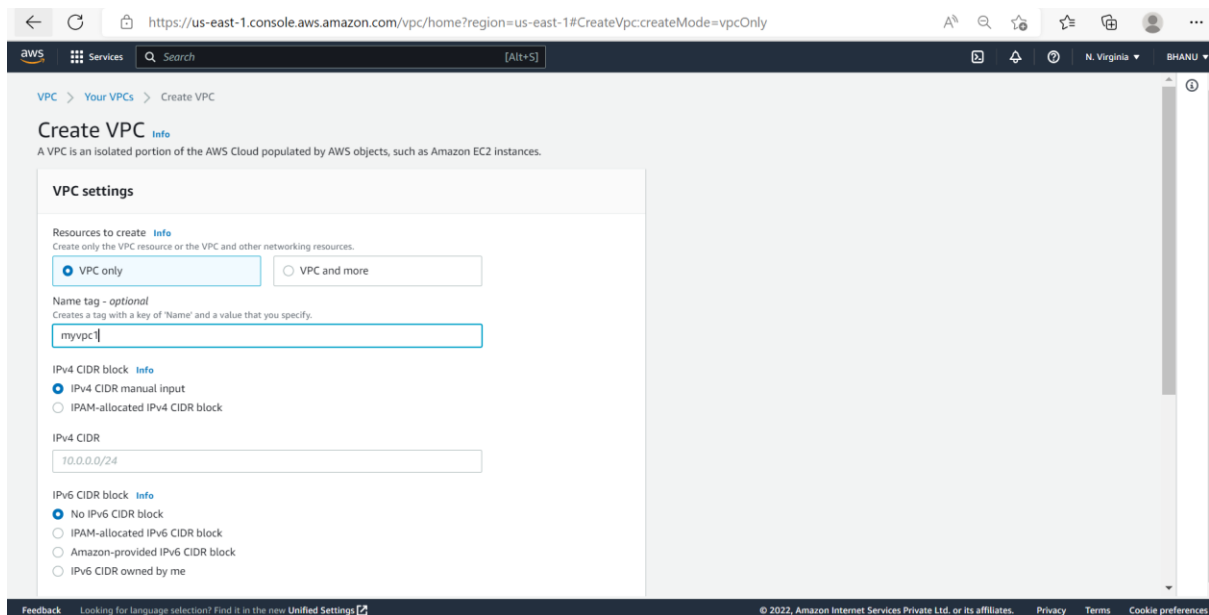
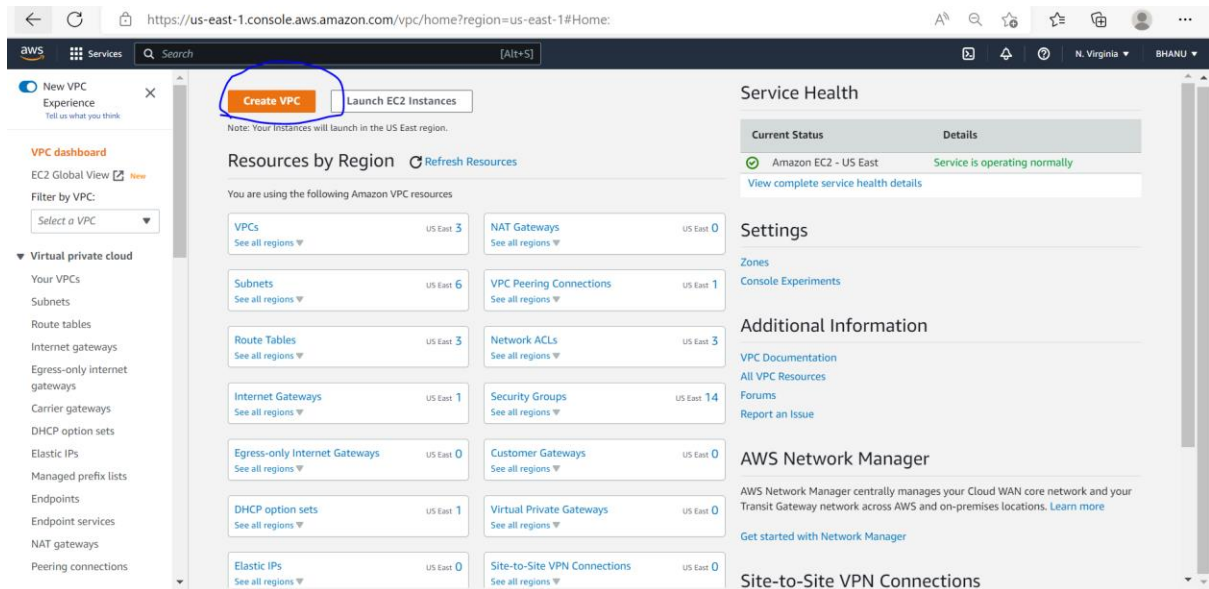


## VPC PEERING:

Open aws management console

Next go to vpc

Click on create vpc



aws Services Search [Alt+S]

IPAM-allocated IPv4 CIDR block

IPv4 CIDR  
10.20.0.0/16

IPv6 CIDR block Info

☒ No IPv6 CIDR block

☐ IPAM-allocated IPv6 CIDR block

☐ Amazon-provided IPv6 CIDR block

☐ IPv6 CIDR owned by me

Tenancy Info

Default

Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key Value - optional

Q Name X Q myvpc1 X Remove

Add new tag

You can add 49 more tags.

Cancel Create VPC

aws Services Search [Alt+S]

New VPC Experience

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

Carrier gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

You successfully created vpc-0b5ef62ed014385f4 / myvpc1

VPC > Your VPCs > vpc-0b5ef62ed014385f4

vpc-0b5ef62ed014385f4 / myvpc1

Actions

Details Info

VPC ID vpc-0b5ef62ed014385f4	State Available	DNS hostnames Disabled	DNS resolution Enabled
Tenancy Default	DHCP option set dopt-003d2a9fac37505fc	Main route table rtb-076f6fa4b66949a2e	Main network ACL acl-0f2cd0ba01de4c9cc
Default VPC No	IPv4 CIDR 10.20.0.0/16	IPv6 pool -	IPv6 CIDR (Network border group) -
Network Address Usage metrics Disabled	Route 53 Resolver DNS Firewall rule groups -	Owner ID 857507987673	

CIDRs Flow logs Tags

## Create another vpc

← ↻ 🔍 https://us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#CreateVpc.createMode=vpcOnly

aws Services Search [Alt+S]

VPC > Your VPCs > Create VPC

Create VPC Info

A VPC is an isolated portion of the AWS Cloud populated by AWS objects, such as Amazon EC2 instances.

VPC settings

Resources to create Info

Create only the VPC resource or the VPC and other networking resources.

☒ VPC only ☐ VPC and more

Name tag - optional

Creates a tag with a key of 'Name' and a value that you specify.

myvpc2

IPv4 CIDR block Info

☒ IPv4 CIDR manual input

☐ IPAM-allocated IPv4 CIDR block

IPv4 CIDR

10.30.0.0/16

IPv6 CIDR block Info

☒ No IPv6 CIDR block

☐ IPAM-allocated IPv6 CIDR block

☐ Amazon-provided IPv6 CIDR block

☐ IPv6 CIDR owned by me

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11:44

aws Services Search [Alt+S]

IPV4 CIDR block import

☐ IPAM-allocated IPv4 CIDR block

IPv4 CIDR  
10.30.0.0/16

IPv6 CIDR block [Info](#)

☒ No IPv6 CIDR block

☐ IPAM-allocated IPv6 CIDR block

☐ Amazon-provided IPv6 CIDR block

☐ IPv6 CIDR owned by me

Tenancy [Info](#)

Default

**Tags**

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key Value - optional

Q Name X Q myvpc2 X Remove

Add new tag

You can add 49 more tags.

Cancel Create VPC

Click on peering connections

aws Services Search [Alt+S]

New VPC Experience Tell us what you think

VPC dashboard EC2 Global View [New](#)

Filter by VPC: Select a VPC

Virtual private cloud

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Endpoint services

NAT gateways

Create VPC Launch EC2 Instances

Note: Your Instances will launch in the US East region.

Resources by Region [Refresh Resources](#)

You are using the following Amazon VPC resources

Resource	US East
VPCs	5
Subnets	6
Route Tables	5
Internet Gateways	1
Egress-only Internet Gateways	0
DHCP option sets	1
NAT Gateways	0
VPC Peering Connections	1
Network ACLs	5
Security Groups	16
Customer Gateways	0
Virtual Private Gateways	0

Service Health

Current Status	Details
Amazon EC2 - US East	Service is operating normally

[View complete service health details](#)

Settings

Zones

Console Experiments

Additional Information

[VPC Documentation](#)

[All VPC Resources](#)

[Forums](#)

[Report an Issue](#)

AWS Network Manager

AWS Network Manager centrally manages your Cloud WAN core network and your Transit Gateway network across AWS and on-premises locations. [Learn more](#)

[Get started with Network Manager](#)

aws Services Search [Alt+S]

New VPC Experience Tell us what you think

VPC dashboard EC2 Global View [New](#)

Filter by VPC: Select a VPC

Virtual private cloud

Your VPCs

Subnets

Route tables

Internet gateways

Egress-only internet gateways

Carrier gateways

Peering connections (1) [Info](#)

Filter peering connections

Actions Create peering connection

Name	Peering connection ID	Status	Requester VPC	Accepter VPC	Requester CIDRs	Accepter CIDRs
peering1	pcx-01aa1a34a1fbc1c3	Active	vpc-033e85f9d3d17ca4c / vpc1	vpc-0bc6ffe2de7484c4a / vpc2	10.1.0.0/16	

Select a peering connection above

aws Services Search [Alt+S] N. Virginia BHANU

VPC > Peering connections > Create peering connection

## Create peering connection

A VPC peering connection is a networking connection between two VPCs that enables you to route traffic between them privately. [Info](#)

### Peering connection settings

**Name - optional**  
Create a tag with a key of 'Name' and a value that you specify.

peering2

**Select a local VPC to peer with**  
VPC ID (Requester)

vpc-0b5ef62ed014385f4 (myvpc1)

VPC CIDRs for vpc-0b5ef62ed014385f4 (myvpc1)

CIDR	Status	Status reason
10.20.0.0/16	Associated	-

**Select another VPC to peer with**

Account

☒ My account

☐ Another account

aws Services Search [Alt+S] N. Virginia BHANU

☒ My account

☐ Another account

**Region**

☒ This Region (us-east-1)

☐ Another Region

**VPC ID (Acceptor)**

vpc-0d3015bd1d3b8ac78 (myvpc2)

VPC CIDRs for vpc-0d3015bd1d3b8ac78 (myvpc2)

CIDR	Status	Status reason
10.30.0.0/16	Associated	-

### Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

**Key**

Name

**Value - optional**

peering2

Remove

Add new tag

You can add 49 more tags.

Cancel Create peering connection

## Accept request

aws Services Search [Alt+S] N. Virginia BHANU

New VPC Experience Tell us what you think

VPC dashboard EC2 Global View [New](#)

Filter by VPC: Select a VPC

Virtual private cloud

Your VPCs

Subnets

Route tables

Internet gateways

Egress-only internet gateways

Carrier gateways

DHCP option sets

### Peering connections (1/2) Info

Filter peering connections

Name	Peering connection ID	Status	Requester VPC	Acceptor VPC	Requester CIDRs	Acceptor CIDRs
peering2	pcx-08f3c91775d5e7204	Pending acceptance	vpc-0b5ef62ed014385f4 / my...	vpc-0d3015bd1d3b8ac78 / m...	10.20.0.0/16	-
peering1	pcx-01aa1a34a1feb1c13	Active	vpc-033e85f9d3d17ca4c / vpc1	vpc-0b5ef62ed014385f4 / my...	10.1.0.0/16	10.30.0.0/16

pcx-08f3c91775d5e7204 / peering2

Pending acceptance

You can accept or reject this peering connection request using the 'Actions' menu. You have until Wednesday, November 9, 2022 at 11:48:45 CMT+5:30 to accept or reject this request.

Actions

- View details
- Accept request
- Reject request
- Edit DNS settings
- Edit ClassicLink settings
- Manage tags
- Delete peering connection

aws Services Search [Alt+S] N. Virginia BHANU

New VPC Experience Tell us what you think

VPC dashboard EC2 Global View [New](#)

Filter by VPC: Select a VPC

You have successfully deleted peering connection pcx-01aa1a34a1feb1c13.

### Peering connections (2) Info

Filter peering connections

Name	Peering connection ID	Status	Requester VPC	Acceptor VPC	Requester CIDRs	Acceptor CIDRs
peering2	pcx-08f3c91775d5e7204	Active	vpc-0b5ef62ed014385f4 / my...	vpc-0d3015bd1d3b8ac78 / m...	10.20.0.0/16	10.30.0.0/16

## Select route table

**Route tables (1/5)**

Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC	Owner...
✓ -	rtb-076f6fa4b66949a2e	-	-	Yes	vpc-0b5ef62ed014385f4   my...	8575079...
□ -	rtb-0b629b78645db5df7	-	-	Yes	vpc-0bc6ffe2de7484c4a   vpc2	8575079...
□ -	rtb-0b8905b086cb1fe5e	-	-	Yes	vpc-033e85f9d3d17ca4c   vpc1	8575079...
□ -	rtb-07cd7551ee23a783c	-	-	Yes	vpc-0d3015bd1d3b8ac78   my...	8575079...
□ -	rtb-0cf18392f53620e17	-	-	Yes	vpc-0dfb51fd27c01e7cd	8575079...

**rtb-076f6fa4b66949a2e**

**Details**

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

**Routes (1)**

Destination	Target	Status	Propagated
10.20.0.0/16	local	Active	No

**Edit routes**

Destination	Target	Status	Propagated
10.20.0.0/16	local	Active	No
10.30.0.0/16	pcx-08f3c91775d5e7204	-	No

Add route

Cancel Preview Save changes

Go to myvpc2 route table and edit

**Edit routes**

Destination	Target	Status	Propagated
10.30.0.0/16	local	Active	No
10.20.0.0/16	pcx-08f3c91775d5e7204	-	No

Add route

Cancel Preview Save changes

aws Services Search [Alt+5] N. Virginia

New VPC Experience

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

Carrier gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

VPC > Peering connections > pcx-08f3c91775d5e7204

### pcx-08f3c91775d5e7204 / peering2

Actions

Details Info

Requester owner ID 857507987673	Accepter owner ID 857507987673	VPC Peering connection ARN arn:aws:ec2:us-east-1:857507987673:vpc-peering-connection/pcx-08f3c91775d5e7204
Peering connection ID pcx-08f3c91775d5e7204	Requester VPC vpc-0b5ef62ed014385f4 / myvpc1	Accepter VPC vpc-0d3015bd1d3b8ac78 / myvpc2
Status Active	Requester CIDRs 10.20.0.0/16	Accepter CIDRs 10.30.0.0/16
Expiration time -	Requester Region N. Virginia (us-east-1)	Accepter Region N. Virginia (us-east-1)

ClassicLink DNS Route tables Tags

ClassicLink settings Edit ClassicLink settings

now the peering connection is established