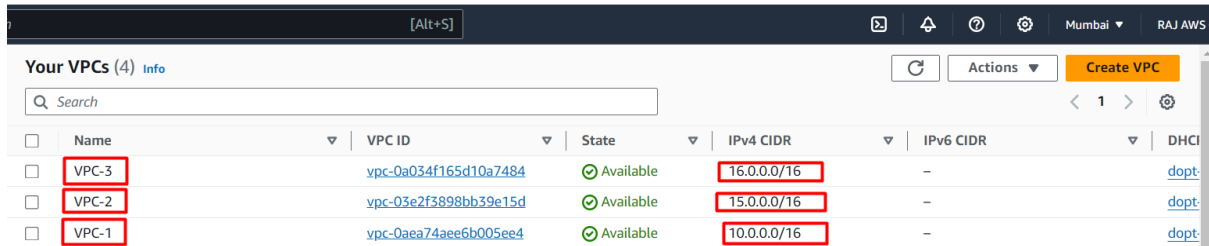


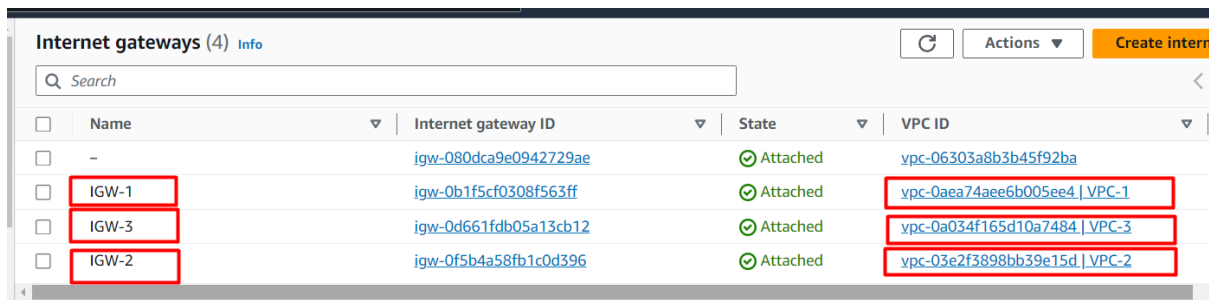
TRANSIT GATEWAY (CONNECTING THREE VPC IN A SINGLE REGION)

STEP 1: Create three VPC with different CIDR



<input type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP
<input type="checkbox"/>	VPC-3	vpc-0a034f165d10a7484	Available	16.0.0.0/16	-	dopt-
<input type="checkbox"/>	VPC-2	vpc-03e2f3898bb39e15d	Available	15.0.0.0/16	-	dopt-
<input type="checkbox"/>	VPC-1	vpc-0aea74aee6b005ee4	Available	10.0.0.0/16	-	dopt-

STEP 2 : Create a Internet gateway for each VPC



<input type="checkbox"/>	Name	Internet gateway ID	State	VPC ID
<input type="checkbox"/>	-	igw-080dca9e0942729ae	Attached	vpc-06303a8b3b45f92ba
<input type="checkbox"/>	IGW-1	igw-0b1f5cf0308f563ff	Attached	vpc-0aea74aee6b005ee4 VPC-1
<input type="checkbox"/>	IGW-3	igw-0d661fdb05a13cb12	Attached	vpc-0a034f165d10a7484 VPC-3
<input type="checkbox"/>	IGW-2	igw-0f5b4a58fb1c0d396	Attached	vpc-03e2f3898bb39e15d VPC-2

- And attach each IGW to its VPC

STEP 3 : Create a Two subnet for Each VPC

- Here we have created two subnets for each VPC

FOR VPC-1

It have two subnet

- VPC-1 SUBNET A
- VPC-1 SUBNET B

FOR VPC-2

It have two subnet

- VPC-2 SUBNET A
- VPC-2 SUBNET B

FOR VPC-3

It have two subnet

- VPC-3 SUBNET A
- VPC-3 SUBNET B

<input type="checkbox"/>	Name ▼	Subnet ID ▼	State ▼	VPC ▼
<input type="checkbox"/>	VPC-3 SUBNET A	subnet-039cefe224bb6a892	✓ Available	vpc-0a034f165d10a7484 VPC-3
<input type="checkbox"/>	VPC-3 SUBNET - B	subnet-0e93435fbc4248159	✓ Available	vpc-0a034f165d10a7484 VPC-3
<input type="checkbox"/>	VPC-2 SUBNET - B	subnet-0a8e252602e102a4d	✓ Available	vpc-03e2f3898bb39e15d VPC-2
<input type="checkbox"/>	VPC-2 SUBNET - A	subnet-06a8774f694ed4059	✓ Available	vpc-03e2f3898bb39e15d VPC-2
<input type="checkbox"/>	VPC-1 SUBNET - B	subnet-0320350a18ac3bd80	✓ Available	vpc-0aea74aee6b005ee4 VPC-1
<input type="checkbox"/>	VPC-1 SUBNET - A	subnet-02b8f791af4b01277	✓ Available	vpc-0aea74aee6b005ee4 VPC-1

STEP 4 : Create a Route Table for each VPC

- Here we have created Route table for each VPC

Route tables (7) Info					Refresh	Actions
<input type="text" value="Find resources by attribute or tag"/>						
<input type="checkbox"/>	Name ▼	Route table ID ▼	Explicit subnet associ... ▼	Edge associations ▼		
<input type="checkbox"/>	VPC-3 ROUTE TABLE	rtb-0b3eb972288a9b92d	2 subnets	–		
<input type="checkbox"/>	VPC-2 ROUTE TABLE	rtb-0c2f2c12c4eead026	2 subnets	–		
<input type="checkbox"/>	VPC-1 ROUTE TABLE	rtb-0e6ab4d4945026d07	2 subnets	–		

STEP 5 : Associate Subnet To its ROUTE TABLES

- And associated Subnet to its Route Table of VPC

For VPC -1 : VPC-1 ROUTE TABLE

rtb-0e6ab4d4945026d07 / **VPC-1 ROUTE TABLE** Actions ▾

Details [Info](#)

Route table ID rtb-0e6ab4d4945026d07	Main No	Explicit subnet associations 2 subnets	Edge associations -
VPC vpc-0aea74aee6b005ee4 VPC-1	Owner ID 211125722329		

[Routes](#) **[Subnet associations](#)** [Edge associations](#) [Route propagation](#) [Tags](#)

Explicit subnet associations (2) Edit subnet associations

Name ▾	Subnet ID ▾	IPv4 CIDR ▾	IPv6 CIDR ▾
VPC-1 SUBNET - B	subnet-0320350a18ac3bd80	10.0.1.0/24	-
VPC-1 SUBNET - A	subnet-02b8f791af4b01277	10.0.0.0/24	-

For VPC -2 : VPC-2 ROUTE TABLE

rtb-0c2f2c12c4eead026 / **VPC-2 ROUTE TABLE** Actions ▾

Details [Info](#)

Route table ID rtb-0c2f2c12c4eead026	Main No	Explicit subnet associations 2 subnets	Edge associations -
VPC vpc-03e2f3898bb39e15d VPC-2	Owner ID 211125722329		

[Routes](#) **[Subnet associations](#)** [Edge associations](#) [Route propagation](#) [Tags](#)

Explicit subnet associations (2) Edit subnet associations

Name ▾	Subnet ID ▾	IPv4 CIDR ▾	IPv6 CIDR ▾
VPC-2 SUBNET - A	subnet-06a8774f694ed4059	15.0.0.0/24	-
VPC-2 SUBNET - B	subnet-0a8e252602e102a4d	15.0.1.0/24	-

For VPC -3 : VPC-3 ROUTE TABLE

rtb-0b3eb972288a9b92d / **VPC-3 ROUTE TABLE** Actions ▾

Details [Info](#)

Route table ID rtb-0b3eb972288a9b92d	Main No	Explicit subnet associations 2 subnets	Edge associations -
VPC vpc-0a034f165d10a7484 VPC-3	Owner ID 211125722329		

[Routes](#) **[Subnet associations](#)** [Edge associations](#) [Route propagation](#) [Tags](#)

Explicit subnet associations (2) Edit subnet associations

Name ▾	Subnet ID ▾	IPv4 CIDR ▾	IPv6 CIDR ▾
VPC-3 SUBNET A	subnet-039cfe224bb6a892	16.0.0.0/24	-
VPC-3 SUBNET - B	subnet-0e93435fbc4248159	16.0.1.0/24	-

STEP 6 : Edit Route for Each Route Table

Here we will edit the Routes and Add IGW to the Route Table

For VPC -1 ROUTE TABLE

rtb-0b3eb972288a9b92d / **VPC-3 ROUTE TABLE**

Details [Info](#)

Route table ID rtb-0b3eb972288a9b92d	Main No	Explicit subnet associations 2 subnets	Edge associations -
VPC vpc-0a034f165d10a7484 VPC-3	Owner ID 211125722329		

Routes | Subnet associations | Edge associations | Route propagation | Tags

Routes (2)

Filter routes

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0d661fdb05a13cb12	Active	No
16.0.0.0/16	local	Active	No

For VPC -2 ROUTE TABLE

rtb-0c2f2c12c4eead026 / VPC-2 ROUTE TABLE

Details [Info](#)

Route table ID rtb-0c2f2c12c4eead026	Main No	Explicit subnet associations 2 subnets	Edge associations -
VPC vpc-03e2f3898bb39e15d VPC-2	Owner ID 211125722329		

Routes | Subnet associations | Edge associations | Route propagation | Tags

Routes (2)

Filter routes

Both **Edit routes**

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0f5b4a58fb1c0d396	Active	No
15.0.0.0/16	local	Active	No

For VPC -3 ROUTE TABLE

rtb-0e6ab4d4945026d07 / **VPC-1 ROUTE TABLE**

Details [Info](#)

Route table ID rtb-0e6ab4d4945026d07	Main No	Explicit subnet associations 2 subnets	Edge associations -
VPC vpc-0aea74aee6b005ee4 VPC-1	Owner ID 211125722329		

Routes | Subnet associations | Edge associations | Route propagation | Tags

Routes (2)

Filter routes

Both **Edit routes**

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0b1f5cf0308f563ff	Active	No
10.0.0.0/16	local	Active	No

STEP 7 : Create Ec2 Instance with there respective VPC created for them

- NOW create three ec2 instance
- First instance is use VPC-1 as a VPC
- Second instance is use VPC-2 as its VPC
- Third instance is use VPC-3 as its VPC
- And While launching EC2 add Security Group
- With Port SSH and HTTP at Anywhere
- And Use User data in the Advance Setting

USER DATA :

```
#!/bin/bash
```

```
yum update -y
```

```
yum install -y httpd
```

```
systemctl start httpd
```

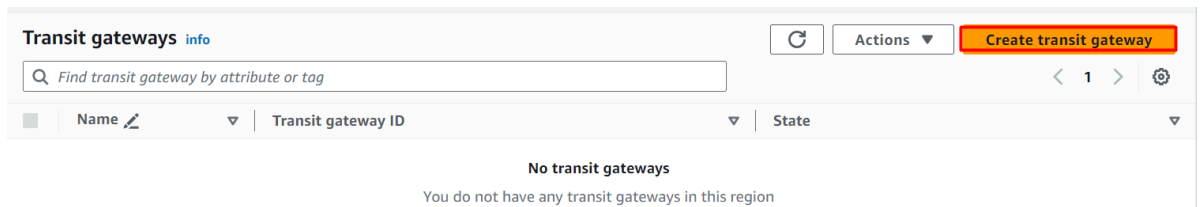
```
systemctl enable httpd
```

```
echo "<h1>Hello World from $(hostname -f)</h1>" >/var/www/html/index.html
```

Instances (3) Info							Refresh Connect Instance state ▼ Actions ▼ Launch ins	
<input type="text" value="Find Instance by attribute or tag"/>							All states ▼ <	
<input type="checkbox"/>	Name ✎	Instance ID	Instance state ▼	Instance type ▼	Status check			
<input type="checkbox"/>	VPC-1 INSTANCE	i-0cfb8aab5a293fb86	Running 🔍 🔍	t2.micro	2/2 checks passed			
<input type="checkbox"/>	VPC-2 INSTANCE	i-00b1d3f121a4d3197	Running 🔍 🔍	t2.micro	2/2 checks passed			
<input type="checkbox"/>	VPC-3 INSTANCE	i-0f43805adb4d82ea0	Running 🔍 🔍	t2.micro	2/2 checks passed			

STEP 8 : Create Transit Gateway

- Now Go to VPC and Search for Transit gateway
- Then click on create Transit Gateway



Transit gateways [info](#)

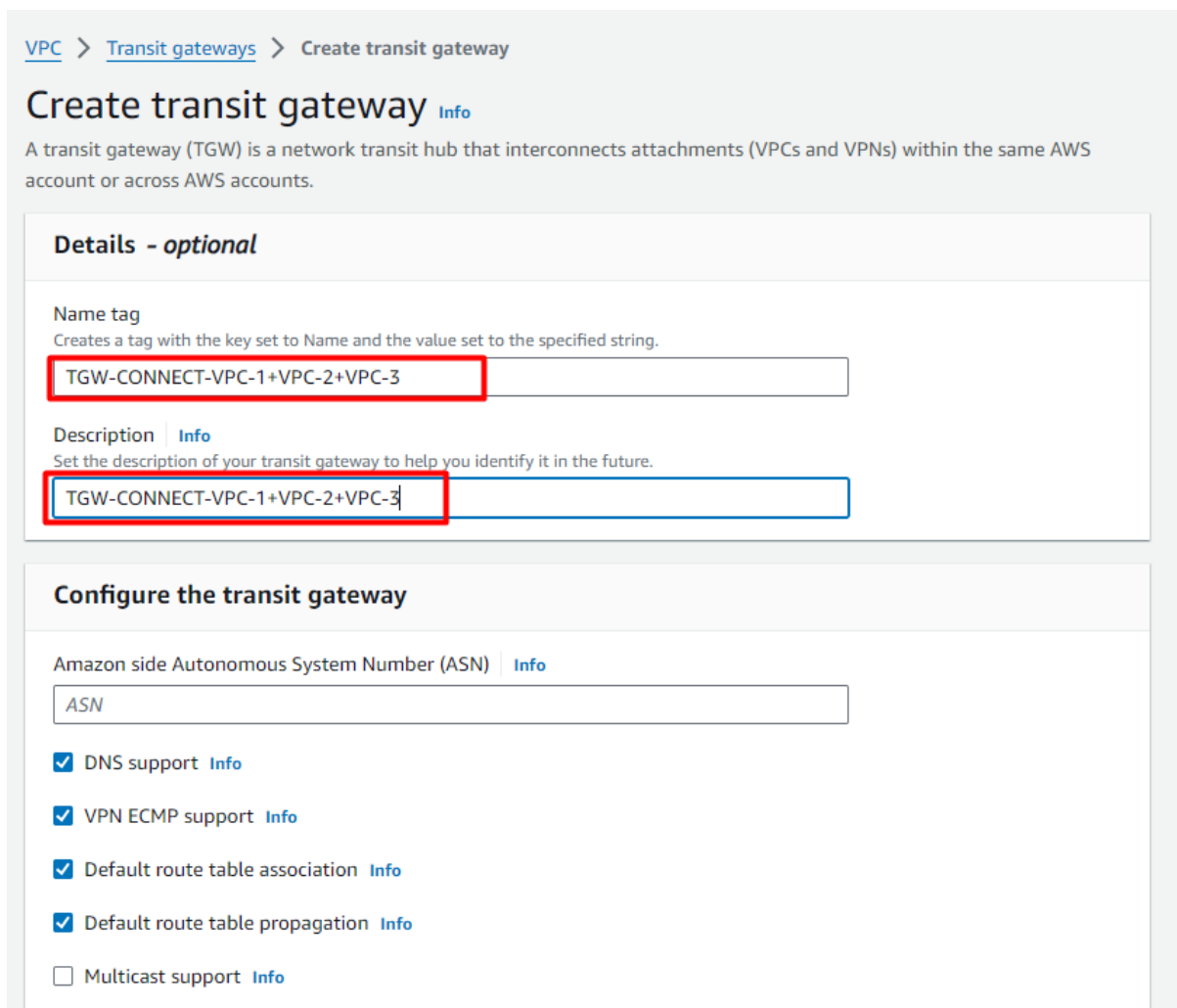
Find transit gateway by attribute or tag

Actions [Create transit gateway](#)

Name	Transit gateway ID	State
No transit gateways		

You do not have any transit gateways in this region

- Enter name of the Transit Gateway
- In Configure the transit gateway :
- Here we will use ASN
- It is used to configure with different Account
- If you don't have ASN AWS will create it when you create a Transit gateway



VPC > Transit gateways > Create transit gateway

Create transit gateway [Info](#)

A transit gateway (TGW) is a network transit hub that interconnects attachments (VPCs and VPNs) within the same AWS account or across AWS accounts.

Details - optional

Name tag
Creates a tag with the key set to Name and the value set to the specified string.

TGW-CONNECT-VPC-1+VPC-2+VPC-3

Description [Info](#)
Set the description of your transit gateway to help you identify it in the future.

TGW-CONNECT-VPC-1+VPC-2+VPC-3

Configure the transit gateway

Amazon side Autonomous System Number (ASN) [Info](#)

ASN

☒ DNS support [Info](#)

☒ VPN ECMP support [Info](#)

☒ Default route table association [Info](#)

☒ Default route table propagation [Info](#)

☐ Multicast support [Info](#)

- Here we will not click the check box as we are not doing cross account
- And we can give our Transit Gateway a CIDR
- But we are not going to give it for now as we are making default transit gateway to use it for this VPC's

Configure cross-account sharing options

☐ Auto accept shared attachments
 [Info](#)

Transit gateway CIDR blocks

CIDR - optional [Info](#)

Tags - optional

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

You can add up to 49 more tags.

- So hence we can create our transit gateway

✓ You successfully created tgw-06303d63c2e26b654 / TGW-CONNECT-VPC-1+VPC-2+VPC-3.

🔔 You can visualize and monitor your Transit Gateway(s) from the [AWS Network Manager](#). Register your Transit Gateway by creating a [global network](#) to get started.

Transit gateways (1) [info](#)

<input type="checkbox"/>	Name ✎	Transit gateway ID	State
<input type="checkbox"/>	TGW-CONNECT-VPC...	tgw-06303d63c2e26b654	Pending

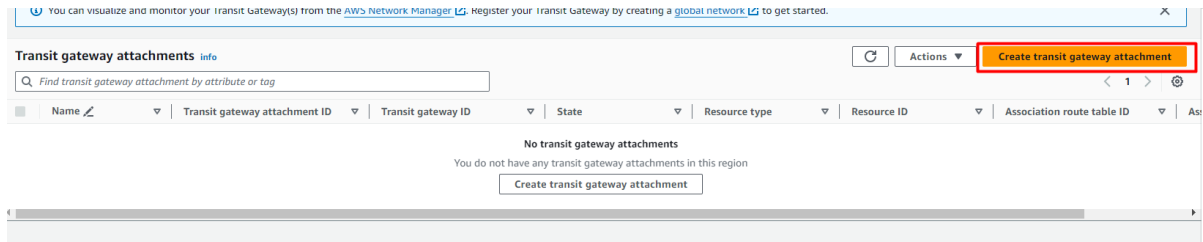
- HENCE we can see the Transit Gateway is been created and its in pending state we will wait till the Gateways is available,

Transit gateways (1) [info](#)

<input type="checkbox"/>	Name ✎	Transit gateway ID	State
<input type="checkbox"/>	TGW-CONNECT-VPC...	tgw-06303d63c2e26b654	Available

STEP 9 : Create Transit Gateway Attachment

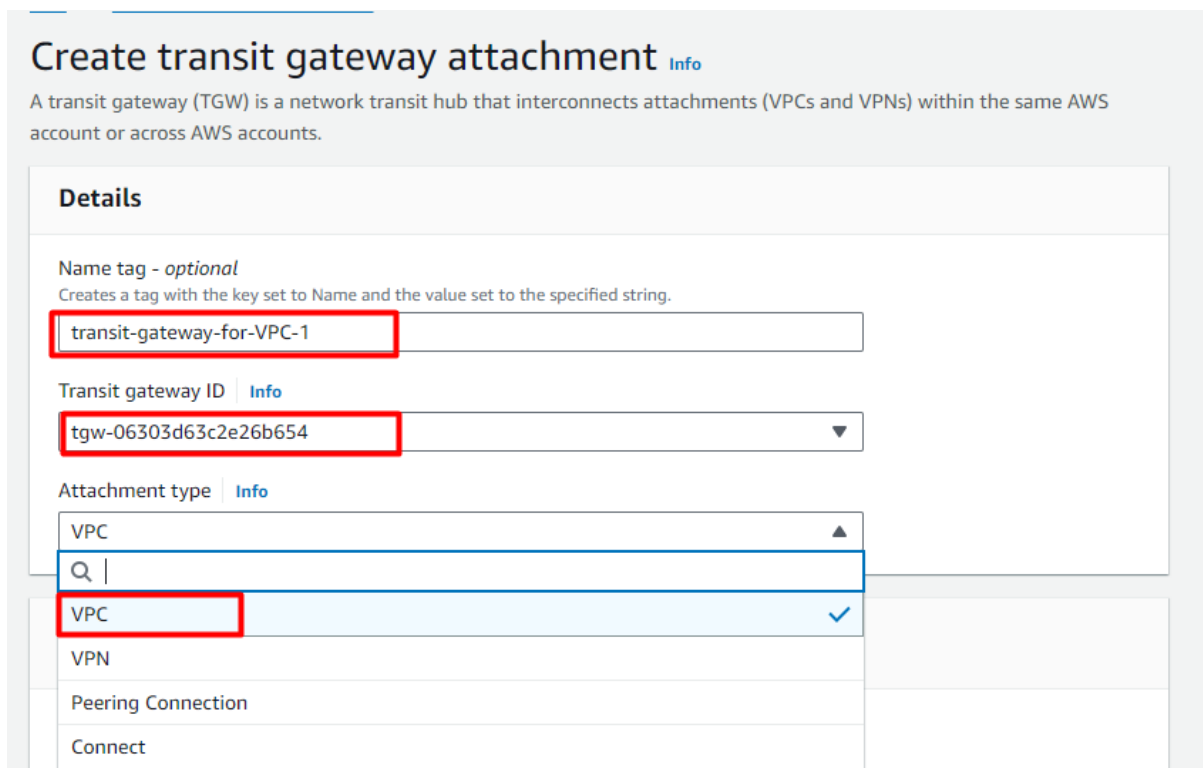
- Now we will create Transit gateway Attachment



FOR VPC-1

- Now we will create a Transit attachment for VPC-1
- Here we will first give a Transit attachment a name
- Now in Transit gateway ID we will choose the Transit Gateway which we have created early and provide it ID for the connection
- And in attachment Type ;
- We will choose VPC
- as we are using VPC to connect each other

NOTE : we can use this Transit gateway for VPN,direct Conentct and for peering connection also



- Here we will choose DNS support as we are using IPv4 CIDR for VPC
- In VPC ID we will choose VPC ID of VPC-1
- And choose its Subnets
- And hence we can create this attachment

VPC attachment
Select and configure your VPC attachment.

☒ DNS support [Info](#)

☐ IPv6 support [Info](#)

☐ Appliance Mode support [Info](#)

VPC ID
Select the VPC to attach to the transit gateway.

vpc-0aea74aee6b005ee4	▲
<input type="text" value="Q"/>	
vpc-0a034f165d10a7484 (VPC-3)	16.0.0.0/16
vpc-03e2f3898bb39e15d (VPC-2)	15.0.0.0/16
vpc-0aea74aee6b005ee4 (VPC-1)	10.0.0.0/16
vpc-06303a8b3b45f92ba	172.31.0.0/16

VPC attachment
Select and configure your VPC attachment.

☒ DNS support [Info](#)

☐ IPv6 support [Info](#)

☐ Appliance Mode support [Info](#)

VPC ID
Select the VPC to attach to the transit gateway.

vpc-0aea74aee6b005ee4 ▼

Subnet IDs [Info](#)
Select the subnets in which to create the transit gateway VPC attachment.

☒ ap-south-1a subnet-02b8f791af4b01277 ▼

☒ ap-south-1b subnet-0320350a18ac3bd80 ▼

☐ ap-south-1c No subnet available

subnet-02b8f791af4b01277 ✕ subnet-0320350a18ac3bd80 ✕

FOR VPC-2

- Now we will create a Transit attachment for VPC-2
- Here we will first give a Transit attachment a name
- Now in Transit gateway ID we will choose the Transit Gateway which we have created early and provide it ID for the connection
- And in attachment Type ;
- We will choose VPC
- as we are using VPC to connect each other

Create transit gateway attachment [Info](#)

A transit gateway (TGW) is a network transit hub that interconnects attachments (VPCs and VPNs) within an AWS account or across AWS accounts.

Details

Name tag - *optional*
Creates a tag with the key set to Name and the value set to the specified string.

Transit gateway ID [Info](#)

Attachment type [Info](#)

☒ VPC ✓

☐ VPN

☐ Peering Connection

☐ Connect

- Here we will choose DNS support as we are using IPv4 CIDR for VPC
- In VPC ID we will choose VPC ID of VPC-2
- And choose its Subnets
- And hence we can create this attachment

VPC attachment
Select and configure your VPC attachment.

☒ DNS support [Info](#)

☐ IPv6 support [Info](#)

☐ Appliance Mode support [Info](#)

VPC ID
Select the VPC to attach to the transit gateway.

☒ vpc-03e2f3898bb39e15d (VPC-2) 15.0.0.0/16

☐ vpc-0aea74aee6b005ee4 (VPC-1) 10.0.0.0/16

☐ vpc-06303a8b3b45f92ba 172.31.0.0/16

[Remove](#)

VPC attachment
Select and configure your VPC attachment.

☒ DNS support [Info](#)

☐ IPv6 support [Info](#)

☐ Appliance Mode support [Info](#)

VPC ID
Select the VPC to attach to the transit gateway.

vpc-03e2f3898bb39e15d ▼

Subnet IDs [Info](#)
Select the subnets in which to create the transit gateway VPC attachment.

☒ ap-south-1a subnet-06a8774f694ed4059 ▼

☒ ap-south-1b subnet-0a8e252602e102a4d ▼

☐ ap-south-1c No subnet available

subnet-06a8774f694ed4059 ✕ subnet-0a8e252602e102a4d ✕

FOR VPC-3

- Now we will create a Transit attachment for VPC-3
- Here we will first give a Transit attachment a name
- Now in Transit gateway ID we will choose the Transit Gateway which we have created early and provide it ID for the connection
- And in attachment Type ;
- We will choose VPC
- as we are using VPC to connect each other

Create transit gateway attachment [Info](#)

A transit gateway (TGW) is a network transit hub that interconnects attachments (VPCs and VPNs) within an account or across AWS accounts.

Details

Name tag - optional
Creates a tag with the key set to Name and the value set to the specified string.

transit-gateway-for-VPC-3

Transit gateway ID [Info](#)

tgw-06303d63c2e26b654 ▼

Attachment type [Info](#)

VPC ▲

Q

VPC ✓

VPN

Peering Connection

Connect

VPC attachment
Select and configure your VPC attachment.

☒ DNS support [Info](#)

☐ IPv6 support [Info](#)

☐ Appliance Mode support [Info](#)

VPC ID
Select the VPC to attach to the transit gateway.

Select a VPC

Q

vpc-0a034f165d10a7484 (VPC-3)
16.0.0.0/16

vpc-03e2f3898bb39e15d (VPC-2)
15.0.0.0/16

vpc-0aea74aea6b005ee4 (VPC-1)
10.0.0.0/16

vpc-06303a8b3b45f92ba
172.31.0.0/16

Remo

- Here we will choose DNS support as we are using IPv4 CIDR for VPC
- In VPC ID we will choose VPC ID of VPC-2
- And choose its Subnets
- And hence we can create this attachment

VPC attachment
Select and configure your VPC attachment.

☒ DNS support [Info](#)

☐ IPv6 support [Info](#)

☐ Appliance Mode support [Info](#)

VPC ID
Select the VPC to attach to the transit gateway.

vpc-0a034f165d10a7484

Subnet IDs [Info](#)
Select the subnets in which to create the transit gateway VPC attachment.

☒ ap-south-1a subnet-039cefe224bb6a892

☒ ap-south-1b subnet-0e93435fbc4248159

☐ ap-south-1c No subnet available

subnet-039cefe224bb6a892 X subnet-0e93435fbc4248159 X

- HENCE, we can see we have successfully created transit Gateway Attachment and it is also in available state

Transit gateway attachments (1/3) Info						Actions
Find transit gateway attachment by attribute or tag						
<input type="checkbox"/>	Name	Transit gateway attachment ID	Transit gateway ID	State	Resource type	
<input type="checkbox"/>	transit-gateway-for-VPC-2	tgw-attach-0179e585c59159689	tgw-06303d63c2e26b654	Available	VPC	
<input type="checkbox"/>	transit-gateway-for-VPC-3	tgw-attach-06d6cddcd7c08efdf	tgw-06303d63c2e26b654	Available	VPC	
<input checked="" type="checkbox"/>	transit-gateway-for-VPC-1	tgw-attach-0772e64ecb1440892	tgw-06303d63c2e26b654	Available	VPC	

STEP 10 : Configure Route Table to access the transit route

- Hence, we have done everything to setup for the Transit gateway
- Now we need to configure Route Table to access this transit route

FOR VPC-1 ROUTE TABLE

- Copy the CIDR of VPC-2 and VPC3

Your VPCs (4) Info						
<input type="text" value="Search"/>						
<input type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR		
<input type="checkbox"/>	VPC-3	vpc-0a034f165d10a7484	Available	16.0.0.0/16		
<input type="checkbox"/>	VPC-2	vpc-03e2f3898bb39e15d	Available	15.0.0.0/16		
<input type="checkbox"/>	VPC-1	vpc-0aea74aee6b005ee4	Available	10.0.0.0/16		

- Here we add the CIDR of VPC-2 and VPC-3 in the edit Route
- With the VPC -1 transit gateway attachment ID

Destination	Target	Status
10.0.0.0/16	local	Active
<input type="text" value="0.0.0.0/0"/>	Internet Gateway	Active
<input type="text" value="16.0.0.0/16"/>	Transit Gateway	
<input type="text" value="15.0.0.0/16"/>	Transit Gateway	
<input type="button" value="Add route"/>		

- Save the changes and exit

FOR VPC-2 ROUTE TABLE

- Here we add the CIDR of VPC-1 and VPC-3 in the edit Route
- Copy the CIDR of VPC-1 and VPC-3

Your VPCs (4) Info						
<input type="text" value="Search"/>						
<input type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR	IPv6 C	
<input type="checkbox"/>	VPC-3	vpc-0a034f165d10a7484	Available	16.0.0.0/16	-	
<input type="checkbox"/>	VPC-2	vpc-03e2f3898bb39e15d	Available	15.0.0.0/16	-	
<input type="checkbox"/>	VPC-1	vpc-0aea74aee6b005ee4	Available	10.0.0.0/16	-	
<input type="checkbox"/>	-	vpc-06303a8b3b45f92ba	Available	172.31.0.0/16	-	

- With the VPC -2 transit gateway attachment ID

Edit routes

Destination	Target	Status
15.0.0.0/16	local	Active
0.0.0.0/0	Internet Gateway	Active
16.0.0.0/16	Transit Gateway	
10.0.0.0/16	Transit Gateway	

Add route

- Save the changes and exit

FOR VPC-3 ROUTE TABLE

- Here we add the CIDR of VPC-1 and VPC-2 in the edit Route
- Copy the CIDR of VPC-1 and VPC-2

Your VPCs (4) Info

Search

	Name	VPC ID	State	IPv4 CIDR
<input type="checkbox"/>	VPC-3	vpc-0a034f165d10a7484	Available	16.0.0.0/16
<input type="checkbox"/>	VPC-2	vpc-03e2f3898bb39e15d	Available	15.0.0.0/16
<input type="checkbox"/>	VPC-1	vpc-0aea74aee6b005ee4	Available	10.0.0.0/16
<input type="checkbox"/>	-	vpc-06303a8b3b45f92ba	Available	172.31.0.0/16

- With the VPC -3 transit gateway attachment ID

Edit routes

Destination	Target	Status
16.0.0.0/16	local	Active
0.0.0.0/0	Internet Gateway	Active
15.0.0.0/16	Transit Gateway	
10.0.0.0/16	Transit Gateway	

Add route

- Save the changes and exit

STEP 11 : OUTPUT

CHECK THE CONNECTION :

- Now connect each Ec2 instance and check the connection is proper or not

VPC-1 INSTANCE

- Connect to VPC-1 instance
- And Copy the IPv4 Public Address of VPC-2 INSTANCNE and VPC-3 INSTCANCE

Command used to see the connection :

- # curl 65.0.93.136 //VPC-2 INSATCNE PUBLIC IPv4
- # curl 3.109.32.247 //VPC-3 INSATNCE PUBLIC IPv4'

- Hence, we can see the connection Is proper

```
[ec2-user@ip-10-0-0-217 ~]$ curl 65.0.93.136
<h1>Hello World from ip-15-0-0-180.ap-south-1.compute.internal</h1>
[ec2-user@ip-10-0-0-217 ~]$ curl 3.109.32.247
<h1>Hello World from ip-16-0-0-253.ap-south-1.compute.internal</h1>
[ec2-user@ip-10-0-0-217 ~]$
```

i-0cfb8aab5a293fb86 (VPC-1 INSTANCE)

PublicIPs: 3.108.194.167 PrivateIPs: 10.0.0.217

VPC-2 INSTANCE

- Connect to VPC-2 instance
- And Copy the IPv4 Public Address of VPC-1 INSATCNE and VPC-3 INSTCANCE

Command used to see the connection :

- # curl 3.108.194.167 //VPC-1 INSATCNE PUBLIC IPv4
- # curl 3.109.32.247 //VPC-3 INSATNCE PUBLIC IPv4

- Hence, we can see the connection Is proper

```
[ec2-user@ip-15-0-0-180 ~]$ curl 3.108.194.167
<h1>Hello World from ip-10-0-0-217.ap-south-1.compute.internal</h1>
[ec2-user@ip-15-0-0-180 ~]$ curl 3.109.32.247
<h1>Hello World from ip-16-0-0-253.ap-south-1.compute.internal</h1>
[ec2-user@ip-15-0-0-180 ~]$
```

i-00b1d3f121a4d3197 (VPC-2 INSTANCE)

PublicIPs: 65.0.93.136 PrivateIPs: 15.0.0.180

VPC-3 INSTANCE

- Connect to VPC-1 instance
- And Copy the IPv4 Public Address of VPC-1 INSTANCNE and VPC-2 INSTCANCE

Command used to see the connection :

- # curl 3.108.194.167 //VPC-1 INSATNCE PUBLIC IPv4
- # curl 65.0.93.136 //VPC-2 INSATCNE PUBLIC IPv4

- Hence we can see the connection Is proper

```
[ec2-user@ip-16-0-0-253 ~]$ curl 3.108.194.167
<h1>Hello World from ip-10-0-0-217.ap-south-1.compute.internal</h1>
[ec2-user@ip-16-0-0-253 ~]$ curl 65.0.93.136
<h1>Hello World from ip-15-0-0-180.ap-south-1.compute.internal</h1>
[ec2-user@ip-16-0-0-253 ~]$
```

i-0f43805adb4d82ea0 (VPC-3 INSTANCE)

PublicIPs: 3.109.32.247 PrivateIPs: 16.0.0.253

REFERNCE LINK :

https://youtu.be/GV4KreiF_D4?si=AjXx0K0acDrkTdIN