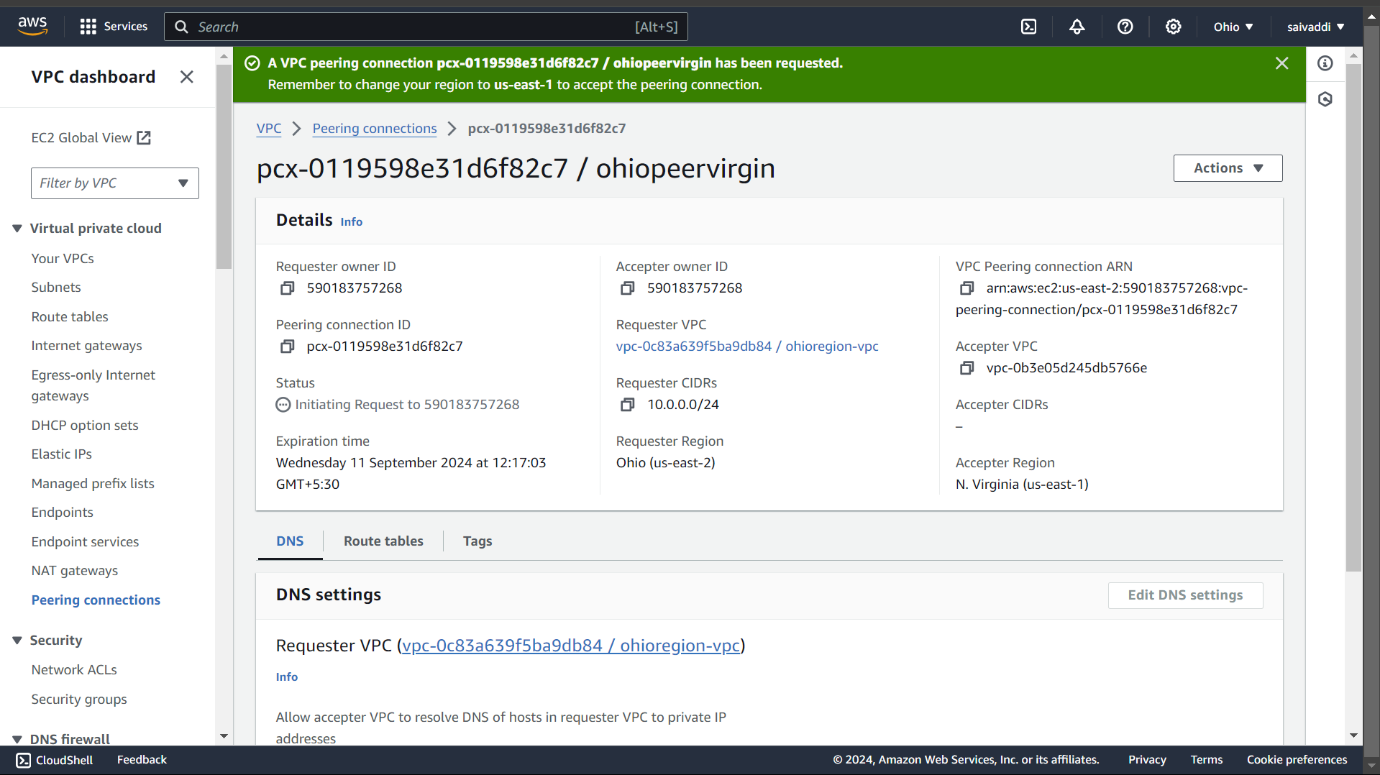
Step 5:

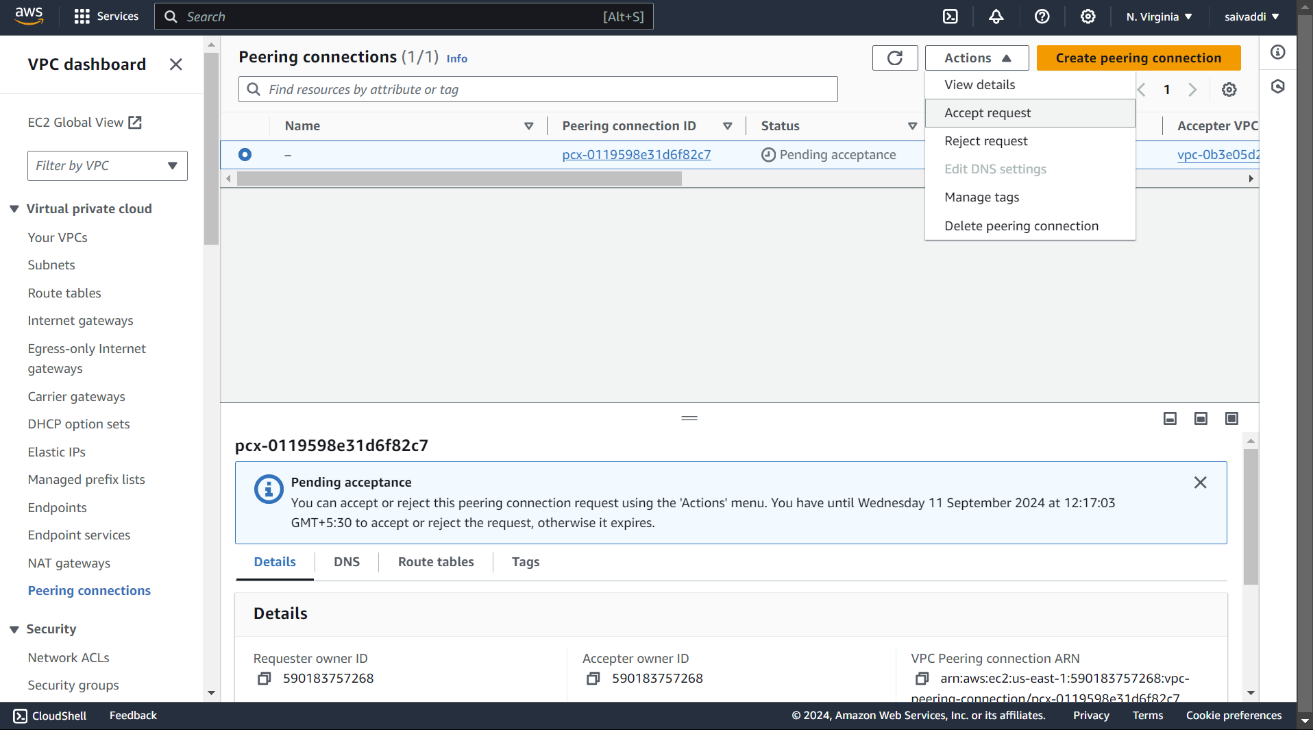
1. Create a peering connection in Ohio Region (VPC -> Peering Connection).



A screenshot of a computer

Description automatically generated

1. After successfully creation of peering connection in Ohio region Request sent to N.Virginia Region.
2. Now Accept the Peering Connection in N.Virginia Region.



Step 6: Associate the peering connection in public route table in both regions.

(VPC -> Route Table -> Edit routes).

A screenshot of a computer

Description automatically generated In Ohio Region,

In N.Viginia Region,

A screenshot of a computer

Description automatically generated

Step 7: Check the Peering Connection is established or not by pasting the ipv4 of ohio region EC2 in N.Virginia Region EC2 (vice-versa).

A screen shot of a computer

Description automatically generatedcommand: curl ipv4

A screen shot of a computer

Description automatically generated