

1) Create one VPC ,with 1 one public subnet and 1 private subnet.

Your VPCs (1/2) Info

Last updated 1 minute ago [Actions](#) [Create VPC](#)

Find VPCs by attribute or tag

Name	VPC ID	State	Block Public...	IPv4 CIDR
<input checked="" type="checkbox"/> my-vpc	vpc-0f3ff599e3d5269fb	Available	Off	191.168.0.0/24

VPC [Show details](#)
Your AWS virtual network

my-vpc

Subnets (2)
Subnets within this VPC

us-east-1a

- [my-publicsubnet](#)

us-east-1b

- [my-privatesubnet](#)

Route tables (3)
Route network traffic to resources

- [private-route](#)
- [rtb-0a59d818b60c0665a](#)
- [public-route](#)

2) Enable VPC peering for cross region.

pcx-04351af3f96a6f718

pcx-04351af3f96a6f718 / my-connection1 [Actions](#)

Details Info

Requester owner ID
[866018956544](#)

Peering connection ID
[pcx-04351af3f96a6f718](#)

Status
Initiating Request to 866018956544

Expiration time
Thursday, June 19, 2025 at 17:31:14 GMT+5:30

Accepter owner ID
[866018956544](#)

Requester VPC
[vpc-0dd897f88daa2c17d / my-vpcnorth](#)

Requester CIDRs
[191.168.0.0/24](#)

Requester Region
N. Virginia (us-east-1)

VPC Peering connection ARN
[arn:aws:ec2:us-east-1:866018956544:vpc-peering-connection/pcx-04351af3f96a6f718](#)

Accepter VPC
[vpc-04e25472c7502524d](#)

Accepter CIDRs
-

Accepter Region
Ohio (us-east-2)

DNS | Route tables | Tags

DNS settings [Edit DNS settings](#)

Requester VPC ([vpc-0dd897f88daa2c17d / my-vpcnorth](#))

pcx-04351af3f96a6f718

pcx-04351af3f96a6f718 Actions

Details Info

Requester owner ID 866018956544	Accepter owner ID 866018956544	VPC Peering connection ARN arn:aws:ec2:us-east-2:866018956544:vpc-peering-connection/pcx-04351af3f96a6f718
Peering connection ID pcx-04351af3f96a6f718	Requester VPC vpc-0dd897f88daa2c17d	Accepter VPC vpc-04e25472c7502524d / my-vpcohio
Status Active	Requester CIDRs 191.168.0.0/24	Accepter CIDRs 172.108.0.0/26
Expiration time -	Requester Region N. Virginia (us-east-1)	Accepter Region Ohio (us-east-2)

DNS | Route tables | Tags

3) Enable VPC peering for cross account. (You can collaborate with your friend and do this task).

VPC > Peering connections

Filter by VPC

Virtual private cloud

- Your VPCs
- Subnets
- Route tables
- Internet gateways
- Egress-only internet gateways
- Carrier gateways
- DHCP option sets

Peering connections (1) Info

Find peering connections by attribute or tag

Name	Peering connection ID	Status	Requester VPC	Accepter VPC
my-pc01	pcx-0868e7b7c2cb16f4e	Pending acceptance	vpc-094bc96058326e6e0 / def...	vpc-0979f...

Select a peering connection above

Details

Requester owner ID 866018956544	Accepter owner ID 542726314165	VPC Peering connection ARN arn:aws:ec2:us-east-1:866018956544:vpc-peering-connection/pcx-0868e7b7c2cb16f4e
Peering connection ID pcx-0868e7b7c2cb16f4e	Requester VPC vpc-094bc96058326e6e0 / default	Accepter VPC vpc-0979fae6162b15bde
Status Active	Requester CIDRs 172.31.0.0/16	Accepter CIDRs 128.0.0.0/16
Expiration time -	Requester Region N. Virginia (us-east-1)	Accepter Region N. Virginia (us-east-1)

4) Setup VPC Transit gateway.

Your VPCs (1/5) Info

Last updated 30 minutes ago

Actions

Create VPC

Find VPCs by attribute or tag

Name

VPC ID

State

Block Public...

IPv4 CIDR

☐

vpc3

vpc-05e5f8635115e6589

Available

Off

10.0.2.0/24

☒

vpc1

vpc-02082fd6f1d3da56d

Available

Off

10.0.0.0/24

☐

vpc2

vpc-07320b4d4f4637e9f

Available

Off

10.0.1.0/24

☐

vpc4

vpc-0e4bd9d2403c3b82d

Available

Off

10.0.3.0/24

Subnets (1)
Subnets within this VPC

us-east-1a
subnet1

Route tables (2)
Route network traffic to resources

route1
rtb-0dad30eb27f14242d

Network connections (1)
Connections to other networks

igw

Subnets (1/10) Info

Last updated 41 minutes ago

Actions

Create subnet

Find subnets by attribute or tag

Name

Subnet ID

State

VPC

Block Pub

☐

subnet3

subnet-0786a66d34550329b

Available

vpc-05e5f8635115e6589 | vpc3

Off

☐

-

subnet-031315fc5f721b2d1

Available

vpc-094bc96058326e6e0

Off

☐

subnet2

subnet-07e6ae252fe264d96

Available

vpc-07320b4d4f4637e9f | vpc2

Off

☐

-

subnet-062140862a3f8ced2

Available

vpc-094bc96058326e6e0

Off

☒

subnet1

subnet-0662a1cddafdf6262

Available

vpc-02082fd6f1d3da56d | vpc1

Off

☐

subnet4

subnet-093542cee979f338d

Available

vpc-0e4bd9d2403c3b82d | vpc4

Off

10.0.0.0/24
10.0.1.0/24
10.0.2.0/24
10.0.3.0/24

local
tgw-0c2df00c494a40e64
tgw-0c2df00c494a40e64
tgw-0c2df00c494a40e64

Route tables (1/9) Info

Last updated 28 minutes ago

Actions

Create route table

Find route tables by attribute or tag

Name

Route table ID

Explicit subnet associ...

Edge associations

Main

Vf

☒

route1

rtb-0d2c808f54c54a8b5

subnet-0662a1cddafdf62...

-

No

vp

☐

-

rtb-0eab82f027e84b8e0

-

-

Yes

vp

☐

route2

rtb-0f7bfde0c593b5116

subnet-07e6ae252fe264...

-

No

vp

Filter routes

Destination

Target

Status

Propagated

0.0.0.0/0

igw-079fd7b178e2df807

Active

No

10.0.0.0/24

local

Active

No

10.0.1.0/24

tgw-0c2df00c494a40e64

Active

No

10.0.2.0/24

tgw-0c2df00c494a40e64

Active

No

10.0.3.0/24

tgw-0c2df00c494a40e64

Active

No

Instances (2) Info

Last updated 6 minutes ago

Connect

Instance state

Actions

Launch instances

Find Instance by attribute or tag (case-sensitive)

All states

< 1 >

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
<input type="checkbox"/>	instance2	i-0aad870d8856e2ff0	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b
<input type="checkbox"/>	instance1	i-034aba963ad11d375	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1a

Select an instance

Your VPCs (1/1) Info

Last updated 6 minutes ago

Actions

Create VPC

Find VPCs by attribute or tag

< 1 >

<input checked="" type="checkbox"/>	Name	VPC ID	State	Block Public...	IPv4 CIDR	IF
<input checked="" type="checkbox"/>	default	vpc-094bc96058326e6e0	Available	Off	172.31.0.0/16	-



