



ASSIGNMENT - 2

COURSE : DEVOPS

Trainer : Mr . MADHUKAR



Q) Create transi gateway in two different account ?

- First Go to Amazon Console Home

- Search for VPC and Click on VPC

The screenshot shows the AWS Console Home page. On the left, there's a sidebar with 'Recently visited' links for EC2, VPC, S3, AWS Health Dashboard, and IAM. The main area has a section titled 'Applications (0)' with a 'Create application' button. Below it is a search bar for 'Find applications' and a table with columns for Name, Description, Region, and Originating a...'. A message says 'No applications' and 'Get started by creating an application.' with a 'Create application' button. At the bottom right, there's a link 'Go to myApplications'.

The screenshot shows the AWS search results for 'vpc'. The search bar at the top contains 'vpc'. The results are categorized into 'Services' and 'Features'. Under 'Services', there are 12 results: VPC (Isolated Cloud Resources), AWS Firewall Manager (Central management of firewall rules), Detective (Investigate and Analyze potential security issues), and Managed Services (IT operations management for AWS). Under 'Features', there are 57 results. The interface includes a sidebar with 'Recent' links for EC2, VPC, S3, AWS Health Dashboard, and IAM. The bottom of the screen shows the Windows taskbar and system tray.

- VPC Home Page and Click on create VPC

The screenshot shows the AWS VPC Home page. On the left, there's a sidebar with options like 'Your VPCs', 'Subnets', 'Route tables', etc. The main area displays 'Resources by Region' for the Europe region, showing counts for VPCs (3), Subnets (1), Route Tables (4), Internet Gateways (1), and more. To the right, there's a 'Service Health' section with a link to 'View complete service health details' and a 'Settings' section with links to 'Zones' and 'Console Experiments'. Below that is an 'Additional Information' section with links to 'VPC Documentation', 'All VPC Resources', 'Forums', and 'Report an Issue'. At the bottom, there's an 'AWS Network Manager' section with a brief description and a status bar showing the date and time.

- Enter VPC Name and enter ipv4 CIDR Address then Click on Create VPC

The screenshot shows the 'Create VPC' wizard. In the 'VPC settings' section, under 'Resources to create', 'VPC and more' is selected. Under 'Name tag auto-generation', 'Auto-generate' is checked, and the name 'project' is entered. Under 'IPv4 CIDR block', the address '10.0.0.0/16' is specified, with a note that it must be between /16 and /28. In the 'Preview' section, it shows the 'VPC Show details' (project-vpc) and 'Subnets (4)' (eu-west-3a and eu-west-3b, each with two subnets: public and private). The status bar at the bottom indicates it's 33°C sunny, the date is 27-02-2024, and the time is 15:50.

CreateVpc | VPC Console

eu-west-3.console.aws.amazon.com/vpcconsole/home?region=eu-west-3#CreateVpc:createMode=vpcOnly

Services Search [Alt+S]

16.0.0.0/16 CIDR block size must be between /16 and /28.

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

Name myvpc1 Remove tag

Add tag

You can add 49 more tags

Create VPC

VpcDetails | VPC Console

eu-west-3.console.aws.amazon.com/vpcconsole/home?region=eu-west-3#VpcDetails:VpcId=vpc-04abcfef400899dba

CloudShell Feedback

Type here to search

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

33°C Sunny 15:51 27-02-2024

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

You successfully created vpc-04abcfef400899dba / myvpc1

VPC > Your VPCs > vpc-04abcfef400899dba

vpc-04abcfef400899dba / myvpc1

Actions

Details Info

VPC ID vpc-04abcfef400899dba	State Available	DNS hostnames Disabled	DNS resolution Enabled
Tenancy Default	DHCP option set dopt-09e23cd2b557b002e	Main route table rtb-0564b9712781f8f0	Main network ACL acl-0a8104e39410323c1
Default VPC No	IPv4 CIDR 16.0.0.0/16	IPv6 pool -	IPv6 CIDR -
Network Address Usage metrics Disabled	Route 53 Resolver DNS Firewall rule groups -	Owner ID 654654539203	

Resource map CIDRs Flow logs Tags Integrations

Resource map Info

https://eu-west-3.console.aws.amazon.com/vpcconsole/home?region=eu-west-3#dhcpOptions:DhcpOptionsId=dopt-09e23cd2b557b002e

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

33°C Sunny 15:51 27-02-2024

- Go to Subnets and Click on create subnet

Subnets (1) Info

Name	Subnet ID	State	VPC	IPv4 CIDR
my-subnet-1	subnet-0e63b700a37192e46	Available	vpc-09ac721d5802c49b1 ny-v...	10.0.0.0/16

Select a subnet

- Now select our Created VPC
- Enter subnet name and enter subnet ipv4 CIDR block then Click on Create Subnet

Subnets (1) Info

Name	Subnet ID	State	VPC	IPv4 CIDR
my-subnet-1	subnet-0e63b700a37192e46	Available	vpc-09ac721d5802c49b1 ny-v...	10.0.0.0/16

Select a subnet

CreateSubnet | VPC Console

eu-west-3.console.aws.amazon.com/vpcconsole/home?region=eu-west-3#CreateSubnet:

VPC Services Search [Alt+S]

VPC > Subnets > Create subnet

Create subnet Info

VPC

VPC ID
Create subnets in this VPC.
vpc-04abcfef400899dba (myvpc1)

Associated VPC CIDRs
IPv4 CIDRs
16.0.0.0/16

Subnet settings
Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 1

Subnet name
Create a tag with a key of 'Name' and a value that you specify.
my-sub-1vpc1

The name can be up to 256 characters long.

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 33°C Sunny 16:00 27-02-2024

CreateSubnet | VPC Console

eu-west-3.console.aws.amazon.com/vpcconsole/home?region=eu-west-3#CreateSubnet:

VPC Services Search [Alt+S]

Subnet name
Create a tag with a key of 'Name' and a value that you specify.
my-sub-1vpc1

The name can be up to 256 characters long.

Availability Zone Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
Europe (Paris) / eu-west-3a

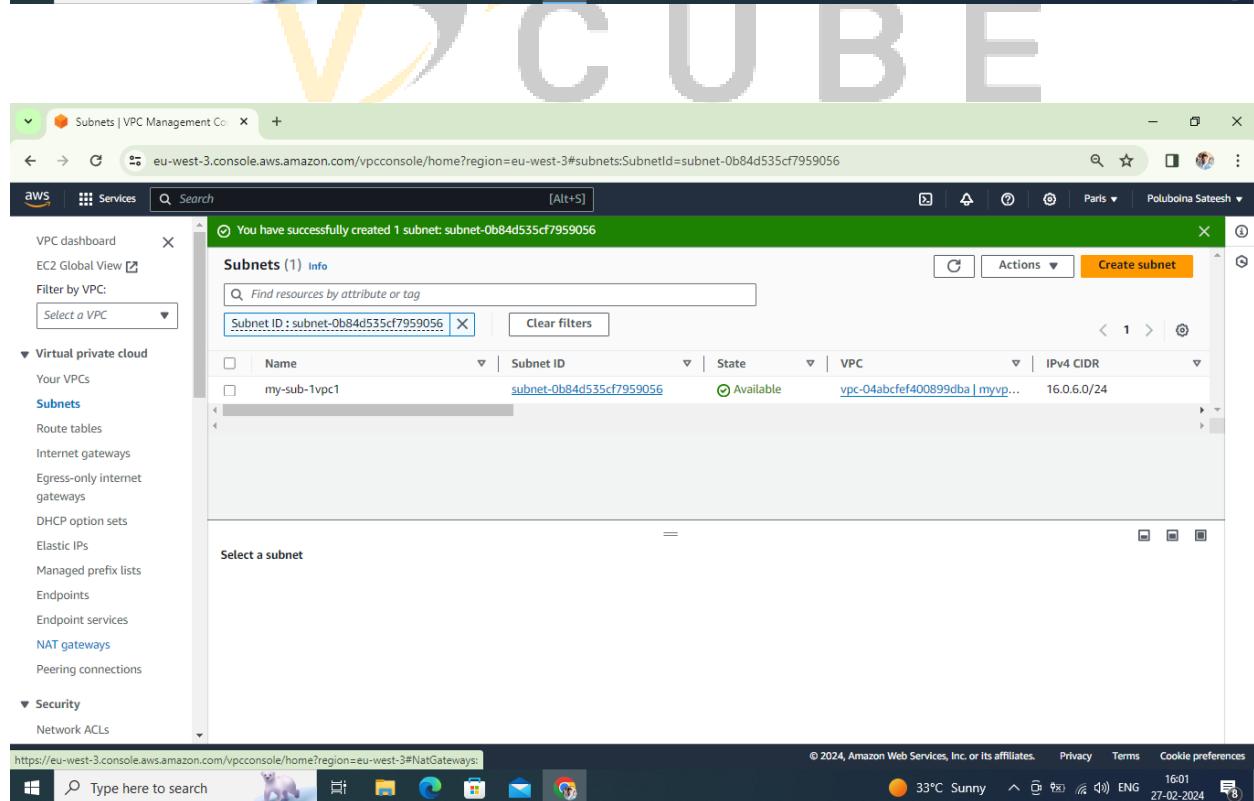
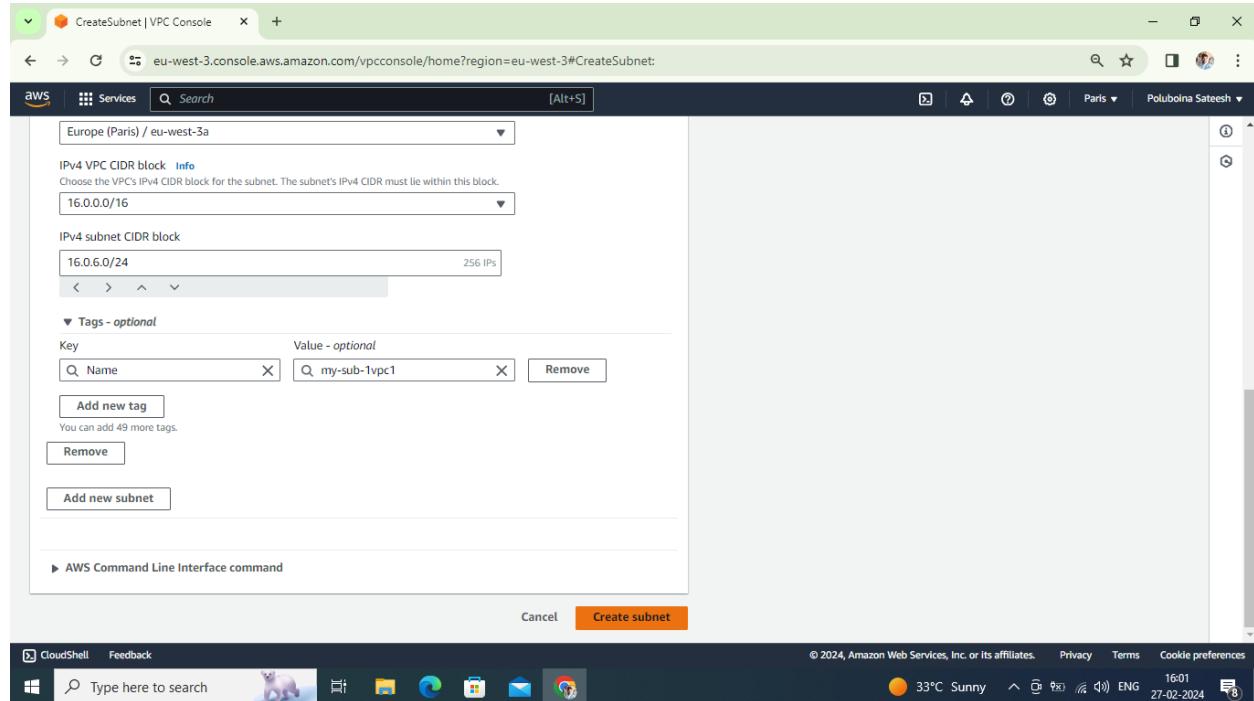
IPv4 VPC CIDR block Info
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.
16.0.0.0/16

IPv4 subnet CIDR block
16.0.6.0/24 256 IPs

Tags - optional
Key Value - optional
Name my-sub-1vpc1 Remove
Add new tag
You can add 49 more tags.
Remove Add new subnet

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 33°C Sunny 16:01 27-02-2024

- After creating subnets then go to internet gateways
- Click on Create internet gateway
- Enter internet gateway name then click on create internet gateway



- After Creating internet gateway go to actions and click on attach to VPC then select VPC and click on Attach internet gateway

The screenshot shows two windows from the AWS VPC Console.

Top Window: The "Internet gateways" page. The left sidebar shows "Internet gateways" selected under "VPC". The main area displays a table with columns: Name, Internet gateway ID, State, VPC ID, and Owner. A message at the top right says "No internet gateways found in this Region". Below the table, a placeholder text "Select an internet gateway above" is visible.

Bottom Window: The "Create internet gateway" wizard. The title bar says "Create internet gateway | VPC". The main form has a section titled "Internet gateway settings" with a "Name tag" field containing "myigw1". Below it is a "Tags - optional" section with a single tag "Name: myigw1 Value: myigw1". At the bottom right of the form are "Cancel" and "Create internet gateway" buttons.

InternetGateway | VPC Console

eu-west-3.console.aws.amazon.com/vpcconsole/home?region=eu-west-3#internetGateway:internetGatewayId=igw-0d80253d4e100b3fc

VPC > Internet gateways > igw-0d80253d4e100b3fc

igw-0d80253d4e100b3fc / myigw1

Details Info

Internet gateway ID igw-0d80253d4e100b3fc	State Detached	VPC ID -	Owner 654654539203
--	-------------------	-------------	-----------------------

Tags

Key	Value
Name	myigw1

Actions

CloudShell Feedback

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

33°C Sunny ENG 16:01 27-02-2024

- After Attaching internet gateway then go to route tables
- Click on route table and enter route table name and select VPC then click on create route table

Attach internet gateway | VPC

eu-west-3.console.aws.amazon.com/vpcconsole/home?region=eu-west-3#AttachInternetGateway:internetGatewayId=igw-0d80253d4e100b3fc

VPC > Internet gateways > Attach to VPC (igw-0d80253d4e100b3fc)

Attach to VPC (igw-0d80253d4e100b3fc) [Info](#)

VPC

Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.

Available VPCs

Select a VPC

AWS Command Line Interface command

Cancel [Attach internet gateway](#)

CloudShell Feedback

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

33°C Sunny ENG 16:02 27-02-2024

RouteTableDetails | VPC Console

eu-west-3.console.aws.amazon.com/vpcconsole/home?region=eu-west-3#RouteTableDetails:RouteTableId=rtb-0a9a1d727da2ef632

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

CloudShell Feedback Type here to search © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 33°C Sunny ENG 16:03 27-02-2024

Route table rtb-0a9a1d727da2ef632 | my-rt1 was created successfully.

VPC > Route tables > rtb-0a9a1d727da2ef632

rtb-0a9a1d727da2ef632 / my-rt1

Actions

Details Info

Route table ID	rtb-0a9a1d727da2ef632	Main	No	Explicit subnet associations	-	Edge associations	-
VPC	vpc-04abcfef400899dba myvpc1	Owner ID	654654539203				

Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Destination	Target	Status	Propagated
16.0.0.0/16	local	Active	No

Both Edit routes < 1 > ⚙️

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 33°C Sunny ENG 16:03 27-02-2024

RouteTableDetails | VPC Console

eu-west-3.console.aws.amazon.com/vpcconsole/home?region=eu-west-3#RouteTableDetails:RouteTableId=rtb-0a9a1d727da2ef632

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

CloudShell Feedback Type here to search © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 33°C Sunny ENG 16:03 27-02-2024

Route table rtb-0a9a1d727da2ef632 | my-rt1 was created successfully.

VPC > Route tables > rtb-0a9a1d727da2ef632

rtb-0a9a1d727da2ef632 / my-rt1

Actions

Details Info

Route table ID	rtb-0a9a1d727da2ef632	Main	No	Explicit subnet associations	-	Edge associations	-
VPC	vpc-04abcfef400899dba myvpc1	Owner ID	654654539203				

Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Destination	Target	Status	Propagated
16.0.0.0/16	local	Active	No

Both Edit routes < 1 > ⚙️

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 33°C Sunny ENG 16:03 27-02-2024

- After creating route table go to transit gateway
- Click on create transit gateway then enter the transit gateway name then click on create transit gateway

The screenshot shows two windows from the AWS VPC console.

Top Window: Transit gateways | VPC | eu-west-3

- URL: eu-west-3.console.aws.amazon.com/vpc/home?region=eu-west-3#TransitGateways
- Actions: Create transit gateway
- Table Headers: Name, Transit gateway ID, State
- Data: my-tg-1, tgw-0f136d74e857e9004, Available

Bottom Window: VPC | eu-west-3

- URL: eu-west-3.console.aws.amazon.com/vpc/home?region=eu-west-3#CreateTransitGateway
- Form Fields:
 - Default route table propagation: checked
 - Multicast support: unchecked
 - Configure cross-account sharing options: Auto accept shared attachments: unchecked
 - Transit gateway CIDR blocks: CIDR - optional: 10.0.0.0/24
 - Tags - optional: Key: Name, Value: mytg1
- Buttons: Cancel, Create transit gateway

The screenshot shows the AWS VPC console for the eu-west-3 region. A success message at the top states: "You successfully created tgw-09391b8664995e7b0 / mytg1." Below this, a table lists two transit gateways:

Name	Transit gateway ID	State
mytg1	tgw-09391b8664995e7b0	Pending
my-tg-1	tgw-0f136d74e857e9004	Available

A modal window titled "Select a transit gateway" is open, listing the same two entries.

- After Creating transit gateway status is shown pending wait for few min. status is changed available

The screenshot shows the "Create Transit Gateway Attachment" dialog. It includes sections for "VPC attachment" (with options for DNS support, IPv6 support, and Appliance Mode support), "VPC ID" (a dropdown menu labeled "Select a VPC"), and "Tags - optional" (a table with one entry: Name: mytgat1, Value: optional). At the bottom are "Cancel" and "Create transit gateway attachment" buttons.

- After that go to transit gateway attachment
- Click on transit gateway attachment
- Enter the name and select transit gateway id
- Select VPC id and click on create transit gateway 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.

Select a VPC

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
Name	mytga1

Add new tag

You can add up to 49 more tags.

Create transit gateway attachment

You successfully created VPC attachment tgw-attach-0b22e324df65d5e2e / mytga1.

Transit gateway attachments (3) [info](#)

Name	Transit gateway attachment ID	Transit gateway ID	State	Resource type	Resource ID
my-peer	tgw-attach-0e26d2c24e16e71f4	tgw-0f136d74e857e9004	Available	Peering	tgw-0845c0e1
mytga1	tgw-attach-0b22e324df65d5e2e	tgw-09391b8664995e7b0	Pending	VPC	vpc-04abcfef4

Select a transit gateway attachment

The screenshot shows the AWS VPC console with the URL eu-west-3.console.aws.amazon.com/vpc/home?region=eu-west-3#TransitGatewayAttachments. A green success message at the top states: "You successfully created VPC attachment tgw-attach-0b22e324df65d5e2e / mytga1." Below this, a table titled "Transit gateway attachments (3)" lists three entries:

Name	Transit gateway attachment ID	Transit gateway ID	State	Resource type	Resource ID
my-peer	tgw-attach-0e26d2c24e16e71f4	tgw-0f136d74e857e9004	Available	Peering	tgw-0845c0e1
mytga1	tgw-attach-0b22e324df65d5e2e	tgw-09391b8664995e7b0	Pending	VPC	vpc-04abcef4

A modal window titled "Select a transit gateway attachment" is open, showing the same list of attachments.

- After Creating transit gateway attachment status is shown pending wait for few min. status will be changed as available

The screenshot shows the AWS VPC Management console with the URL eu-west-3.console.aws.amazon.com/vpcconsole/home?region=eu-west-3#RouteTables. A green success message at the top states: "You have successfully updated subnet associations for rtb-09a1d727da2ef632 / my-rt1." Below this, a table titled "Route tables (1/4)" lists four entries, with "my-rt1" selected:

Name	Route table ID	Explicit subnet assoc...	Edge associations	Main	VPC
-	rtb-0564b9712781bf20	-	-	Yes	vpc-04abcef400899db
-	rtb-0ad4c4107db599f0d	-	-	Yes	vpc-09ac721d5802c491
-	rtb-0a8c15438d5e360d0	-	-	Yes	vpc-038e3fee26ae6a4t
my-rt1	rtb-0a9a1d727da2ef632	subnet-0b84d535cf7959056 / my-sub-1vpc1	-	No	vpc-04abcef400899db

A modal window titled "rtb-0a9a1d727da2ef632 / my-rt1" is open, showing the "Details" tab with the following information:

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-0a9a1d727da2ef632	No	subnet-0b84d535cf7959056 / my-sub-1vpc1	-

- After creating transit gateway attachment go to route tables
- Click on route table id go to subnet association and edit subnet association and select created subnet and then click on save changes

The screenshot shows the AWS VPC Route Table Details page. The URL is eu-west-3.console.aws.amazon.com/vpcconsole/home?region=eu-west-3#RouteTableDetails:RouteTableId=rtb-0a9a1d727da2ef632. The main content area displays a green banner stating "Updated routes for rtb-0a9a1d727da2ef632 / my-rt1 successfully". Below this, the route table ID is shown as "rtb-0a9a1d727da2ef632 / my-rt1". The "Details" tab is selected, showing the following information:

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-0a9a1d727da2ef632	No	subnet-0b84d535cf7959056 / my-sub-1vpc1	-
VPC	Owner ID		
vpc-04abcef400899dba myvpc1	654654539203		

The "Routes" tab is selected, showing two routes:

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0d80253d4e100b5fc	Active	No
16.0.0.0/16	local	Active	No

The screenshot shows the AWS Create Subnet page. The URL is ap-northeast-3.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-3#CreateSubnet. The main content area shows the following configuration:

- IPv4 VPC CIDR block:** 17.0.0.0/16
- IPv4 subnet CIDR block:** 17.0.0.24
- Tags - optional:**
 - Key: Name, Value: mysub2
 - Add new tag button
 - Remove button
 - Add new subnet button

At the bottom right are "Cancel" and "Create subnet" buttons.

RouteTableDetails | VPC Console

ap-northeast-3.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-3#RouteTableDetails:RouteTableId=rtb-0ee4e2628b7780eb0

VPC dashboard Services Search [Alt+S]

Route table rtb-0ee4e2628b7780eb0 | myrt was created successfully.

VPC > Route tables > rtb-0ee4e2628b7780eb0

rtb-0ee4e2628b7780eb0 / myrt

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Actions

Details Info

Route table ID rtb-0ee4e2628b7780eb0	Main No	Explicit subnet associations -	Edge associations -
VPC vpc-0bc73efaa8548c267 myvpc2	Owner ID 339712715437		

Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Filter routes

Both Edit routes

Destination	Target	Status	Propagated
Destination	Target	Status	Propagated

CloudShell Feedback Type here to search 33°C Sunny ENG 16:21 27-02-2024

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

(1) WhatsApp

EditRouteTableSubnetAssociations | VPC Console

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRouteTableSubnetAssociations:RouteTableId=rtb-05832c705a...

CloudShell Feedback Type here to search 31°C Partly sunny 14:44 25-02-2024

Services Search [Alt+S]

VPC > Route tables > rtb-05832c705a07edf68 > Edit subnet associations

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (1/1)

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
my-sub-1	subnet-06c57a3b791a1a839	25.0.1.0/24	-	Main (rtb-094995a6eee43e29a)

Selected subnets

subnet-06c57a3b791a1a839 / my-sub-1

Cancel Save associations

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

- After saving association then go to actions then click on edit routes
- Click on add route select 0.0.0.0/0 target is select internet gateway then select transit gateway id
- Again add route then enter ipv4 CIDR of another account VPC then select target is transit gateway and id.

You successfully created tgw-07d7491bcc06c3c2 / mytg2.

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

Name	Transit gateway ID	State
mytg2	tgw-07d7491bcc06c3c2	Pending

Select a transit gateway

Software Solutions Pvt. Ltd.

You have successfully updated subnet associations for rtb-0ee4e2628b7780eb0 / myrt.

VPC > Route tables > rtb-0ee4e2628b7780eb0

rtb-0ee4e2628b7780eb0 / myrt

You can now check network connectivity with Reachability Analyzer

Details Info

Route table ID rtb-0ee4e2628b7780eb0	Main No	Explicit subnet associations subnet-035535603e947f19c / mysub2	Edge associations -
VPC vpc-0bc73efaa8548c267 myvpc2	Owner ID 339712715437		

Routes (1)

Destination	Target	Status	Propagated
Both			

Run Reachability Analyzer

The screenshot shows the 'Edit routes' page for a specific route table. The table lists three routes:

Destination	Target	Status	Propagated
25.0.0.0/16	local	Active	No
35.0.0.0/16	Transit Gateway	Active	No
0.0.0.0/0	Internet Gateway	Active	No

Buttons for 'Add route' and 'Save changes' are visible at the bottom.

- Go to Another Account and same create VPC , Subnet , internet gateway , transit gateway & transit gateway attachment.

The screenshot shows the AWS Console Home page. On the left, a sidebar lists recently visited services: EC2, VPC, S3, EFS, and IAM. The main area displays the 'Applications' section, which is currently empty. A button to 'Create application' is present.

Launch an instance | EC2 | eu-west-3

eu-west-3.console.aws.amazon.com/ec2/home?region=eu-west-3#LaunchInstances:

aws Services Search [Alt+S]

Anywhere Add CIDR, prefix list or security e.g. SSH for admin desktop 0.0.0.0/0

Security group rule 2 (TCP; 80, 0.0.0.0/0)

Type Info Protocol Info Port range Info
HTTP TCP 80 Remove

Source type Info Source Info Description - optional Info
Anywhere Add CIDR, prefix list or security e.g. SSH for admin desktop 0.0.0.0/0

Security group rule 3 (TCP, 80)

Type Info Protocol Info Port range Info
HTTP TCP 80 Remove

Source type Info Source Info Description - optional Info
Custom Use: 17.0.0.0/16 CIDR block 80
17.0.0.0/16 e.g. SSH for admin desktop

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Summary

Number of instances Info 1

Software Image (AMI) Amazon Linux 2023 AMI 2023.3.2...read more ami-03f12ae727bb56d85

Virtual server type (instance type) t2.micro

Firewall (security group) New security group

Storage (volumes) 1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which you launch)

Cancel Launch instance Review commands

CloudShell Feedback Type here to search 33°C Sunny 16:46 27-02-2024

Home | VPC Console

https://ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#Home:

aws Services Search [Alt+S]

VPC dashboard Create VPC Launch EC2 Instances

Note: Your Instances will launch in the Asia Pacific region.

Resources by Region Refresh Resources

You are using the following Amazon VPC resources

VPCs	Asia Pacific 1	NAT Gateways	Asia Pacific 0
Subnets	Asia Pacific 3	VPC Peering Connections	Asia Pacific 0
Route Tables	Asia Pacific 1	Network ACLs	Asia Pacific 1
Internet gateways	Asia Pacific 1	Security Groups	Asia Pacific 19
Egress-only internet gateways	Asia Pacific 0	Customer Gateways	Asia Pacific 0
DHCP option sets	Asia Pacific 0		
Elastic IPs	Asia Pacific 0		
Managed prefix lists	Asia Pacific 0		
Endpoints	Asia Pacific 0		
Endpoint services	Asia Pacific 0		
NAT gateways	Asia Pacific 0		
Peering connections	Asia Pacific 0		

Service Health 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 provides tools and features to help you manage and monitor your network on AWS. Network Manager makes it easier to perform connectivity management, network monitoring and troubleshooting, IP management, and network security and governance.

javascipt:void(0) Feedback 31°C Partly sunny ENG IN 14:54 25-02-2024

CreateVpc | VPC Console

https://ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#CreateVpc:createMode=vpcOnly

AWS Services Search [Alt+S]

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.

my-vpc-2

IPv4 CIDR block [Info](#)
 IPv4 CIDR manual input IPAM-allocated IPv4 CIDR block

IPv4 CIDR
35.0.0.0/16

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

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

31°C Partly sunny Search ENG IN 14:55 25-02-2024

CreateVpc | VPC Console

https://ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#CreateVpc:createMode=vpcOnly

AWS Services Search [Alt+S]

35.0.0.0/16

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
Name my-vpc-2 Remove tag

Add tag You can add 49 more tags

Cancel Create VPC

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

31°C Partly sunny Search ENG IN 14:55 25-02-2024

CreateSubnet | VPC Console

VPC ID
Create subnets in this VPC.
vpc-0fd229ea1698eb014 (my-vpc-2)

Associated VPC CIDRs
IPv4 CIDRs
35.0.0.0/16

Subnet settings
Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 1

Subnet name
Create a tag with a key of 'Name' and a value that you specify.
my-subnet-01

The name can be up to 256 characters long.

CloudShell Feedback 31°C Partly sunny Search ENG IN 14:55 25-02-2024

CreateSubnet | VPC Console

Choose the zone in which your subnet will reside, or let Amazon choose one for you.
Asia Pacific (Mumbai) / ap-south-1a

IPv4 VPC CIDR block [Info](#)
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.
35.0.0.0/16

IPv4 subnet CIDR block
35.0.1.0/24 256 IPs

Tags - optional

Key	Value - optional
Name	my-sub-2

Add new tag You can add 49 more tags. Remove Add new subnet

Cancel Create subnet

CloudShell Feedback 31°C Partly sunny Search ENG IN 14:56 25-02-2024

Create internet gateway [Info](#)

An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.

Internet gateway settings

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

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
<input type="text" value="Name"/>	<input type="text" value="my-igw-2"/>

[Add new tag](#)
You can add 49 more tags.

[Cancel](#) [Create internet gateway](#)

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 31°C Partly sunny Search ENG IN 14:56 25-02-2024 Sharon@123

InternetGateway | VPC Console X

VPC > Internet gateways > igw-0bd5256b094918679 / my-igw-2

Details [Info](#)

Internet gateway ID	State	VPC ID	Owner
igw-0bd5256b094918679	Detached	-	975049886410

Tags

Key	Value
Name	my-igw-2

[Actions](#)

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 31°C Partly sunny Search ENG IN 14:56 25-02-2024 Sharon@123

- And Click on route table id go to subnet association and edit subnet association and select created subnet and then click on save changes.
- After saving association then go to actions then click on edit routes
- Click on add route select 0.0.0.0/0 target is select internet gateway then select transit gateway id.
- Now go to route table of VPC -1 then click on route table id and go to actions and edit routes.
- Add route then enter ipv4 CIDR of another account VPC - 2 then select target is transit gateway and id.
- Go to route table of VPC -2 then click on route table id and go to actions and edit routes.
- Add route then enter ipv4 CIDR of another account VPC - 1 then select target is transit gateway and id.

The screenshot shows the AWS VPC Console with the URL <https://ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-05832c705a07edf68>. The page is titled "Edit routes". It lists three routes:

Destination	Target	Status	Propagated
25.0.0.0/16	local	Active	No
35.0.0.0/16	Transit Gateway	Active	No
0.0.0.0/0	Internet Gateway	Active	No

At the bottom, there are "Cancel", "Preview", and "Save changes" buttons. The status bar at the bottom includes links for CloudShell, Feedback, and various AWS services like Lambda, S3, and CloudWatch.

The screenshot shows the 'Edit routes' page in the AWS VPC console. A table lists three routes:

Destination	Target	Status	Propagated
35.0.0.0/16	local	Active	No
25.0.0.0/16	Transit Gateway	Active	No
0.0.0.0/0	Internet Gateway	Active	No

Buttons for 'Add route' and 'Save changes' are visible at the bottom.

- Now go to transit gateway attachments then click on create transit gateway attachment.
- Enter name and select transit gateway id
- And select attachment type is peering connection then selects other account option.
- And enter other account id , region & transit gateway id of accepter then create transit gateway attachment.

WhatsApp Transit Gateway attachments

ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#TransitGatewayAttachments:

VPC dashboard Services Search [Alt+S]

Transit gateway attachments (1) info Actions Create transit gateway attachment

Name	Transit gateway attachment ID	Transit gateway ID	State	Resource...
my-tga-1	tgw-attach-04cc409a9dfbe4331	tgw-08def43bc2655f7d8	Available	VPC

Select a transit gateway attachment

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 31°C Partly sunny ENG IN 15:40 25-02-2024

WhatsApp VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateTransitGatewayAttachment:

Services Search [Alt+S]

Transit gateway ID: tgw-08def43bc2655f7d8 Attachment type: Peering Connection

Peering connection attachment
Select and configure your peering connection attachment.

Account: Other account
My account
Other account

Account ID: Enter AWS account number

Region: Select a region

Transit gateway (accepter): Transit gateway accepter

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences Road Number 2 Closed road ENG IN 15:40 25-02-2024

The left window shows the 'Create transit gateway attachment' page for a Peering Connection. It includes fields for Account (Other account), Account ID (975049886410), Region (Mumbai), and Transit gateway (accepter) (mytgw-1). The right window shows the 'Route tables' list with one entry named 'my-rt-2'.

The left window shows the 'Create transit gateway attachment' page for a Peering Connection. It includes fields for Account (Other account), Account ID (975049886410), Region (Mumbai), and Transit gateway (accepter) (mytgw-1). The right window shows the 'Transit gateways' list with two entries: 'mt-tg-2' (Available) and 'mytrans-1' (Deleted).

- And now go to accepter account and go to transit gateway attachments and its showing status pending acceptance click on that attachment id then accept transit gateway attachments.
- After accept transit gateway its shown status is available both the accounts.

Transit gateway attachments (1/2) [info](#)

Name	Transit gateway attachment ID	Transit gateway ID	State	R...	Resource
my-peer	tgw-attach-0e1c64d92b5a39982	tgw-08def43bc2655f7d8	Available	Pee...	tgw-02db...
my-tga-1	tgw-attach-04cc409a9dfbe4331	tgw-08def43bc2655f7d8	Available	VPC	vpc-06c8f...

Transit gateway attachment: tgw-attach-0e1c64d92b5a39982 / my-peer

- Both the accounts create a static route.
- Go to Transit gateway route table and select transit gateway route table
- In first account go to actions and create static route and enter CIDR of VPC – 2 and select attachment of peering.
- In second account go to actions and create static route and enter CIDR of VPC – 1 and select attachment of peering.

Transit gateway route tables (1/1) [info](#)

Name	Transit gateway route table ID	Transit gateway ID	State	Default association route
tgw-rtb-0cb5b5a7d95f7d40d	tgw-08def43bc2655f7d8	Available	Yes	

Transit gateway route tables: tgw-rtb-0cb5b5a7d95f7d40d

Routes

Filter routes by CIDR (2)

Exact CIDR	Longest prefix match	Supernet of match	Subnet of match
Select a valid IP4 or IPv6 CIDR. <input type="text" value="0.0.0.0/0, ::/0"/>	Enter a valid IP4 or IPv6 and press enter. <input type="text" value="0.0.0.0, ::"/>	Select a valid IP4 or IPv6 CIDR. <input type="text" value="0.0.0.0/0, ::/0"/>	Select a valid IP4 or IPv6 CIDR. <input type="text" value="0.0.0.0/0 X ::/0"/>

WhatsApp VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateRoute:transitGatewayRouteTableId=tgw-rtb-0cb5b5a7d95f7d40d

Services Search [Alt+S]

Mumbai Gnani

Create static route Info

Add a static route to your transit gateway route table.

Details

Transit gateway ID: tgw-08def43bc2655f7d8

Transit gateway route table ID: tgw-rtb-0cb5b5a7d95f7d40d

CIDR: Info

Type: Active Blackhole

Choose attachment: Cancel Create static route

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 31°C Partly sunny 15:47 25-02-2024

Transit gateway attachments

https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#TransitGatewayAttachments:

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 31°C Partly sunny 15:47 25-02-2024

Transit gateway attachment ID	Transit gateway ID	State	Resource ID	Association route table ID	Association state
0fd771efcf9c3ac99	tgw-02db7c036d16a7cf0	Available	Pee...	tgw-08def43bc2655f7d8	tgw-rtb-0a562dea24c0f38c2 Associated
01b46b9ff6f9f86d3	tgw-02db7c036d16a7cf0	Available	VPC	vpc-0fd229ea1698eb014	tgw-rtb-0a562dea24c0f38c2 Associated
081abdb53b475b7dd	tgw-03f2ae6efd1d26927	Deleted	VPC	vpc-085d6ebf74a8c5bd4	-
0b2d87b7091cd05c0	tgw-03f2ae6efd1d26927	Deleted	VPC	vpc-01b5dc628063de8cb	-
0ef968c451c365f50	tgw-03f2ae6efd1d26927	Deleted	VPC	vpc-0eb6fa4567d2a3e8e	-

Transit gateway attachment: tgw-attach-0fd771efcf9c3ac99

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 31°C Partly sunny 15:47 25-02-2024

Transit gateway route tables (1/1) info

Name	Transit gateway route table ID	Transit gateway ID	State	Default association route
tgw-rtb-0a562dea24c0f38c2	tgw-02db7c036d16a7cf	Available	Yes	

Transit gateway route tables: tgw-rtb-0a562dea24c0f38c2

Details Associations Propagations Prefix list references Routes Tags

Details

Transit gateway route table ID tgw-rtb-0a562dea24c0f38c2	Transit gateway ID tgw-02db7c036d16a7cf	State Available	Default association route table Yes
---	--	--------------------	--

Default propagation route table
Yes

Create static route

Add a static route to your transit gateway route table.

Details

Transit gateway ID
tgw-02db7c036d16a7cf

Transit gateway route table ID
tgw-rtb-0a562dea24c0f38c2

CIDR **Info**
25.0.0.0/16

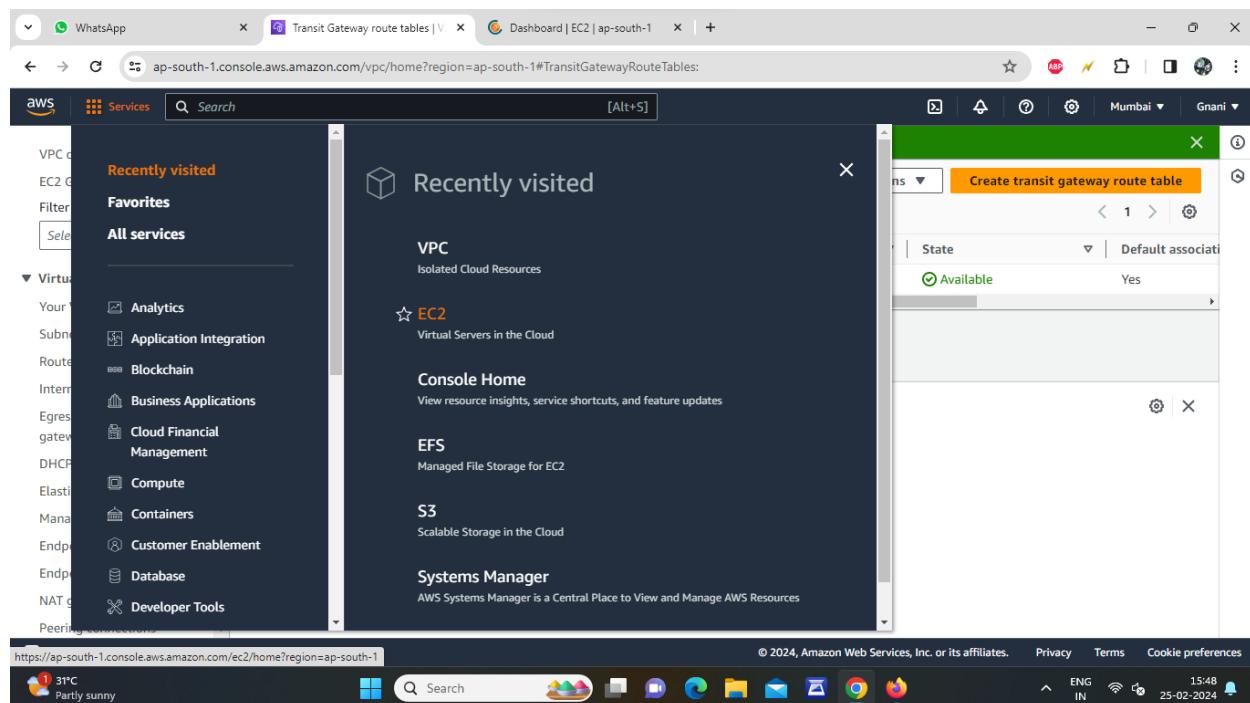
Type **Info**
 Active
 Blackhole

Choose attachment
tgw-attach-0fd771efcf9c3ac99

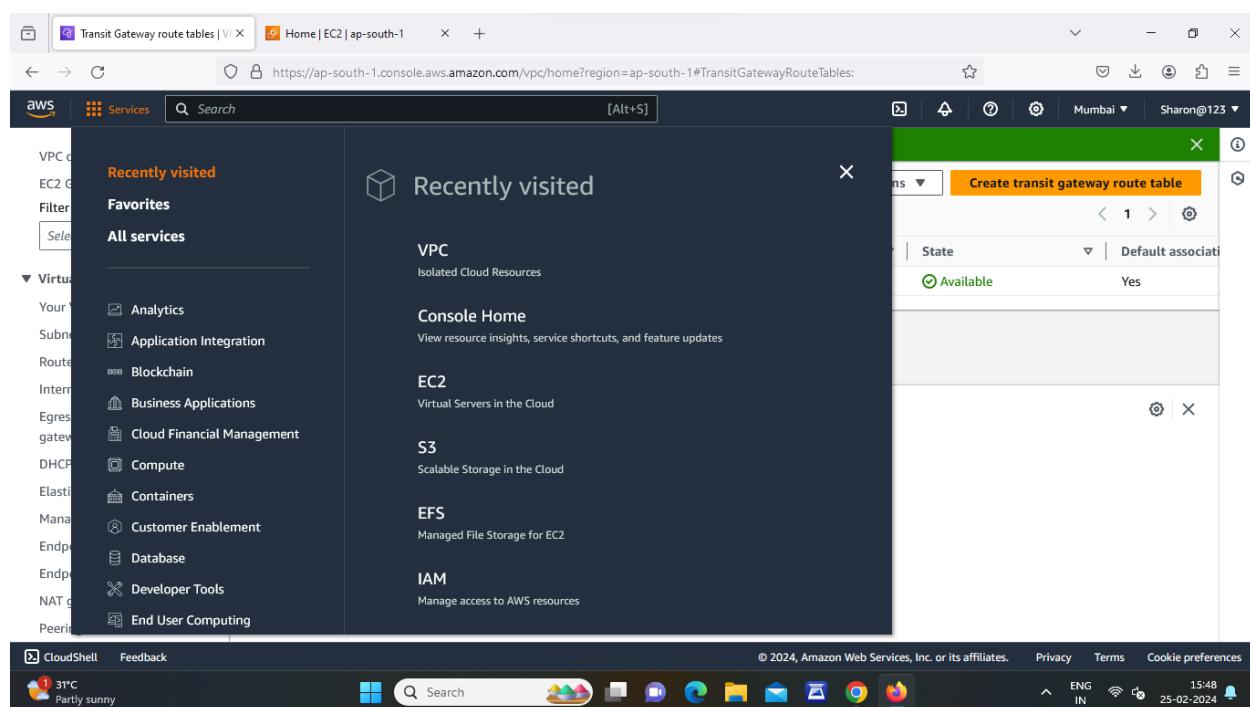
Create static route

- After creating static routes then launch instances in two accounts and connect the instances
- After connect the instance check account to account connection is working or not
- Command is

Yum install nginx -y
Systemctl status nginx
Systemctl start nginx
Curl private ip of account 2 (or) account 1



This screenshot shows the AWS Management Console with the VPC service selected. The left sidebar lists various services under 'Recently visited' and 'Favorites'. The main content area displays the 'Recently visited' section, which includes links to VPC, EC2, Console Home, EFS, S3, and Systems Manager. A modal window titled 'Create transit gateway route table' is open on the right side of the screen.



This screenshot shows the AWS Management Console with the EC2 service selected. The left sidebar lists various services under 'Recently visited' and 'Favorites'. The main content area displays the 'Recently visited' section, which includes links to VPC, Console Home, EC2, S3, EFS, and IAM. A modal window titled 'Create transit gateway route table' is open on the right side of the screen.

WhatsApp | Transit Gateway route tables | Launch an instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

AWS Services Search [Alt+S] Mumbai Gauri

EC2 Instances Launch an instance

Success Successfully initiated launch of instance i-07c23b2b6553eb878

Launch log

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

1 2 3 4 5 6

Create billing and free tier usage alerts
To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.
Create billing alerts

Connect to your instance
Once your instance is running, log into it from your local computer.
Connect to instance Learn more

Connect an RDS database
Configure the connection between an EC2 instance and a database to allow traffic flow between them.
Connect an RDS database Create a new RDS database

Create EBS snapshot policy
Create a policy that automates the creation, retention, and deletion of EBS snapshots.
Create EBS snapshot policy

CloudShell Feedback 31°C Partly sunny Search ENG IN 15:50 25-02-2024 © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Transit Gateway route tables | Launch an instance | EC2 | ap-south-1

https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

AWS Services Search [Alt+S] Mumbai Sharon@123

Network settings

VPC - required Info
vpc-0fd229ea1698eb014 (my-vpc-2)
35.0.0.0/16

Subnet Info
subnet-0ee4e1fb4e4e27068 my-sub-2
VPC: vpc-0fd229ea1698eb014 Owner: 975049886410 Availability Zone: ap-south-1a IP addresses available: 250 CIDR: 35.0.1.0/24

Create new subnet

Auto-assign public IP Info
Enable

Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group Select existing security group

Security group name - required
launch-wizard-1

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and _-:/()#=@[]+=;&|!\$*

Summary

Number of instances Info
1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.3.2...read more
ami-0e670eb768a5fc3d4

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

Cancel Launch instance Review commands

CloudShell Feedback 31°C Partly sunny Search ENG IN 15:50 25-02-2024 © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Screenshot of the AWS EC2 Instances Launch wizard.

The left sidebar shows the AWS Services menu with "CloudShell" and "Feedback" selected. The main content area displays the "Launch an instance | EC2 | ap-south-1" wizard.

Step 1: Set instance details

Instance type: t2.micro
AMI: Amazon Linux 2023.3.2...read more
Volume: 1 volume(s) - 8 GiB

Step 2: Set security group

Security group rule 2 (TCP, 80, 0.0.0.0/0):
Type: HTTP
Protocol: TCP
Port range: 80
Source type: Anywhere
Description: e.g. SSH for admin desktop
Source: 0.0.0.0/0

Security group rule 3 (TCP, 80, 25.0.0.0/16):
Type: HTTP
Protocol: TCP
Port range: 80
Source type: Custom
Description: e.g. SSH for admin desktop
Source: 25.0.0.0/16

A warning message: **⚠️ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.**

Step 3: Review and launch

Number of instances: 1
Virtual server type (instance type): t2.micro
Firewall (security group): New security group
Storage (volumes): 1 volume(s) - 8 GiB

Buttons: Cancel, Launch Instance, Review commands

Screenshot of the AWS EC2 Instances details page.

The left sidebar shows the AWS Services menu with "CloudShell" and "Feedback" selected. The main content area displays the "Instance details | EC2 | ap-south-1" page.

EC2 > Instances > i-0100a7f6508dca912 (my-vpc-2)

Instance summary for i-0100a7f6508dca912 (my-vpc-2)

Updated less than a minute ago

Attribute	Value
Instance ID	i-0100a7f6508dca912 (my-vpc-2)
Public IPv4 address	3.110.105.214 [open address]
Private IPv4 addresses	35.0.1.238
IPv6 address	-
Instance state	Pending
Public IPv4 DNS	-
Hostname type	Private IP DNS name (IPv4 only)
IP name:	ip-35-0-1-238.ap-south-1.compute.internal
Private IP DNS name (IPv4 only)	ip-35-0-1-238.ap-south-1.compute.internal
Answer private resource DNS name	-
Instance type	t2.micro
Elastic IP addresses	-
Auto-assigned IP address	3.110.105.214 [Public IP]
VPC ID	vpc-0fd229ea1698eb014 (my-vpc-2)
AWS Compute Optimizer finding	Opt-in to AWS Compute Optimizer for recommendations. Learn more
IAM Role	-
Subnet ID	subnet-0ee4e1fb4e4e27068 (my-sub-2)
Auto Scaling Group name	-

Actions

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 15:51 25-02-2024

WhatsApp | Transit Gateway route tables | Instance details | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#InstanceDetails:instanceId=i-07c23b2b6553eb878

AWS Services Search [Alt+S] Mumbai Granit

EC2 Dashboard Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations New Images AMIs AMI Catalog Elastic Block Store

EC2 > Instances > i-07c23b2b6553eb878

Instance summary for i-07c23b2b6553eb878 (my-vpc-1) Info Connect Instance state Actions

Updated less than a minute ago

Instance ID i-07c23b2b6553eb878 (my-vpc-1)	Public IPv4 address 13.232.40.243 [open address]	Private IPv4 addresses 25.0.1.124
IPv6 address -	Instance state Running	Public IPv4 DNS -
Hostname type IP name: ip-25-0-1-124.ap-south-1.compute.internal	Private IP DNS name (IPv4 only) ip-25-0-1-124.ap-south-1.compute.internal	Elastic IP addresses -
Answer private resource DNS name -	Instance type t2.micro	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations.
Auto-assigned IP address 13.232.40.243 [Public IP]	VPC ID vpc-06c8f11ce1adf43bd (my-vpc-1)	[Learn more]
IAM Role -	Subnet ID subnet-06c57a3b791a1a839 (my-sub-1)	Auto Scaling Group name -

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 31°C Partly sunny ENG IN 15:51 25-02-2024

WhatsApp | Transit Gateway route tables | Connect to instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstance:instanceId=i-07c23b2b6553eb878

AWS Services Search [Alt+S] Mumbai Granit

EC2 Instance Connect Session Manager SSH client EC2 serial console

Instance ID i-07c23b2b6553eb878 (my-vpc-1)

Connection Type

Connect using EC2 Instance Connect
Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address.

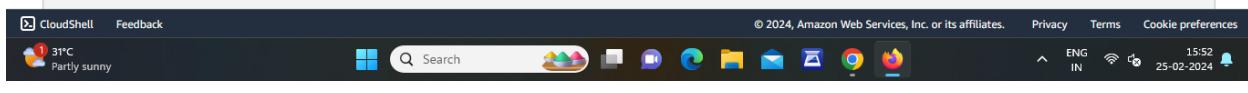
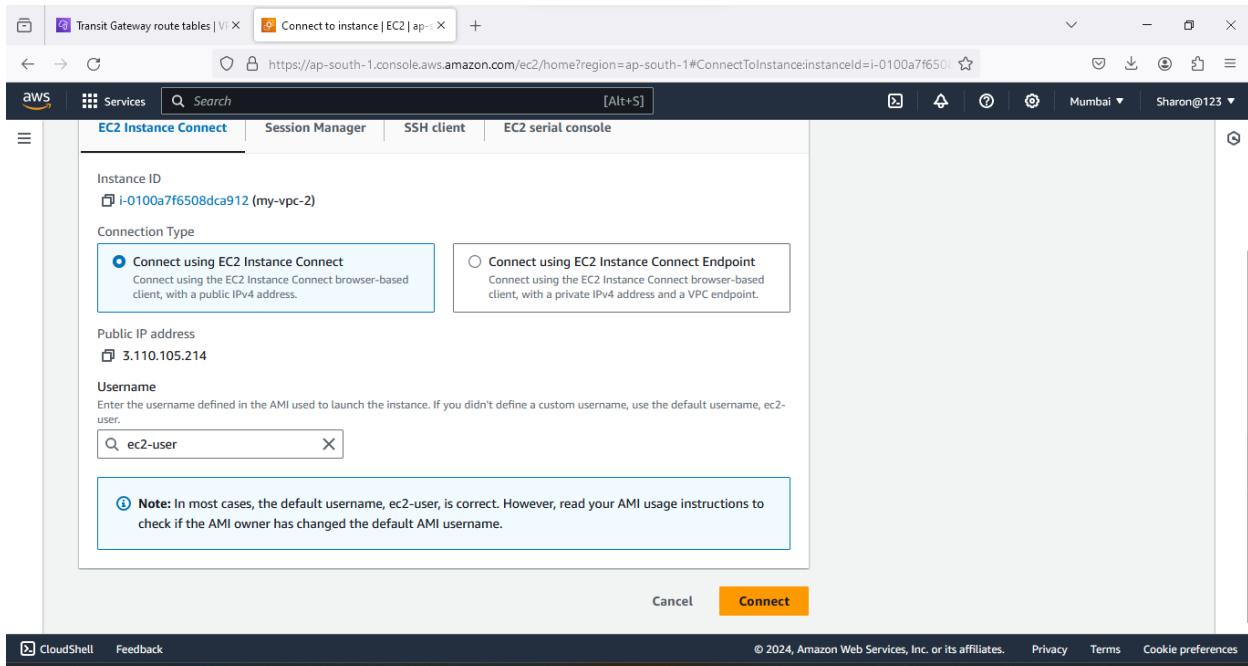
Connect using EC2 Instance Connect Endpoint
Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

Public IP address 13.232.40.243

Username ec2-user

Note: In most cases, the default username, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

Cancel Connect © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 31°C Partly sunny ENG IN 15:51 25-02-2024



```
Instance details | EC2 | eu-west-1 EC2 Instance Connect | eu-west-1
eu-west-3.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0f7b9e3ce75e25e10&osUser=ec2-user&region=eu-west-3&sshP... Search

AWS Services Search [Alt+S] © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences
CloudShell Feedback ENG IN 15:52 25-02-2024 Paris Polubolska Sateesh

Transaction test succeeded.
Running transaction
Preparing : 1
Running scriptlet: nginx-filesystem-1:1.24.0-1.amzn2023.0.2.noarch 1
Installing : nginx-filesystem-1:1.24.0-1.amzn2023.0.2.noarch 1
Installing : nginx-mimetypes-2.1.49-3.amzn2023.0.3.noarch 2
Installing : generic-logos-httd-18.0.0-12.amzn2023.0.3.noarch 3
Installing : libunwind-1.4.0-5.amzn2023.0.2.x86_64 4
Installing : gperftools-libs-2.9.1-1.amzn2023.0.3.x86_64 5
Installing : nginx-core-1:1.24.0-1.amzn2023.0.2.x86_64 6
Installing : nginx-1:1.24.0-1.amzn2023.0.2.x86_64 7
Running scriptlet: nginx-1:1.24.0-1.amzn2023.0.2.x86_64 7
Verifying : nginx-1:1.24.0-1.amzn2023.0.2.x86_64 1
Verifying : gperftools-libs-2.9.1-1.amzn2023.0.3.x86_64 2
Verifying : libunwind-1.4.0-5.amzn2023.0.2.x86_64 3
Verifying : nginx-core-1:1.24.0-1.amzn2023.0.2.x86_64 4
Verifying : nginx-mimetypes-2.1.49-3.amzn2023.0.3.noarch 5
Verifying : generic-logos-httd-18.0.0-12.amzn2023.0.3.noarch 6
Verifying : libunwind-1.4.0-5.amzn2023.0.2.x86_64 7

Installed:
generic-logos-httd-18.0.0-12.amzn2023.0.3.noarch      gperftools-libs-2.9.1-1.amzn2023.0.3.x86_64      libunwind-1.4.0-5.amzn2023.0.2.x86_64
nginx-1:1.24.0-1.amzn2023.0.2.x86_64                nginx-core-1:1.24.0-1.amzn2023.0.2.x86_64        nginx-filesystem-1:1.24.0-1.amzn2023.0.2.noarch
nginx-mimetypes-2.1.49-3.amzn2023.0.3.noarch         

Complete!
[root@ip-16-0-6-111 ~]# i-0f7b9e3ce75e25e10 (myec1)
PublicIPs: 15.237.247.216 PrivateIPs: 16.0.6.111
```

The terminal window shows the output of an 'apt-get update' and 'apt-get upgrade' command. It lists packages being installed, including nginx, gperftools, and libunwind. The status message 'Transaction test succeeded.' is displayed at the top. The terminal prompt shows the instance ID 'i-0f7b9e3ce75e25e10' and the user 'myec1'. The public and private IP addresses are also listed.



Instance details | EC2 | eu-west-1 | EC2 Instance Connect | eu-west-1 | +

eu-west-3.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0f7b9e3ce75e25e10&osUser=ec2-user®ion=eu-west-3&sshP... Search [Alt+S]

aws Services Search [Alt+S]

```
Complete!
[root@ip-16-0-6-111 ~]# systemctl start nginx
[root@ip-16-0-6-111 ~]# curl 16.0.6.111:80
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
html { color-scheme: light dark; }
body { width: 35em; margin: 0 auto;
font-family: Tahoma, Verdana, Arial, sans-serif; }
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
<p>If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.</p>
<p>For online documentation and support please refer to
<a href="http://nginx.org/">http://nginx.org/.<br/>
Commercial support is available at
<a href="http://nginx.com/">http://nginx.com/.</p>
<p><em>Thank you for using nginx.</em></p>
</body>
</html>
[root@ip-16-0-6-111 ~]#
```

i-0f7b9e3ce75e25e10 (myec1)

PublicIPs: 15.237.247.216 PrivateIPs: 16.0.6.111

CloudShell Feedback Type here to search © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 33°C Sunny ENG 16:55 27-02-2024

Instance details | EC2 | ap-northeast-1 | EC2 Instance Connect | ap-northeast-1 | +

ap-northeast-3.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0d3405b82d14a8937&osUser=ec2-user®ion=ap-northeast-1&sshP... Search [Alt+S]

aws Services Search [Alt+S]

```
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-17-0-0-62 ~]$
```

i-0d3405b82d14a8937 (myec2)

PublicIPs: 15.152.151.34 PrivateIPs: 17.0.0.62

CloudShell Feedback Type here to search © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 33°C Sunny ENG 16:56 27-02-2024

Instance details | EC2 | ap-north-1 | EC2 Instance Connect | ap-north-1 | +

ap-northeast-3.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0d3405b82d14a8937&osUser=ec2-user®ion=ap-northeast-3

AWS Services Search [Alt+S]

```
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
html { color-scheme: light dark; }
body { width: 35em; margin: 0 auto;
font-family: Tahoma, Verdana, Arial, sans-serif; }
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
<p>If you see this page, the nginx web server is successfully installed and working. Further configuration is required.</p>
<p>For online documentation and support please refer to
<a href="http://nginx.org/">http://nginx.org/.<br/>
Commercial support is available at
<a href="http://nginx.com/">http://nginx.com/.</p>
<p><em>Thank you for using nginx.</em></p>
</body>
</html>
[root@ip-17-0-0-62 ~]#
```

i-0d3405b82d14a8937 (myec2)

PublicIPs: 15.152.151.34 PrivateIPs: 17.0.0.62

CloudShell Feedback Type here to search

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 33°C Sunny 16:58 27-02-2024

