

VPC Peering connection Assignment

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|-------|-----------------------|
| Owner | Sanket Chaudhari |
| Tags | Aws+devops Assignment |

North virginia Region contain-

EC2-Instance - vpc-private-a

- Vpc-public-a

- vpc-private-b

VPC - VPC A

- VPC B

Route Tables - vpc-b-private

- vpc-a-public

- vpc-a-private

Subnets - vpc-a-subnet-b

- vpc-a-subnet-a

- vpc-b-subnet-a

Peering Connection - vpc-a-to-c

The screenshot shows the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', a search bar, and the user's name 'Sanket' in the 'N. Virginia' region. The left-hand navigation pane is expanded to show the 'Instances' section, which includes links for 'Instances', 'Instance Types', 'Launch Templates', 'Spot Requests', 'Savings Plans', 'Reserved Instances', 'Dedicated Hosts', and 'Capacity Reservations'. The main content area is titled 'Instances (3)' and features a table with the following data:

| | Name | Instance ID | Instance state | Instance type | Status check | Alarm status |
|--------------------------|---------------|---------------------|----------------|---------------|-------------------|-----------------------------|
| <input type="checkbox"/> | vpc-private-a | i-0a6f12b4a6949e0d3 | Running | t2.micro | 2/2 checks passed | View alarms |
| <input type="checkbox"/> | vpc-private-b | i-06c79d8032fd4db3e | Running | t2.micro | 2/2 checks passed | View alarms |
| <input type="checkbox"/> | vpc-public-a | i-0899473a119f0ae10 | Running | t2.micro | 2/2 checks passed | View alarms |

Below the table, there is a 'Select an instance' section with a search bar and a list of instance IDs.

Your VPCs (3) Info

Search

| <input type="checkbox"/> | Name | VPC ID | State | IPv4 CIDR | IPv6 CIDR |
|--------------------------|-------|-----------------------|-----------|---------------|-----------|
| <input type="checkbox"/> | VPC A | vpc-07276930f6a9ccb7a | Available | 10.10.0.0/16 | - |
| <input type="checkbox"/> | vpc-b | vpc-06814fde4b544ed79 | Available | 10.20.0.0/16 | - |
| <input type="checkbox"/> | - | vpc-08c3c779f184a7550 | Available | 172.31.0.0/16 | - |

Virtual private cloud

- Your VPCs**
- Subnets
- Route tables
- Internet gateways
- Egress-only internet gateways
- Carrier gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists

N-virginia Vpcs

Route tables (6) Info

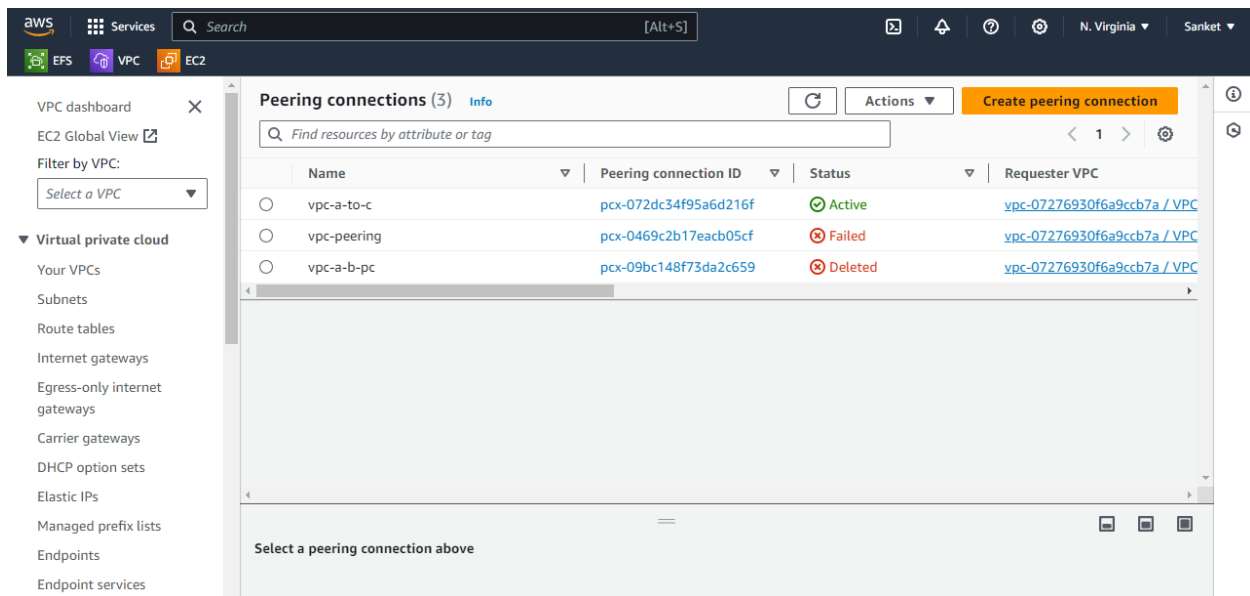
Find resources by attribute or tag

| <input type="checkbox"/> | Name | Route table ID | Explicit subnet associati... | Edge associations | M... |
|--------------------------|---------------|-----------------------|------------------------------|-------------------|------|
| <input type="checkbox"/> | - | rtb-0a9b33b2e428ad48a | - | - | Ye |
| <input type="checkbox"/> | vpc-b-private | rtb-0f175fbbf7ac94f1b | subnet-07237c6b985f8c... | - | Nc |
| <input type="checkbox"/> | vpc-a-public | rtb-0264f6606c9194b22 | subnet-0a0ede693839e6... | - | Nc |
| <input type="checkbox"/> | vpc-a-private | rtb-0e4136a1b501300b7 | subnet-0092a2cf2ad4f78... | - | Nc |
| <input type="checkbox"/> | - | rtb-0729d0397b31d0e76 | - | - | Ye |
| <input type="checkbox"/> | - | rtb-06f969c41db5e9481 | - | - | Ye |

Virtual private cloud

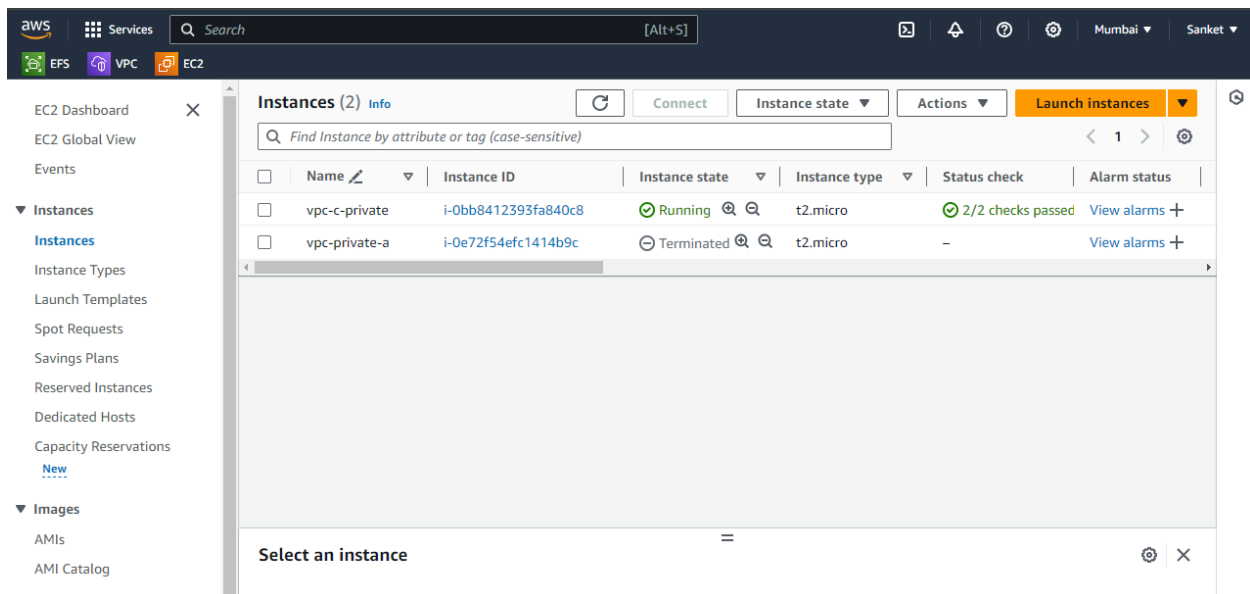
- Your VPCs
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- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints

N-virginia routes table



Peering Connection in North Virginia Region vpc-a-to-c

Mumbai Region Contain-
EC2-Instance- vpc-c-private
VPC - vpc-c-region
Routes table - private-vpc-b



Mumbai Region Instances

VPC dashboard

EC2 Global View

Filter by VPC:

Select a VPC

Virtual private cloud

Your VPCs

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

Your VPCs (1/2)

Search

| Name | VPC ID | State | IPv4 CIDR | IPv6 CIDR |
|--|-----------------------|-----------|---------------|-----------|
| <input checked="" type="checkbox"/> vpc-c-region | vpc-049312e350ea59339 | Available | 10.30.0.0/16 | - |
| <input type="checkbox"/> - | vpc-0b32f74e268e13362 | Available | 172.31.0.0/16 | - |

vpc-049312e350ea59339 / vpc-c-region

Details Resource map CIDRs Flow logs Tags Integrations

Mumbai Region Vpc

Services

Search

[Alt+S]

Mumbai Sanket

VPC dashboard

EC2 Global View

Filter by VPC:

Select a VPC

Virtual private cloud

Your VPCs

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

Security

Network ACLs

Security groups

DNS firewall

Rule groups

Route tables (1/3)

Find resources by attribute or tag

| Name | Route table ID | Explicit subnet associati... | Edge associations | M |
|---|-----------------------|------------------------------|-------------------|----|
| <input type="checkbox"/> - | rtb-0fb6aa1a6896217c3 | - | - | Ye |
| <input checked="" type="checkbox"/> private-vpc-b | rtb-0ca64fb4eac78f390 | subnet-0a4c82defd297cf... | - | Nc |
| <input type="checkbox"/> - | rtb-08bdaa3871d281d8c | - | - | Ye |

rtb-0ca64fb4eac78f390 / private-vpc-b

Details Routes Subnet associations Edge associations Route propagation Tags

Routes (2)

Filter routes

| Destination | Target | Status | Propagated |
|--------------|-----------------------|--------|------------|
| 10.10.0.0/16 | pcx-072dc34f95a6d216f | Active | No |
| 10.30.0.0/16 | local | Active | No |

Mumbai Region Routes tables

Accessing From N.virginia Public machine to Mumbai region private machine

