

## Peering Connection Home

Peering connections (2) <a href="#">Info</a>									
<input type="text" value="Filter peering connections"/>									
	Name ▾	Peering connection ID ▾	Status ▾	Requester VPC	Acceptor VPC	Requester CIDRs	Acceptor CIDRs	Requester owner ID ▾	Acceptor owner ID ▾
<input type="radio"/>	-	pcx-0097be4c01f4acce	Active	vpc-058da4e261ea01687	vpc-0537baf72f80d5930 / Te...	10.15.24.0/22	10.15.32.0/22	949263681218	949263681218
<input type="radio"/>	team-b-pcx	pcx-013f582b73103561c	Active	vpc-0129bda0428def1cf / Tea...	vpc-058da4e261ea01687	10.15.16.0/22	10.15.24.0/22	949263681218	949263681218

Create a peering connection as below:

Select the VPCS ( our vpc i.e team-d vpc and another vpc i.e. team-e vpc) as below:

### 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.

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

VPC CIDRs for vpc-0537baf72f80d5930 (Team-D-VPC)

CIDR	Status	Status reason
10.15.32.0/22	Associated	-

**Select another VPC to peer with**  
Account  
☒ My account  
☐ Another account  
Region  
☐ This Region (us-east-2)  
☒ Another Region

VPC ID (Acceptor)

#### 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

Remove

Add new tag

Peering connections (1/3) info									
<input type="text" value="Filter peering connections"/>									
Name	Peering connection ID	Status	Requester VPC	Accepter VPC	Requester CID...	Accepter CIDRs	Requester owner ID	Accepter owner ID	
team-b-pcx	pcx-013f582b79103561c	Active	vpc-0129d6d043def1cf / Tea...	vpc-058da4e261ea01687	10.15.16.0/22	10.15.24.0/22	949263681218	949263681218	
-	pcx-0097be4a01f4face	Active	vpc-058da4e261ea01687	vpc-0537ba72f80d5930 / Te...	10.15.24.0/22	10.15.32.0/22	949263681218	949263681218	
Team-D-VPC-P...	pcx-0297921e74dd912db	Pending acceptance	vpc-0537ba72f80d5930 / Te...	vpc-04fc929ff078a5e6	10.15.32.0/22	-	949263681218	949263681218	

**Peering connections (1/4)** [Info](#)

Filter peering connections

Name	Peering connection ID	Status	Requester VPC	Accepter VPC	Requester CIDRs
peering-vpc-CD	pcx-0097be4c01f4facce	Active	vpc-058da4e261ea01687 / int...	vpc-0537baf72f80d5930	10.15.24.0/22
team-b-pcx-to-c	pcx-013f582b73103561c	Active	vpc-0129bda0428def1cf	vpc-058da4e261ea01687 / int...	10.15.16.0/22
-	pcx-0297921e74dd912db	Pending acceptance	vpc-0537baf72f80d5930	vpc-04cf929ff078a5e6 / tea...	10.15.32.0/22
intern-tutor-2-...	pcx-01790250abfbbd071	Active	vpc-089b23e40aa28a89f / int...	vpc-00f8984b2df206c70	10.15.128.0/24

**pcx-0297921e74dd912db**

**Pending acceptance**  
You can accept or reject this peering connection request using the 'Actions' menu. You have until Tuesday, December 14, 2021, 15:25:01 GMT+5:45 to accept or reject the request, otherwise it expires.

**Accept the peering connection from team-e side :**

**Peering connections (1/4)** [Info](#)

Filter peering connections

Name	Peering connection ID	Status	Requester VPC	Accepter VPC	Requester CIDRs
peering-vpc-CD	pcx-0097be4c01f4facce	Active	vpc-058da4e261ea01687 / int...	vpc-0537baf72f80d5930	10.15.24.0/22
team-b-pcx-to-c	pcx-013f582b73103561c	Active	vpc-0129bda0428def1cf	vpc-058da4e261ea01687 / int...	10.15.16.0/22
-	pcx-0297921e74dd912db	Pending acceptance	vpc-0537baf72f80d5930	vpc-04cf929ff078a5e6 / tea...	10.15.32.0/22
intern-tutor-2-...	pcx-01790250abfbbd071	Active	vpc-089b23e40aa28a89f / int...	vpc-00f8984b2df206c70	10.15.128.0/24

**pcx-0297921e74dd912db**

**Pending acceptance**  
You can accept or reject this peering connection request using the 'Actions' menu. You have until Tuesday, December 14, 2021, 15:25:01 GMT+5:45 to accept or reject the request, otherwise it expires.

**Accept VPC peering connection request** [Info](#)

Are you sure you want to accept this VPC peering connection request? (pcx-0297921e74dd912db)

Requester VPC vpc-0537baf72f80d5930	Accepter VPC vpc-04cf929ff078a5e6 / team-5-vpc	Requester CIDRs 10.15.32.0/22
Requester CIDRs -	Requester Region Ohio (us-east-2)	Accepter Region N. Virginia (us-east-1)
Requester owner ID 949263681218 (This account)	Accepter owner ID 949263681218 (This account)	

Cancel Accept request

Your VPC peering connection (pcx-0297921e74dd912db) has been established.

To send and receive traffic across this VPC peering connection, you must add a route to the peered VPC in one or more of your VPC route tables.

Info

Modify my route tables now

Peering connections (4)

Info

Actions

Create peering connection

Filter peering connections

< 1 >

	Name	Peering connection ID	Status	Requester VPC	Accepter VPC	Requester CIDRs	Accepter CIDRs	Requester owner ID	Accepter owner ID
<input type="radio"/>	team-b-pcx-to-c	pcx-013f582b73103561c	Active	vpc-0129bda0428def1cf	vpc-058da4e261ea01687 / Int...	10.15.16.0/22	10.15.24.0/22	949263681218	949263681218
<input type="radio"/>	peering-vpc-CD	pcx-0097be4c01f4facce	Active	vpc-058da4e261ea01687 / Int...	vpc-0537baf72f80d5930	10.15.24.0/22	10.15.32.0/22	949263681218	949263681218
<input type="radio"/>	-	pcx-0297921e74dd912db	Active	vpc-0537baf72f80d5930	vpc-04cf929ff078a5e6 / tea...	10.15.32.0/22	10.15.40.0/22	949263681218	949263681218
<input type="radio"/>	intern-tutor-2-...	pcx-01790250abfbdb071	Active	vpc-089b23e40aa28a89f / Int...	vpc-00f8984b2df206c70	10.15.128.0/24	172.31.0.0/16	949263681218	949263681218

We can now see the active status of our connection of team-d:

Peering connections (5)

Info

Actions

Create peering connection

Filter peering connections

< 1 >

	Name	Peering connection ID	Status	Requester VPC	Accepter VPC	Requester CID...	Accepter CIDRs	Requester owner ID	Accepter owner ID
<input type="radio"/>	team-b-pcx	pcx-013f582b73103561c	Active	vpc-0129bda0428def1cf / Tea...	vpc-058da4e261ea01687	10.15.16.0/22	10.15.24.0/22	949263681218	949263681218
<input type="radio"/>	-	pcx-0097be4c01f4facce	Active	vpc-058da4e261ea01687	vpc-0537baf72f80d5930 / Te...	10.15.24.0/22	10.15.32.0/22	949263681218	949263681218
<input type="radio"/>	Team-D-VPC-P...	pcx-0297921e74dd912db	Active	vpc-0537baf72f80d5930 / Te...	vpc-04cf929ff078a5e6	10.15.32.0/22	10.15.40.0/22	949263681218	949263681218

Peering Details:

pcx-0297921e74dd912db / Team-D-VPC-Peering

Details

DNS

Route tables

Tags

Details

Requester owner ID

949263681218

Requester VPC

vpc-0537baf72f80d5930 / Team-D-VPC

Requester CIDRs

10.15.32.0/22

Requester Region

Ohio (us-east-2)

Accepter owner ID

949263681218

Accepter VPC

vpc-04cf929ff078a5e6

Accepter CIDRs

10.15.40.0/22

Accepter Region

N. Virginia (us-east-1)

Peering connection ID

pcx-0297921e74dd912db

Status

Active

Expiration time

-

Manage the route for peering connection :

Edit routes

Destination	Target	Status	Propagated
pl-7ba54012	vpc-053438f7b12054ea6	Active	No
10.15.32.0/22	local	Active	No
10.15.24.0/22	pcx-0097be4c01f4facce	Active	No
0.0.0.0/0	nat-0d9875d702c83b8f9	Active	No
10.15.40.0/22	pcx-0297921e74dd912db	-	No

Add route

Cancel

Preview

Save changes

## Team-e route table :

Route tables (1/3) Info

Filter route tables

search: team-5 X Clear filters

	Name	Route table ID	Explicit subnet associ...	Edge associations	Main	VPC	Owner ID
<input type="checkbox"/>	team-5-pub-route-...	rtb-021fdd47bafd23ec5	3 subnets	-	No	vpc-04cfc929ff078a5e6   tea...	949263681218
<input type="checkbox"/>	team-5-pvt-route-t...	rtb-03b23171ff778b2c7	3 subnets	-	No	vpc-04cfc929ff078a5e6   tea...	949263681218
<input checked="" type="checkbox"/>	-	rtb-094f3c0ef7be30760	-	-	Yes	vpc-04cfc929ff078a5e6   tea...	949263681218

rtb-094f3c0ef7be30760

Details Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Filter routes Both

Destination	Target	Status	Propagated
10.15.40.0/22	local	Active	No

## And add the route in team-e route table as below:

VPC > Route tables > rtb-094f3c0ef7be30760 > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.15.40.0/22	local	Active	No
10.15.32.0/22	pcx-0297921e74dd912db	-	No

Add route

Cancel Preview Save changes

## Finally we can see the successful peering connection as :

Updated routes for rtb-094f3c0ef7be30760 successfully

VPC > Route tables > rtb-094f3c0ef7be30760

rtb-094f3c0ef7be30760

You can now check network connectivity with Reachability Analyzer Run Reachability Analyzer

Details Info

Route table ID rtb-094f3c0ef7be30760	Main Yes	Explicit subnet associations -	Edge associations -
VPC vpc-04cfc929ff078a5e6   team-5-vpc	Owner ID 949263681218		

Routes (2)

Filter routes Both

Destination	Target	Status	Propagated
10.15.32.0/22	pcx-0297921e74dd912db	Active	No
10.15.40.0/22	local	Active	No