

Create two VPC's in different regions and connect the two vpc's.

By-

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1. Create VPCs:

- Go to the AWS Management Console.
- Navigate to the VPC dashboard.
- Click on "Create VPC".
- Specify the details such as VPC name, IPv4 CIDR block, and the region where you want to create the VPC.
- Repeat the above steps to create another VPC in a different region.

2. Create Subnets:

- Within each VPC, create subnets in different Availability Zones (AZs) to ensure high availability.
- Associate each subnet with the respective VPC.

3. Internet Gateway (IGW):

- Attach an Internet Gateway to each VPC to enable internet access.
- Update the route tables of the subnets to route traffic to the Internet Gateway.

4. Create VPC Peering Connection:

- Navigate to the VPC dashboard.
- Click on "Peering Connections" and then "Create Peering Connection".
- Select the first VPC as the requester and the second VPC as the accepter.
- Update the route tables of both VPCs to allow traffic to flow through the peering connection.

5. Update Security Groups and Network Access Control Lists (NACLs):

- Update security groups and NACLs to allow traffic between the peered VPCs as per your requirements.

6. Testing:

- Test the connectivity between instances in the two VPCs to ensure the peering connection is working correctly.

Create vpc in 1st region

And IPv4 CIDR 17.0.0.0/16

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.
samba-vpc1

IPv4 CIDR block: [Info](#)
 IPv4 CIDR manual input IPAM-allocated IPv4 CIDR block
IPv4 CIDR: 17.0.0.0/16

IPv6 CIDR block: [Info](#)
 No IPv6 CIDR block IPAM-allocated IPv6 CIDR block

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23:17 17-04-2024 ENG

CLICK ON create vpc

IPV4 CIDR: 17.0.0.0/16

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
<input type="text"/> Name	<input type="text"/> samba-vpc1

Add tag
You can add 49 more tags

Cancel **Create VPC**

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successfully created vpc

The screenshot shows the AWS VPC console interface. A success message at the top states "You successfully created vpc-0eb5c62eae8a76a9 / samba-vpc1". The main panel displays the details of the newly created VPC, including its ID (vpc-0eb5c62eae8a76a9), state (Available), and various network settings like Route tables, Internet gateways, and DHCP options. Below the details, there are tabs for "Resource map", "CIDRs", "Flow logs", "Tags", and "Integrations". The "Resource map" tab is selected, showing a blank area for visualizing resources.

create subnet

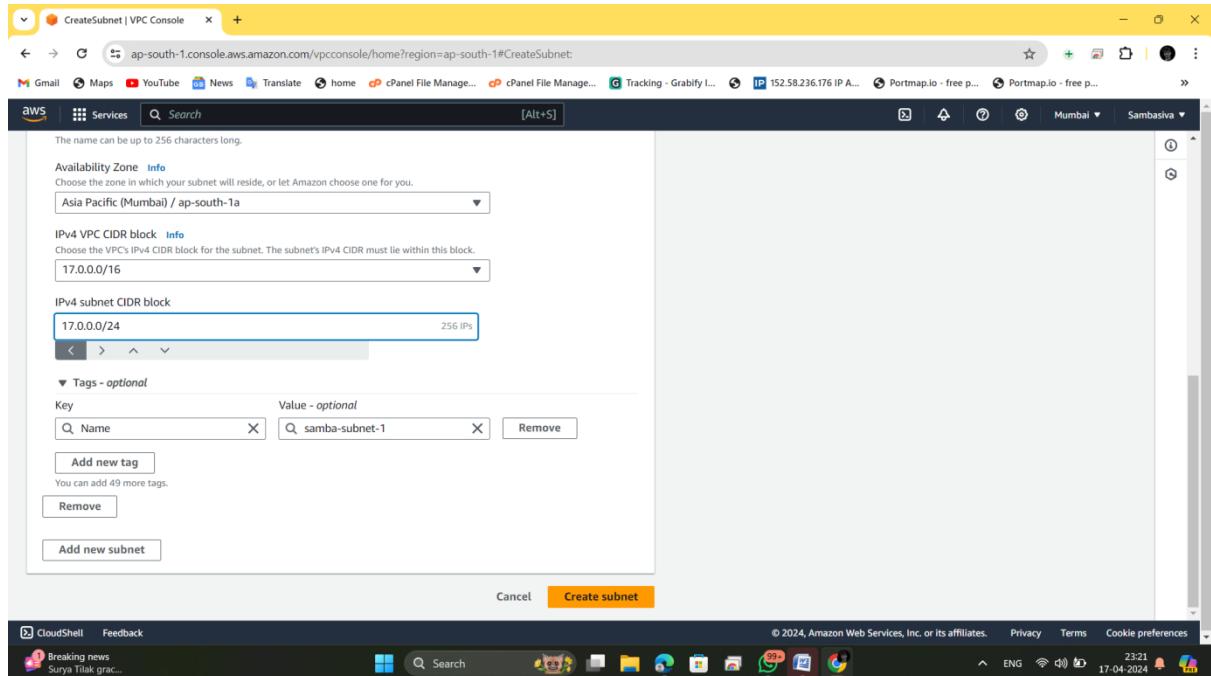
The screenshot shows the "Create subnet" wizard in the AWS VPC console. In the "VPC" section, the user has selected the VPC "vpc-0eb5c62eae8a76a9 (samba-vpc1)". In the "Subnet settings" section, the user has specified a "Subnet name" as "samba-subnet-1". The wizard is currently on "Step 1 of 1". The bottom of the screen shows the standard AWS navigation bar with links for CloudShell, Feedback, and various services.

subnet name and zone select

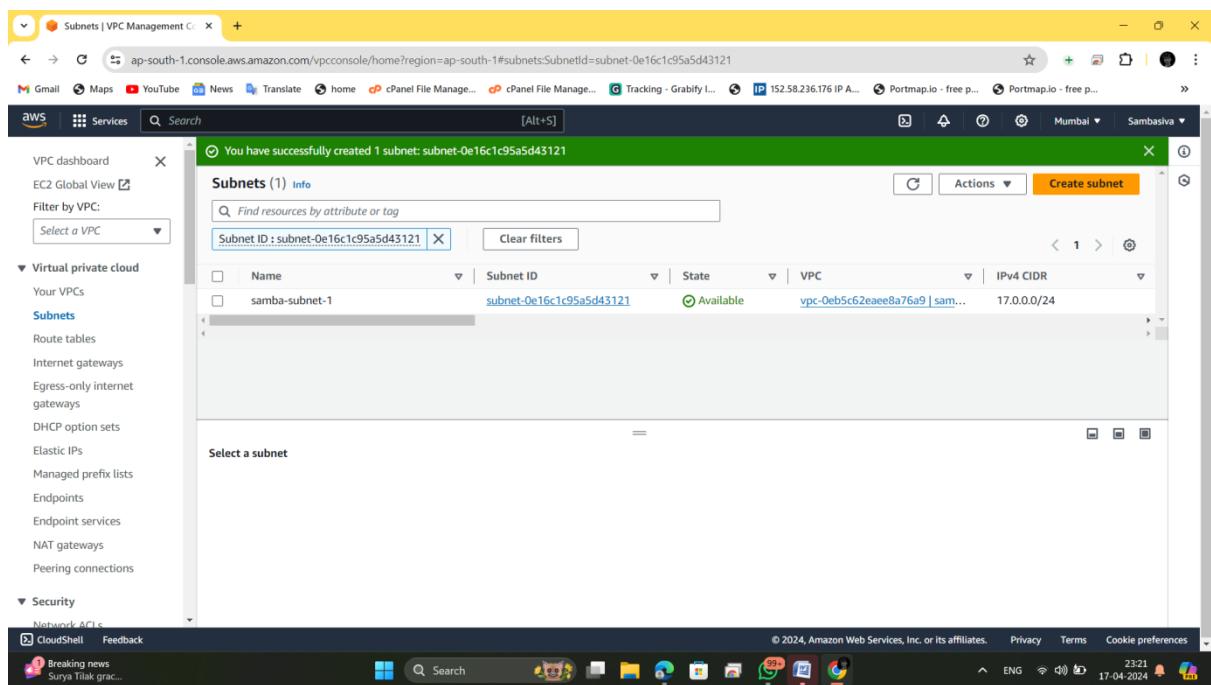
The screenshot shows the 'CreateSubnet' page in the AWS VPC Console. The 'Subnet name' field contains 'samba-subnet-1'. The 'Availability Zone' dropdown is set to 'Asia Pacific (Mumbai) / ap-south-1a'. A table lists three availability zones: ap-south-1a (selected), ap-south-1b, and ap-south-1c. Under 'Tags - optional', a single tag 'Name' is added with value 'samba-subnet-1'. The page includes standard AWS navigation and status bars at the top and bottom.

IPv4 VPC CIDR block 17.0.0.0/16

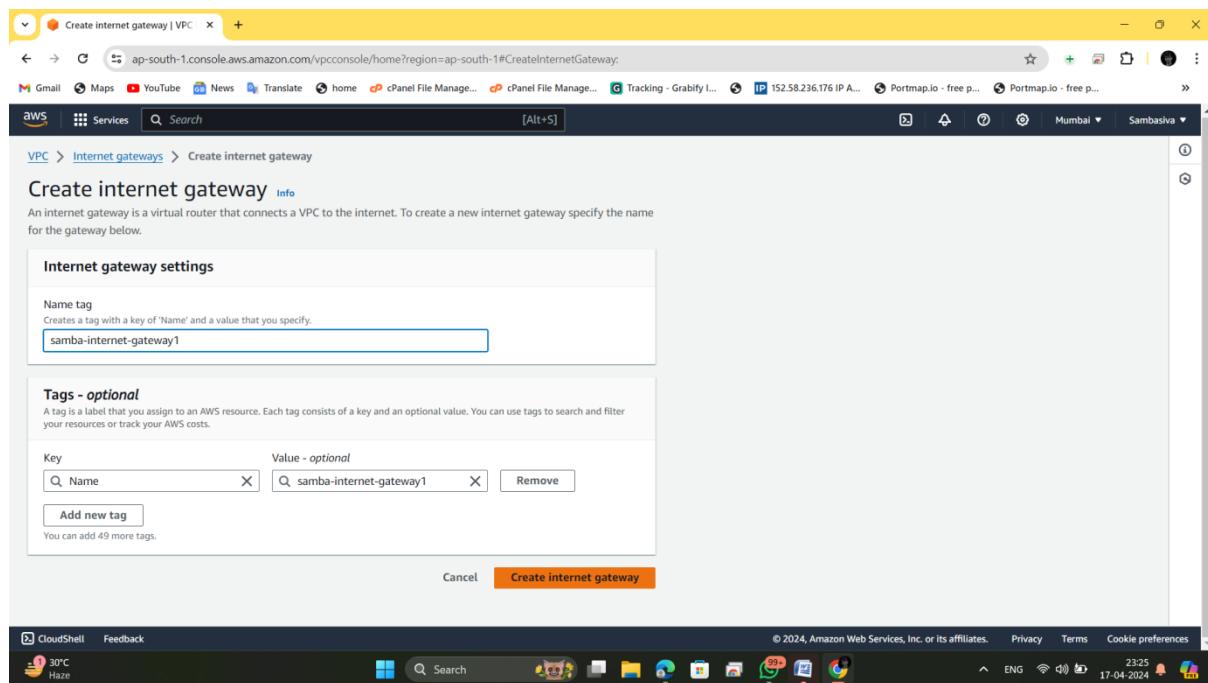
IPv4 subnet CIDR block 17.0.0.0/24



Next click on create subnet and successfully create 1 subnet

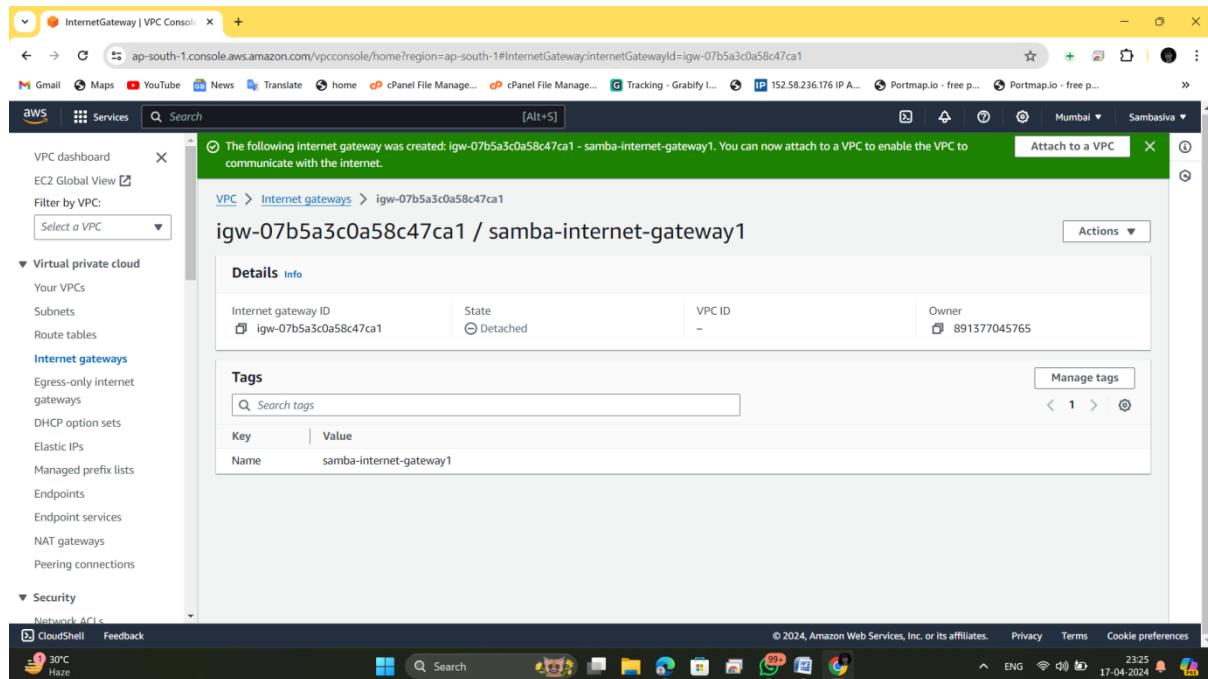


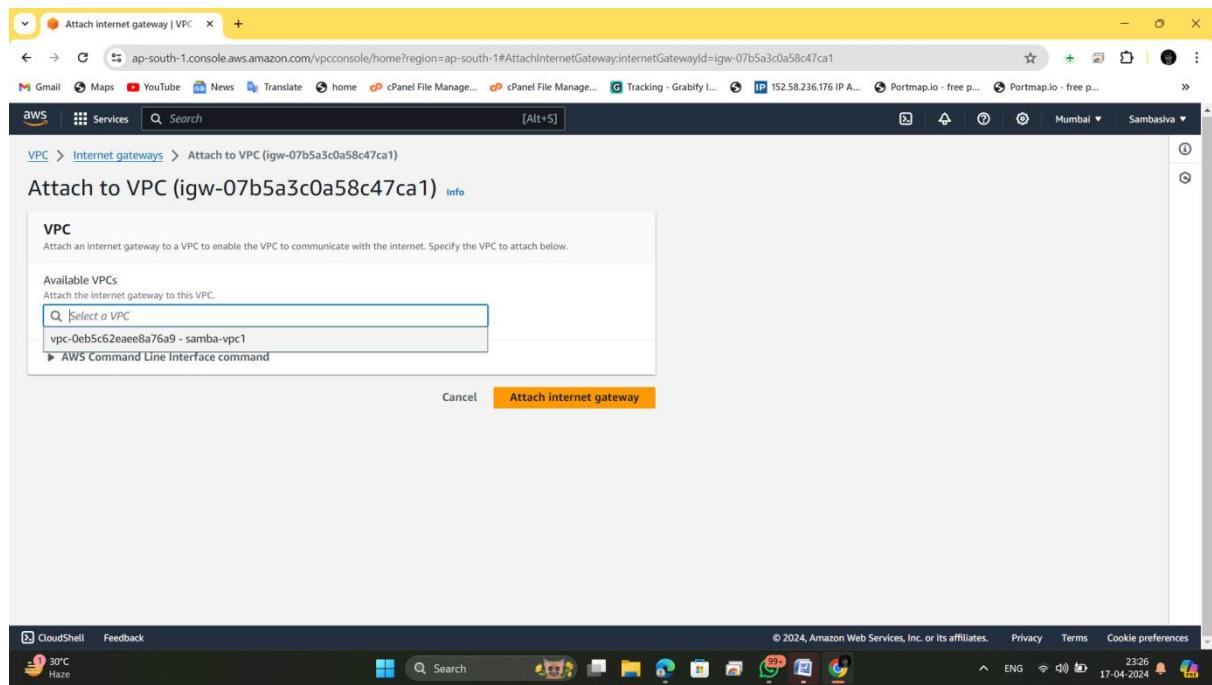
Create internet gateway



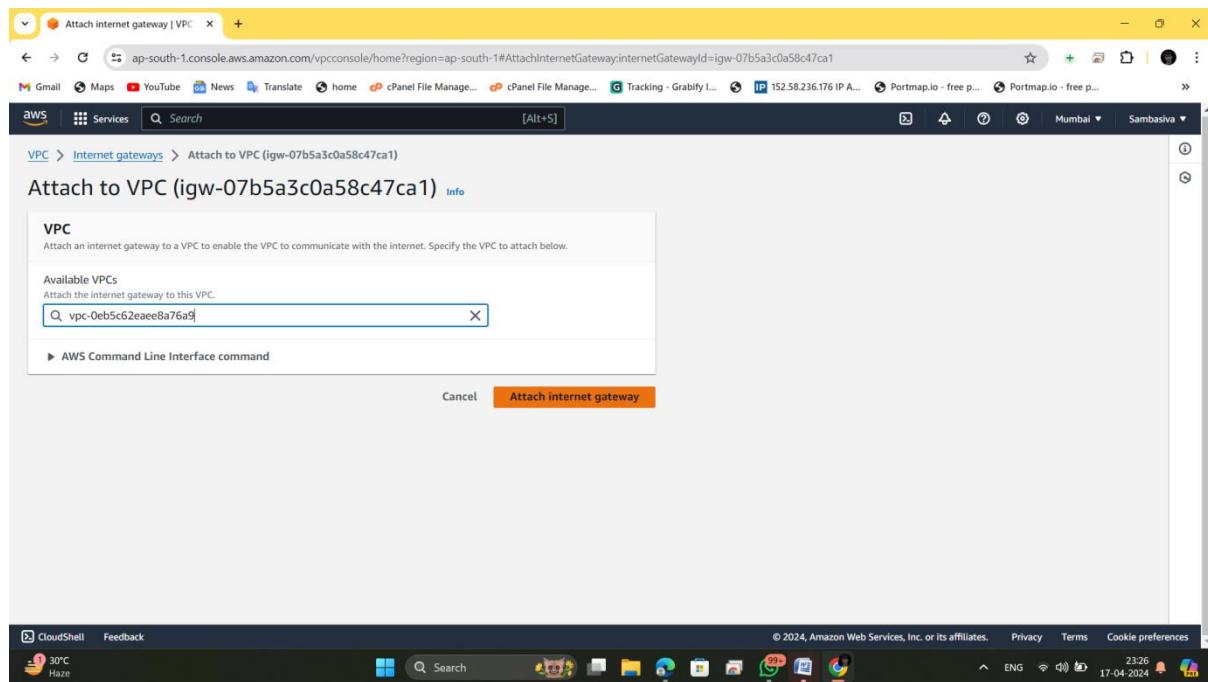
Click on create internet gateway

Complete create and Attach to a vpc

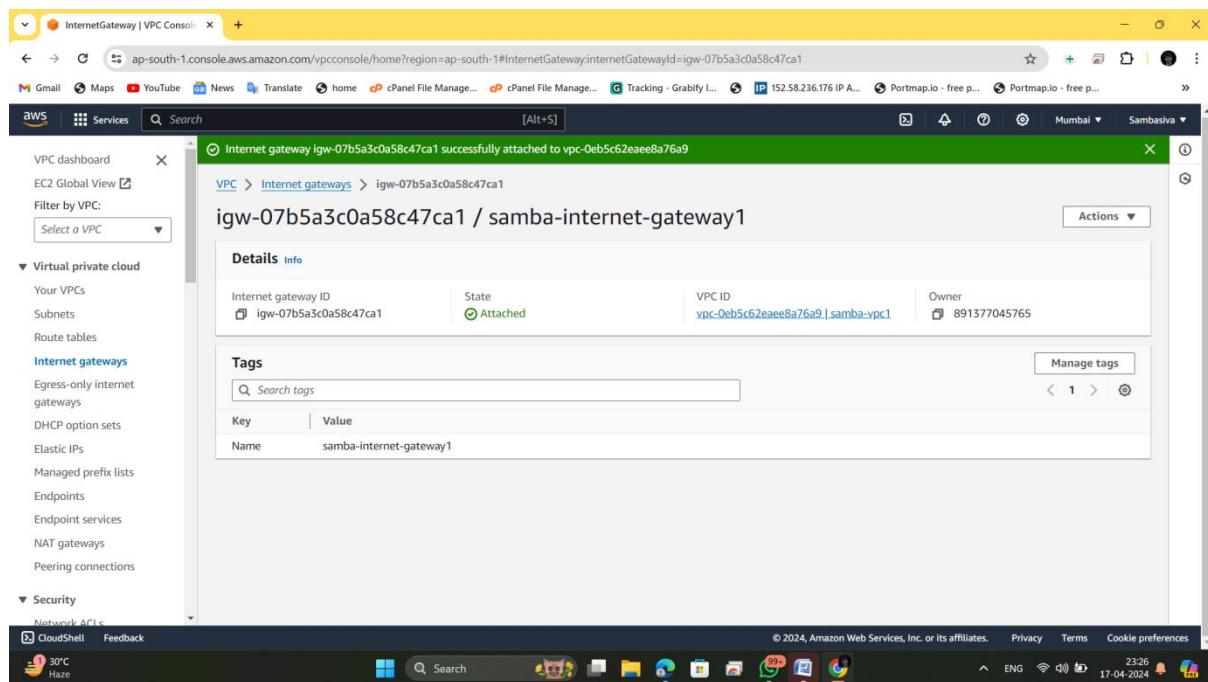




Attach to vpc and click on attach internet gateway



Internet gateway successfully attached



Create route an route table

Route tables (1) Info

Name	Route table ID	Explicit subnet associations	Main	VPC
-	rtb-0660da462c6adc43e	-	Yes	vpc-0eb5c62eae8a76a9

Select a route table

Set a route table name & vpc name & click on create route table button

Create route table Info

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Route table settings

Name - optional
Create a tag with a key of 'Name' and a value that you specify.
samba-route-table-1

VPC
The VPC to use for this route table.
vpc-0eb5c62eae8a76a9 (samba-vpc1)

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	Q samba-route-table-1

Add new tag
You can add 49 more tags.

Cancel Create route table

Successfully created on route table

The screenshot shows the AWS VPC Console with the URL ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#RouteTableDetails:RouteTableId=rtb-0ebca626e564bc9c6. The main content area displays a success message: "Route table rtb-0ebca626e564bc9c6 | samba-route-table-1 was created successfully." Below this, the route table details are shown, including its ID (rtb-0ebca626e564bc9c6), association with VPC vpc-0ebca626e564bc9c6, and owner ID 891377045765. The "Actions" menu is open, showing options like "Set main route table", "Edit subnet associations", and "Edit edge associations". The "Routes" tab is selected, showing one route entry: Destination 17.0.0.0/16, Target local, Status Active, and Propagated No. The left sidebar shows the navigation path: VPC > Route tables > rtb-0ebca626e564bc9c6 / samba-route-table-1.

The screenshot shows the "EditRouteTableSubnetAssociations" dialog box from the AWS VPC Console. The URL is ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1>EditRouteTableSubnetAssociations:RouteTableId=rtb-0ebca626e564bc9c6. The dialog title is "Edit subnet associations". It asks to "Change which subnets are associated with this route table." Below this, there's a table titled "Available subnets (1/1)" showing one subnet: samba-subnet-1 (subnet-0e1c1c95a5d43121, 17.0.0.0/24, Main route table). In the "Selected subnets" section, the same subnet is listed with a delete icon. At the bottom right are "Cancel" and "Save associations" buttons. The status bar at the bottom indicates it's 23:41 on 17-04-2024.

RouteTableDetails | VPC Console

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#RouteTableDetails:RouteTableId=rtb-0ebca626e564bc9c6

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VPC Services Search [Alt+S]

You have successfully updated subnet associations for rtb-0ebca626e564bc9c6 / samba-route-table-1.

VPC > Route tables > rtb-0ebca626e564bc9c6 / samba-route-table-1

rtb-0ebca626e564bc9c6 / samba-route-table-1

Actions

Details Info

Route table ID rtb-0ebca626e564bc9c6	Main No	Explicit subnet associations subnet-0e16c1c95a5d43121 / samba-subnet-1	Edge associations -
VPC vpc-0eb5c62eaee8a76a9 samba-vpc1	Owner ID 891377045765		

Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Destination	Target	Status	Propagated
17.0.0.0/16	local	Active	No

Both Edit routes

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EditRoutes | VPC Console

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-0ebca626e564bc9c6

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VPC Services Search [Alt+S]

VPC > Route tables > rtb-0ebca626e564bc9c6 > Edit routes

Edit routes

Destination	Target	Status	Propagated
17.0.0.0/16	local	Active	No

Add route Cancel Preview Save changes

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EditRoutes | VPC Console

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-0ebca626e564bc9c6

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Services Search [Alt+S]

VPC > Route tables > rtb-0ebca626e564bc9c6 > Edit routes

Edit routes

Destination	Target	Status	Propagated
17.0.0.0/16	local	Active	No
0.0.0.0/0	Internet Gateway	-	No
	igw-	-	
	igw-07b5a3c0a58c47ca1 (samba-internet-gateway1)	-	

Add route Remove Cancel Preview Save changes

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RouteTableDetails | VPC Console

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#RouteTableDetails:RouteTableId=rtb-0ebca626e564bc9c6

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Services Search [Alt+S]

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

Updated routes for rtb-0ebca626e564bc9c6 / samba-route-table-1 successfully

rtb-0ebca626e564bc9c6 / samba-route-table-1 Actions

Details Info

Route table ID	rtb-0ebca626e564bc9c6	Main	No
VPC	vpc-0eb5c62eaee8a76a9 samba-vpc1	Owner ID	891377045765
Explicit subnet associations subnet-0e16c1c95a5d43121 / samba-subnet-1			
Edge associations -			

Routes Subnet associations Edge associations Route propagation Tags

Routes (2)

Destination	Target	Status	Propagated
0.0.0.0/0	igw-07b5a3c0a58c47ca1	Active	No
17.0.0.0/16	local	Active	No

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Home | EC2 | ap-south-1

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

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EC2 Dashboard

EC2 Global View Events

Instances

- Instances
- Instance Types
- Launch Templates
- Spot Requests
- Savings Plans
- Reserved Instances
- Dedicated Hosts
- Capacity
- Reservations [New](#)

Images

- AMIs
- AMI Catalog

Elastic Block Store

- Volumes
- Snapshots

Resources

You are using the following Amazon EC2 resources in the Asia Pacific (Mumbai) Region:

Instances (running)	0	Auto Scaling Groups	0	Dedicated Hosts	0
Elastic IPs	1	Instances	0	Key pairs	13
Load balancers	0	Placement groups	0	Security groups	1
Snapshots	0	Volumes	1		

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Service health

AWS Health Dashboard

Region: Asia Pacific (Mumbai)
Status: This service is operating normally.

Zones

EC2 Free Tier [Info](#)

Offers for all AWS Regions.

2 EC2 free tier offers in use

End of month forecast
⚠ 0 offers forecasted to exceed free tier limit.

Exceeds free tier
⚠ 0 offers exceeded and is now pay-as-you-go pricing.

[View Global EC2 resources](#)

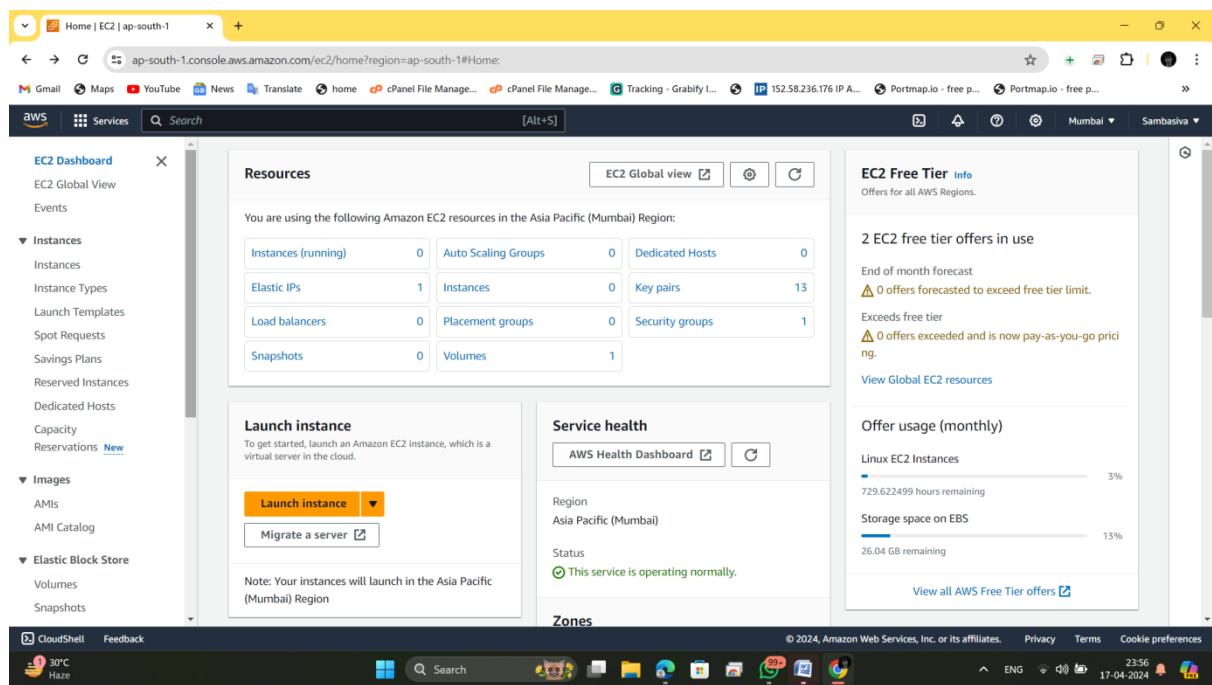
Offer usage (monthly)

Linux EC2 Instances: 3%
729.622499 hours remaining

Storage space on EBS: 15%
26.04 GB remaining

[View all AWS Free Tier offers](#)

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The screenshot shows the AWS EC2 Instances page. The left sidebar is collapsed. The main content area displays a table with the following columns: Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IPv4 DNS. A search bar at the top allows filtering by instance attribute or tag. A message at the bottom states: "No instances You do not have any instances in this region". A "Launch instances" button is located below the table. A modal window titled "Select an instance" is open, containing the text "Select an instance". The bottom navigation bar includes CloudShell, Feedback, and various system icons.

The screenshot shows the "Launch an instance" wizard. The left sidebar shows the path: EC2 > Instances > Launch an instance. The main content area has several sections: "Name and tags" (with a "samba instance1" input field), "Application and OS Images (Amazon Machine Image)" (with a search bar and a note about free tier), "Quick Start" (with a "Launch instance" button), and a "Summary" section on the right. The summary section includes fields for Number of instances (set to 1), Software Image (AMI) (Amazon Linux 2023 AMI 2023.4.2...), Virtual server type (instance type) (t2.micro), Firewall (security group) (New security group), and Storage (volumes) (1 volume(s) - 8 GiB). A tooltip for the free tier is visible, stating: "Free tier: In your first year includes 750 hours of t2.micro (or t4.micro) in the Regions in which you launch instances." The bottom navigation bar includes CloudShell, Feedback, and various system icons.

Launch an instance | EC2 | ap-south-1

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

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aws Services Search [Alt+S]

Create key pair

Key pair name: samba03

Key pair type: RSA (selected)

Private key file format: .pem (selected)

When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. Learn more

Cancel Create key pair

Network settings

Network: vpc-0eb5c62eae8a76a9 | samba-vpc1

Subnet: subnet-0e16c1c95a5d43121 | samba-subnet-1

Auto-assign public IP: Info

Disable

Firewall (security groups): Info

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Launch an instance | EC2 | ap-south-1

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

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aws Services Search [Alt+S]

Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - required: samba03

Network settings Info

Network: vpc-0eb5c62eae8a76a9 | samba-vpc1

Subnet: Info

subnet-0e16c1c95a5d43121 | samba-subnet-1

Auto-assign public IP: Info

Disable

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.

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Launch an instance | EC2 | ap-s

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

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Services Search [Alt+S]

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - required samba03 Create new key pair

▼ Network settings Info Edit

Network info
vpc-0eb5c62eae8a76a9 | samba-vpc1

Subnet info
subnet-0e16c1c95a5d43121 | samba-subnet-1

Auto-assign public IP Info

Disable

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

We'll create a new security group called 'launch-wizard-1' with the following rules:

Allow SSH traffic from Anywhere

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Summary

Number of instances Info 1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.4.2...read more
ami-09298640a92b2d12c

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

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

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

Cancel Launch instance Review commands

Launch an instance | EC2 | ap-s

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

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Services Search [Alt+S]

▼ Network settings Info

VPC - required Info
vpc-0eb5c62eae8a76a9 (samba-vpc1) 17.0.0.0/16

Subnet Info
subnet-0e16c1c95a5d43121 samba-subnet-1
VPC: vpc-0eb5c62eae8a76a9 Owner: 891377045765 Availability Zone: ap-south-1a IP addresses available: 251 CIDR: 17.0.0.0/24

Create new subnet

Auto-assign public IP Info
Enable

Additional charges apply when outside of free tier allowance

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 _-:/@!#\$%^&_

Description - required Info

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Summary

Number of instances Info 1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.4.2...read more
ami-09298640a92b2d12c

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

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

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

Cancel Launch instance Review commands

The screenshot shows a browser window with the URL ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances. The page is titled "Launch an Instance | EC2 | ap-south-1". The main content area displays a green success message: "Successfully initiated launch of instance (i-0c10582b285f7a5dd)". Below this, there is a link to "Launch log". A "Next Steps" section follows, containing six items with links: "Create billing and free tier usage alerts", "Connect to your instance", "Connect an RDS database", "Create EBS snapshot policy", "Create alarm", and "Create backup". The bottom of the page includes standard AWS navigation links like CloudShell, Feedback, and various service icons, along with a footer with copyright information and user profile details.

Instances | EC2 | ap-south-1

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

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aws Services Search [Alt+S]

EC2 Dashboard EC2 Global View Events

Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations New

Images AMIs AMI Catalog

Elastic Block Store Volumes Snapshots

CloudShell Feedback 30°C Haze

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Instances (1) Info

Find Instance by attribute or tag (case-sensitive)

Instance state = running

Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
samba instance1	i-0c10582b285f7a5dd	Running	t2.micro	Initializing	View alarms +	ap-south-1a	-

Select an instance

© X

Instance details | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#InstanceDetails:instanceId=i-0c10582b285f7a5dd

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aws Services Search [Alt+S]

EC2 Dashboard EC2 Global View Events

Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations New

Images AMIs AMI Catalog

Elastic Block Store Volumes Snapshots

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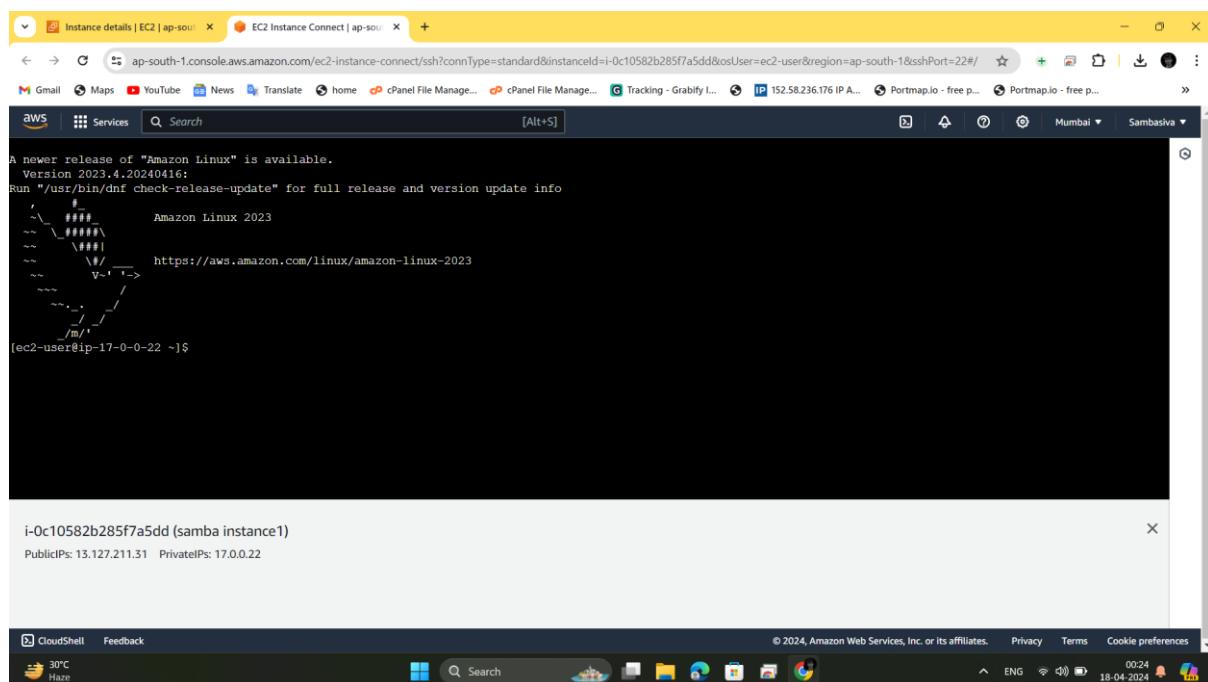
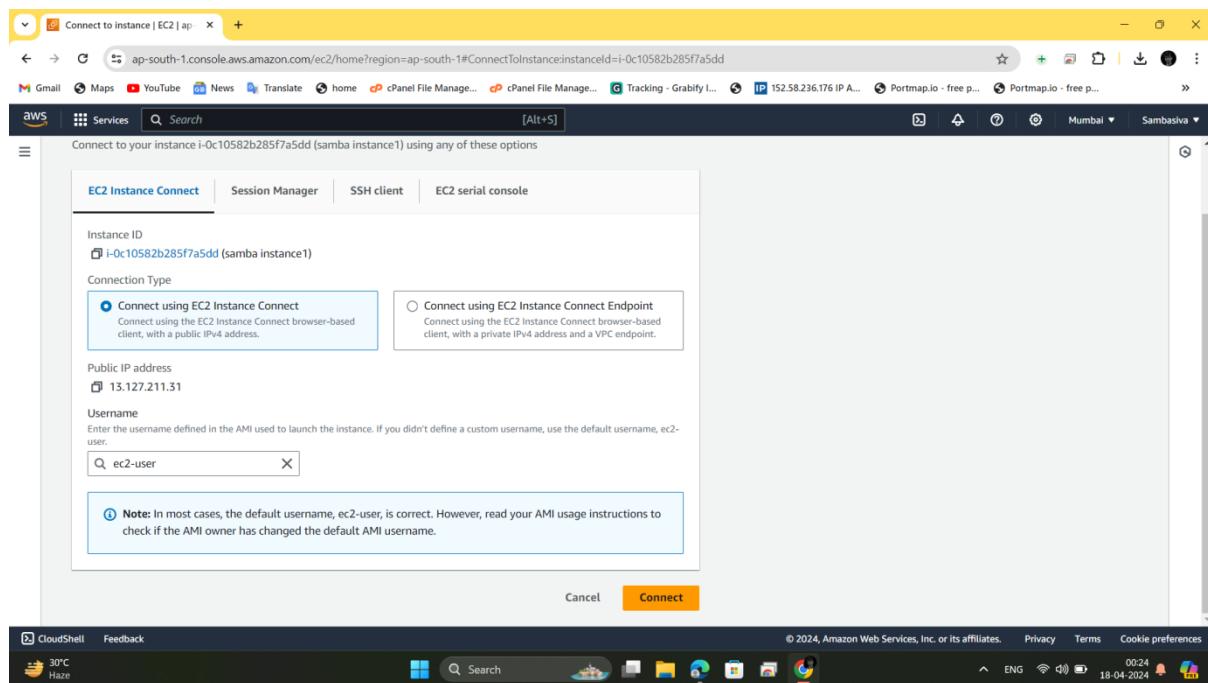
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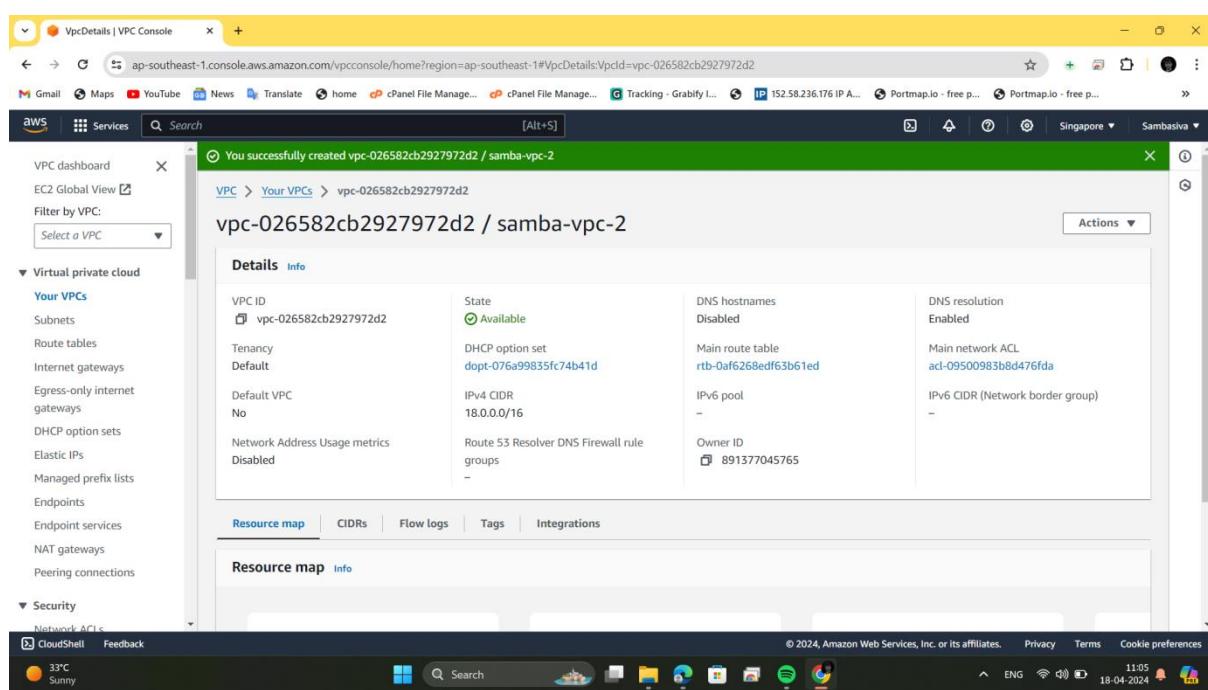
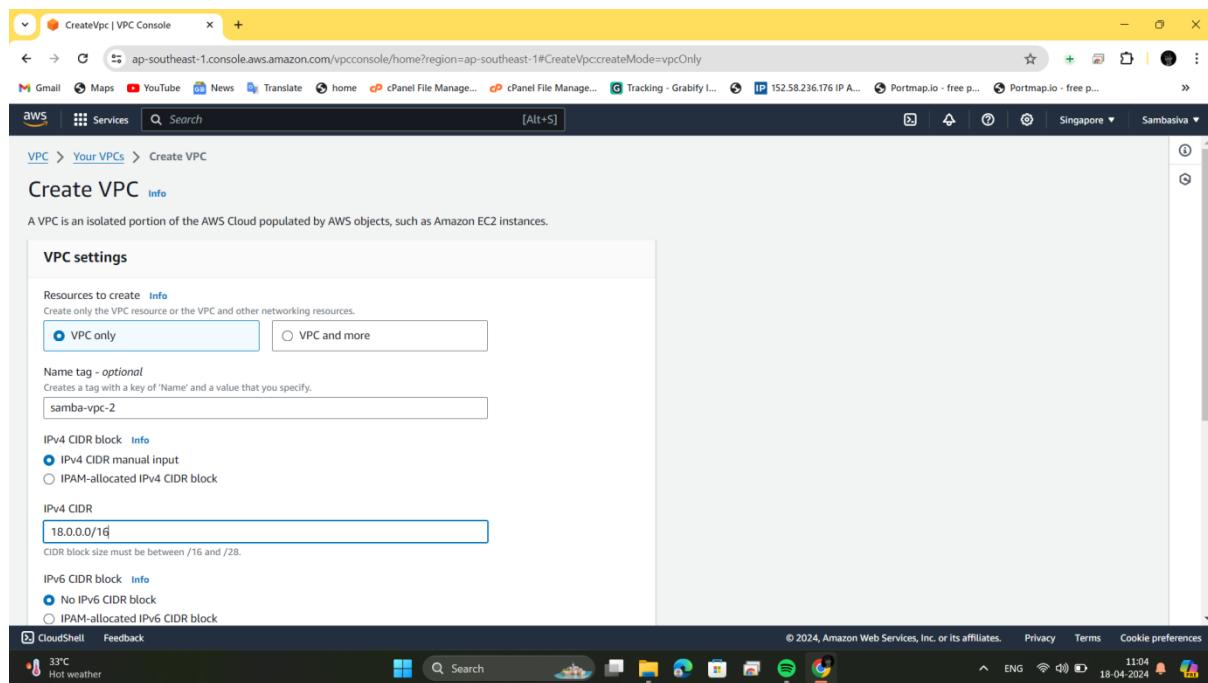
EC2 > Instances > i-0c10582b285f7a5dd (samba instance1) Info

Updated less than a minute ago

Instance ID i-0c10582b285f7a5dd (samba instance1)	Public IPv4 address 13.127.211.31 [open address]	Private IPv4 addresses 17.0.22
IPv6 address -	Instance state Running	Public IPv4 DNS -
Hostname type IP name: ip-17-0-0-22.ap-south-1.compute.internal	Private IP DNS name (IPv4 only) ip-17-0-0-22.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 13.127.211.31 [Public IP]	VPC ID vpc-0eb5c62eae8a76a9 (samba-vpc)	Learn more
IAM Role -	Subnet ID subnet-0e16c1c95a5d43121 (samba-subnet-1)	Auto Scaling Group name -
IMDSv2 Required		

Details Status and alarms New Monitoring Security Networking Storage Tags





subnets | VPC Console

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#subnets:

Gmail Maps YouTube News Translate home cPanel File Manage... cPanel File Manage... Tracking - Grabify IP 152.58.236.176 Portmap.io - free p... Portmap.io - free p... Portmap.io - free p...

AWS Services Search [Alt+S]

You successfully created **vpc-026582cb2927972d2 / samba-vpc-2**

Subnets Info

Find resources by attribute or tag

Name	Subnet ID	State	VPC	IPv4 CIDR
No subnet found				

Select a subnet

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33°C Sunny 11:05 18-04-2024 ENG

This screenshot shows the AWS VPC Subnets page. A success message at the top indicates a new subnet has been created. The main table is currently empty, showing 'No subnet found'. On the left sidebar, the 'Subnets' option under 'Virtual private cloud' is selected. The bottom status bar shows the date and time as 18-04-2024, 11:05, and the weather as 33°C, Sunny.

CreateSubnet | VPC Console

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#CreateSubnet:

Gmail Maps YouTube News Translate home cPanel File Manage... cPanel File Manage... Tracking - Grabify IP 152.58.236.176 Portmap.io - free p... Portmap.io - free p... Portmap.io - free p...

AWS Services Search [Alt+S]

VPC > Subnets > Create subnet

Create subnet Info

VPC

VPC ID

Create subnets in this VPC.

Select a VPC

vpc-026582cb2927972d2 (samba-vpc-2)
18.0.0.0/16

Specify the CIDR blocks and Availability Zone for the subnet.

Select a VPC first to create new subnets.

Add new subnet

Cancel Create subnet

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33°C Sunny 11:07 18-04-2024 ENG

This screenshot shows the 'Create subnet' wizard. It's on the 'VPC' step, where the user is prompted to select a VPC. The 'vpc-026582cb2927972d2 (samba-vpc-2)' option is selected. Below this, there's a note about specifying CIDR blocks and Availability Zones. The bottom status bar shows the date and time as 18-04-2024, 11:07, and the weather as 33°C, Sunny.

CreateSubnet | VPC Console

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#CreateSubnet:

Gmail Maps YouTube News Translate home cPanel File Manager... cPanel File Manager... Tracking - Grabify!... IP 152.58.236.176 IP A... Portmap.io - free p... Portmap.io - free p... Singapore Sambasiva

VPC Services Search [Alt+S]

VPC > Subnets > Create subnet

Create subnet Info

VPC

VPC ID
Create subnets in this VPC.
vpc-026582cb2927972d2 (samba-vpc-2)

Associated VPC CIDRs
IPv4 CIDRs
18.0.0.0/16

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

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CreateSubnet | VPC Console

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#CreateSubnet:

Gmail Maps YouTube News Translate home cPanel File Manager... cPanel File Manager... Tracking - Grabify!... IP 152.58.236.176 IP A... Portmap.io - free p... Portmap.io - free p... Singapore Sambasiva

VPC Services Search [Alt+S]

Subnet 1 of 1

Subnet name
Create a tag with a key of 'Name' and a value that you specify.
samba-subnet-2

The name can be up to 256 characters long.

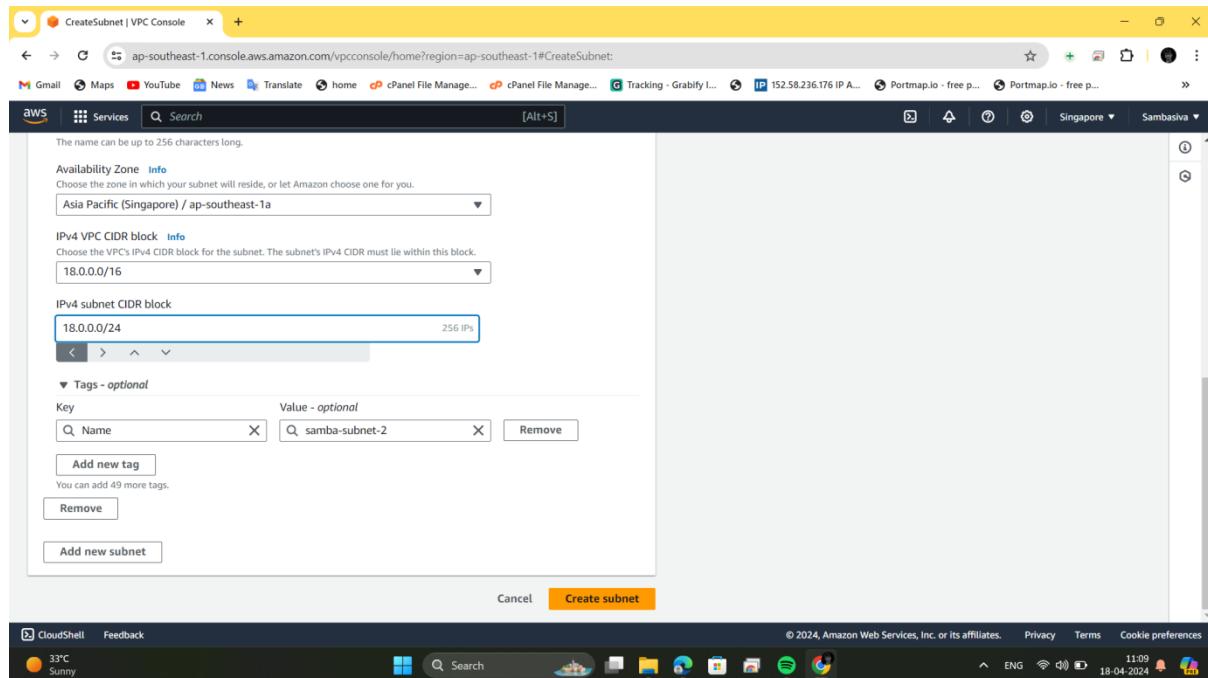
Availability Zone Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
Asia Pacific (Singapore) / ap-southeast-1a

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.
18.0.0.0/16

IPv4 subnet CIDR block
18.0.0.0/24 256 IPs

Tags - optional
Key Value - optional
Name samba-subnet-2 Remove Add new tag You can add 49 more tags.

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Subnets | VPC Management

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#subnets:SubnetId=subnet-0efe74f06dec593ff

Gmail Maps YouTube News Translate home cPanel File Manager... Tracking - Grabify I... IP 152.58.236.176 IP A... Portmap.io - free p... Portmap.io - free p...

aws Services Search [Alt+S]

You have successfully created 1 subnet: subnet-0efe74f06dec593ff

Subnets (1) Info

Find resources by attribute or tag

Subnet ID : subnet-0efe74f06dec593ff Clear filters

Name	Subnet ID	State	VPC	IPv4 CIDR
samba-subnet-2	subnet-0efe74f06dec593ff	Available	vpc-026582cb2927972d2 sam...	18.0.0.0/24

Select a subnet

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ChatGPT igws | VPC Console New Tab

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#igws:

Gmail Maps YouTube News Translate home cPanel File Manager... Tracking - Grabify I... IP 152.58.236.176 IP A... Portmap.io - free p... Portmap.io - free p...

aws Services Search [Alt+S]

Internet gateways Info

Search

Name	Internet gateway ID	State	VPC ID	Owner
No internet gateways found in this Region				

Select an internet gateway above

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Screenshot of the AWS VPC Create Internet Gateway wizard:

Internet gateway settings

Name tag: my-samba-igw-2

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
Q Name	Q my-samba-igw-2

Add new tag

You can add 49 more tags.

Cancel **Create internet gateway**

Screenshot of the AWS VPC InternetGateway | VPC Console page:

The following internet gateway was created: igw-0071d1e76cc977288 - my-samba-igw-2. You can now attach to a VPC to enable the VPC to communicate with the internet.

igw-0071d1e76cc977288 / my-samba-igw-2

Details **Info**

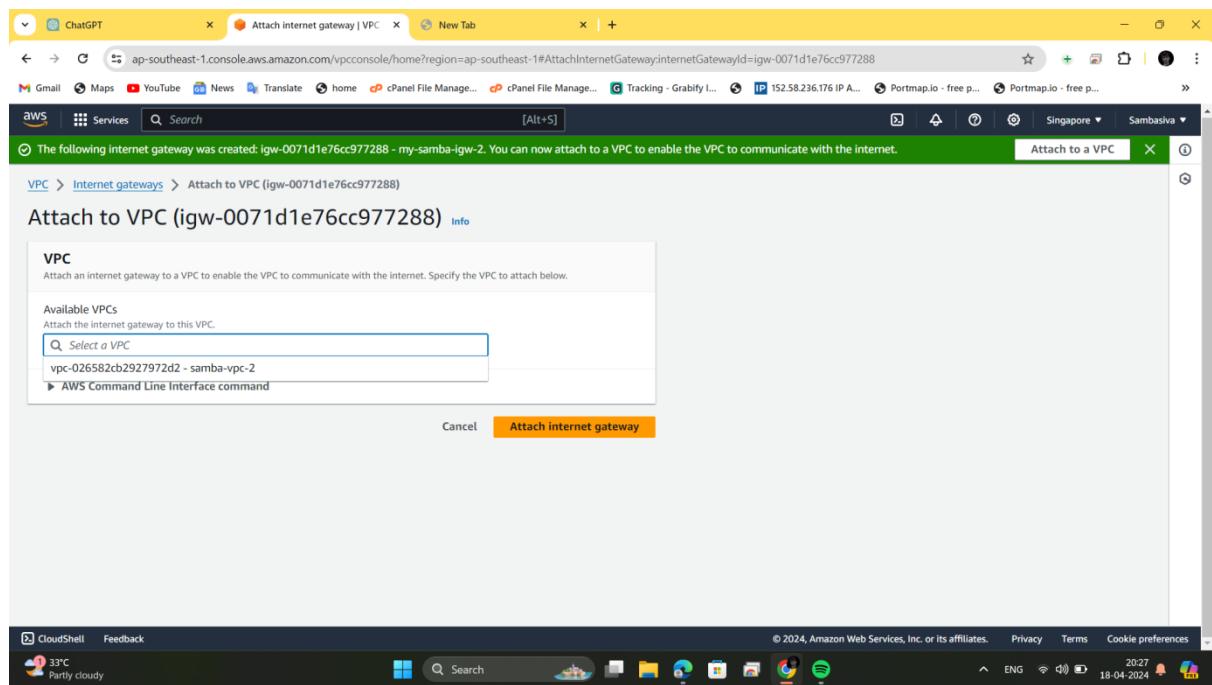
Internet gateway ID	State	VPC ID	Owner
igw-0071d1e76cc977288	Detached	-	891377045765

Tags

Key	Value
Name	my-samba-igw-2

Actions

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ChatGPT

InternetGateway | VPC Console

New Tab

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#InternetGateway

Gmail Maps YouTube News Translate home cPanel File Manager... Tracking - Grabify... IP 152.58.236.176 IP A... Portmap.io - free p... Portmap.io - free p...

aws Services Search [Alt+S]

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 33°C Partly cloudy

Internet gateway igw-0071d1e76cc977288 successfully attached to vpc-026582cb2927972d2

Notifications 0 0 0 0 0 0

VPC > Internet gateways > igw-0071d1e76cc977288

igw-0071d1e76cc977288 / my-samba-igw-2

Details info

Internet gateway ID igw-0071d1e76cc977288	State Attached	VPC ID vpc-026582cb2927972d2 samba-vpc-2	Owner 891377045765
--	-------------------	---	-----------------------

Tags

Search tags

Key	Value
Name	my-samba-igw-2

Actions

Manage tags

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This screenshot shows the AWS VPC Internet Gateway configuration page. It displays a success message: "Internet gateway igw-0071d1e76cc977288 successfully attached to vpc-026582cb2927972d2". The main table provides details about the gateway, including its ID, state (Attached), VPC ID, and owner. The "Tags" section shows a single tag named "Name" with the value "my-samba-igw-2". The navigation bar on the left lists various VPC components like Subnets, Route tables, and Internet gateways.

ChatGPT

RouteTables | VPC Console

New Tab

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#RouteTables:

Gmail Maps YouTube News Translate home cPanel File Manager... Tracking - Grabify... IP 152.58.236.176 IP A... Portmap.io - free p... Portmap.io - free p...

aws Services Search [Alt+S]

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 33°C Partly cloudy

Internet gateway igw-0071d1e76cc977288 successfully attached to vpc-026582cb2927972d2

Notifications 0 0 0 0 0 0

Route tables (1) Info

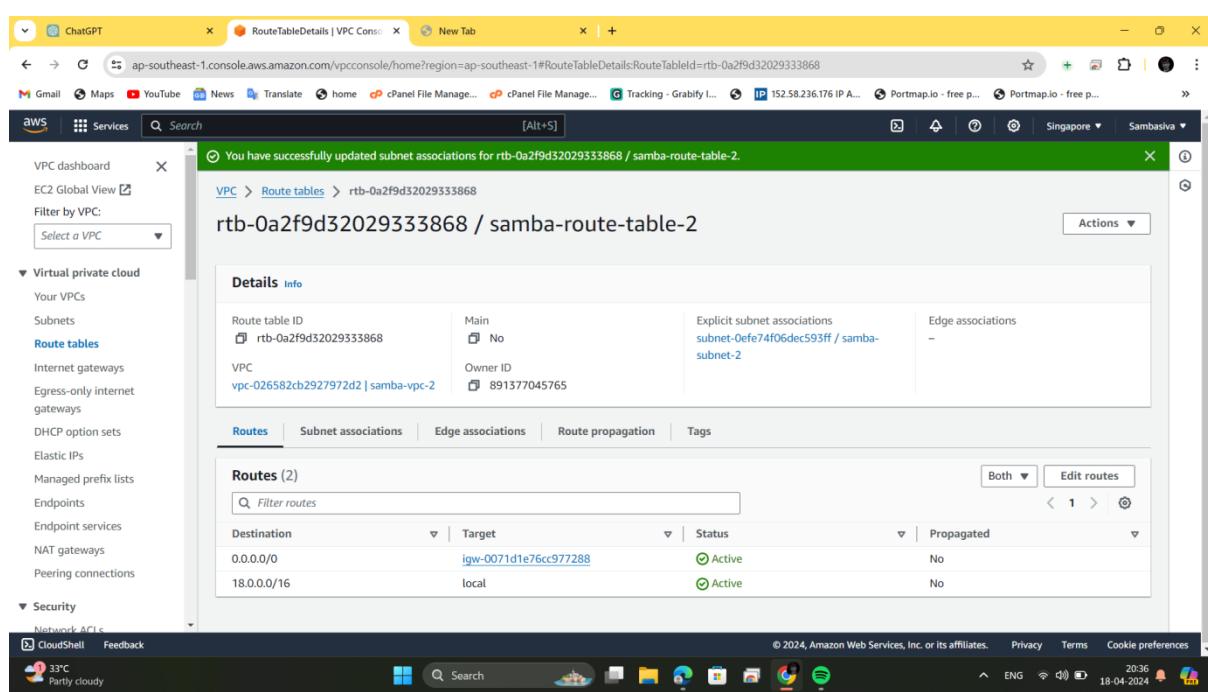
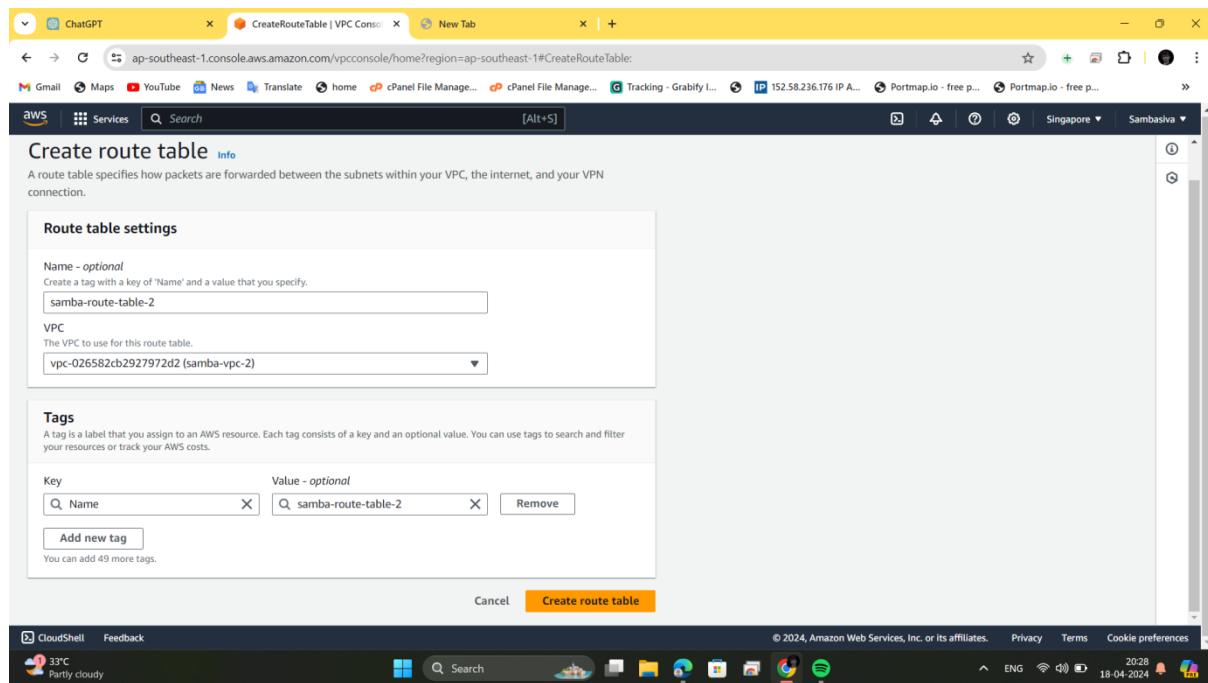
Create route table

Name	Route table ID	Explicit subnet associ...	Edge associations	Main	VPC
rtb-0af6268edf63b61ed	-	-	-	Yes	vpc-026582cb2927972d2

Select a route table

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This screenshot shows the AWS VPC Route Table configuration page. It displays a success message: "Internet gateway igw-0071d1e76cc977288 successfully attached to vpc-026582cb2927972d2". The main table lists the single route table, showing its name, ID, and association with the specified VPC. The navigation bar on the left lists various VPC components like Subnets, Route tables, and Internet gateways.



Screenshot of the AWS VPC console showing the 'Edit subnet associations' page for a route table.

The URL is ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#EditRouteTableSubnetAssociations:RouteTableId=rtb-0a2f9d32029333868.

The page displays a table of available subnets:

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
samba-subnet-2	subnet-0fe74f06dec593ff	18.0.0.0/24	-	Main (rtb-0af6268edf63b61ed)

Buttons at the bottom include 'Cancel' and 'Save associations'.

The desktop taskbar at the bottom shows various application icons and the date/time: 18-04-2024.

Screenshot of the AWS VPC console showing the 'RouteTableDetails' page for a specific route table.

The URL is ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#RouteTableDetails:RouteTableId=rtb-0a2f9d32029333868.

A success message is displayed: "You have successfully updated subnet associations for rtb-0a2f9d32029333868 / samba-route-table-2."

The page shows the following details for the route table:

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-0a2f9d32029333868	No	subnet-0fe74f06dec593ff / samba-subnet-2	-
VPC	Owner ID		
vpc-026582cb2927972d2 samba-vpc-2	891377045765		

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

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0071d1e76cc977288	Active	No
18.0.0.0/16	local	Active	No

The desktop taskbar at the bottom shows various application icons and the date/time: 18-04-2024.

Screenshot of the AWS VPC Console showing the Route Table Details page for route table ID rtb-0a2f9d32029333868. The page displays the details of the route table, including its ID, VPC, and associated routes.

Route Table Details

Details

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-0a2f9d32029333868	No	subnet-0efe74f06dec593ff / samba-subnet-2	-
VPC	Owner ID		
vpc-026582cb2927972d2 samba-vpc-2	891377045765		

Routes (2)

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0071d1e76cc977288	Active	No
18.0.0.0/16	local	Active	No

Actions

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Screenshot of the AWS VPC Console showing the Edit Routes page for route table ID rtb-0a2f9d32029333868. The page allows editing the existing routes.

Edit routes

Destination	Target	Status	Propagated
18.0.0.0/16	local	Active	No
0.0.0.0/0	Internet Gateway	Active	No

Add route

Save changes

CloudShell Feedback

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The screenshot shows the AWS VPC console with the following details:

- Route table ID:** rtb-0a2f9d32029333868
- Main:** No
- Owner ID:** 891377045765
- Explicit subnet associations:** subnet-0efe74f06dec593ff / samba-subnet-2
- Edge associations:** -

Routes (2):

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0071d1e76cc977288	Active	No

Amazon Q Preview: Hello! I'm Amazon Q, your AWS generative AI assistant.

Ask me anything about AWS services and features or choose a sample question below to start a conversation.

- Why can't I SSH to my EC2 instance?
- What is the CLI command to list all the t3.micro instances in my account?
- How can I deploy a containerized web application to AWS?

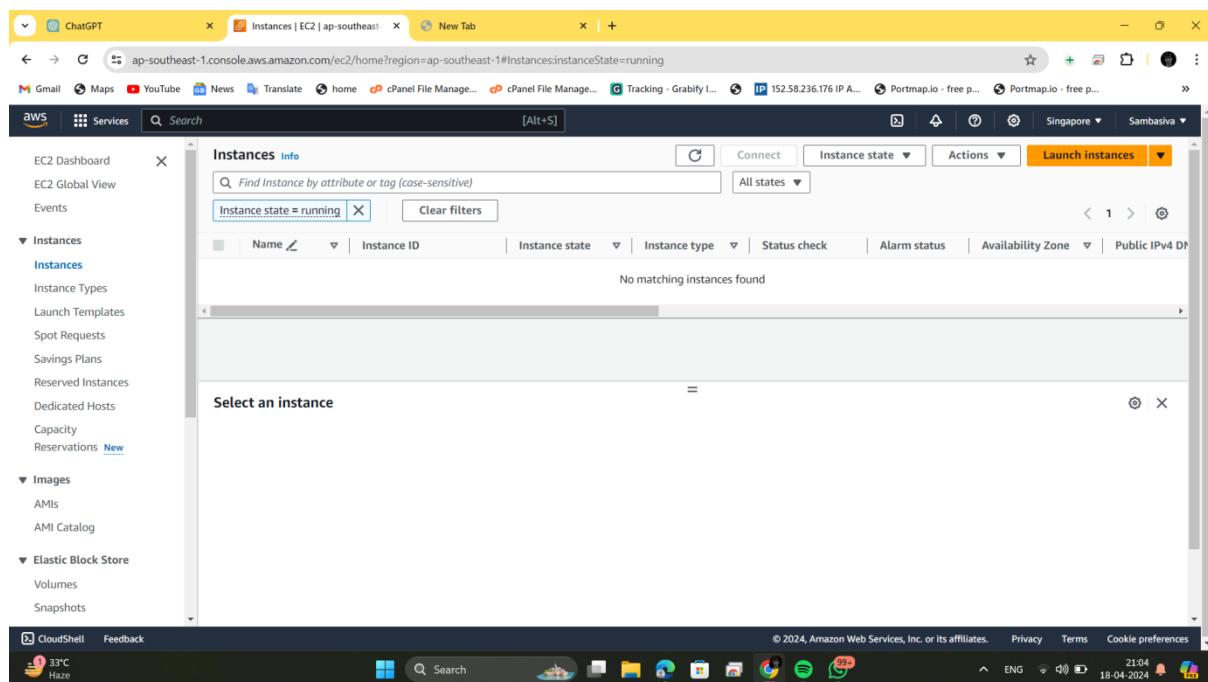
Use of Amazon Q is subject to the AWS Responsible AI Policy

The screenshot shows the AWS EC2 console with the following sections:

- Resources:** You are using the following Amazon EC2 resources in the Asia Pacific (Singapore) Region:

Instances (running)	0	Auto Scaling Groups	0
Dedicated Hosts	0	Elastic IPs	0
Instances	0	Key pairs	7
Load balancers	0	Placement groups	0
Security groups	1	Snapshots	0
Volumes	0		
- EC2 Free Tier Info:** Offers for all AWS Regions.
- 2 EC2 free tier offers in use:**
 - End of month forecast: 0 offers forecasted to exceed free tier limit.
 - Exceeds free tier: 0 offers exceeded and is now pay-as-you-go pricing.
- Offer usage (monthly):**
 - Linux EC2 Instances: 729.622499 hours remaining (3%)
 - Storage space on EBS: 26.04 GB remaining (13%)
- Amazon Q Preview:** Ask me anything about AWS

Use of Amazon Q is subject to the AWS Responsible AI Policy



Name and tags

Name: instance2

Application and OS Images (Amazon Machine Image)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below.

Search our full catalog including 1000s of application and OS images

Quick Start

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Create key pair

Key pair name: samba004

Key pair type:

RSA RSA encrypted private and public key pair

ED25519 ED25519 encrypted private and public key pair

Private key file format:

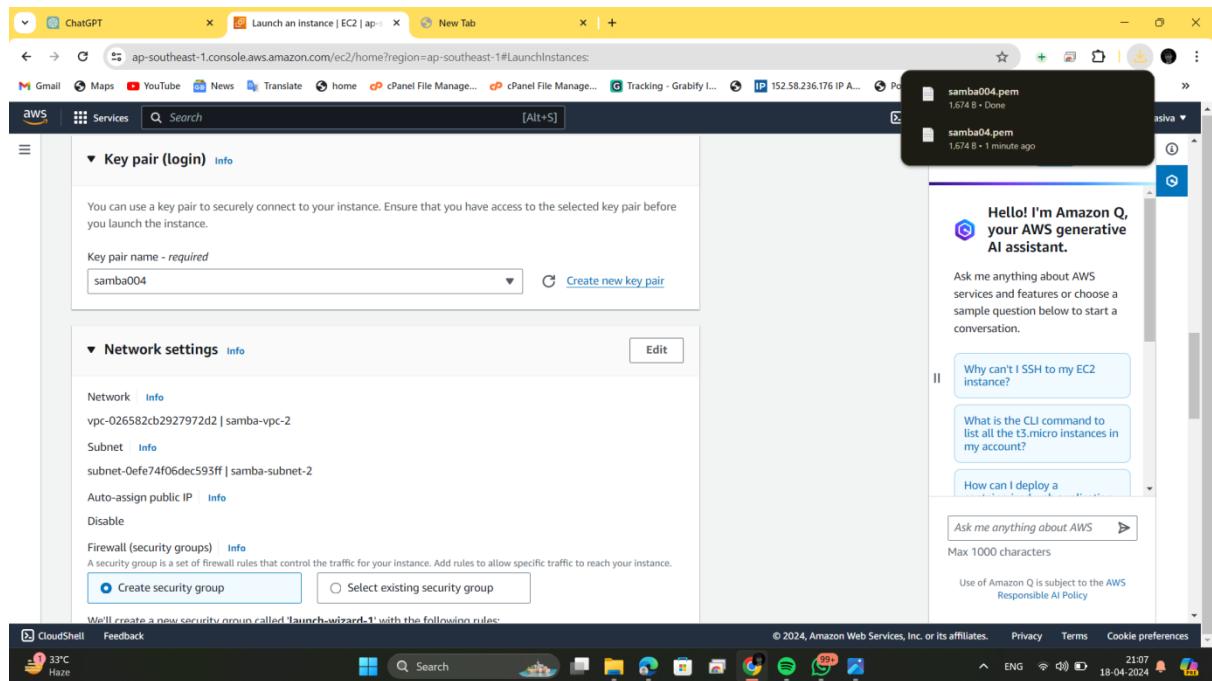
.pem For use with OpenSSH

.ppk For use with PuTTY

⚠ When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. [Learn more](#)

Cancel Create key pair

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The screenshot shows the AWS CloudShell interface with a browser window open to the EC2 Launch Instances wizard. The user is configuring network settings for a new instance. Key fields include:

- VPC - required**: Set to "vpc-026582cb2927972d2 (samba-vpc-2)"
- Subnet**: Set to "subnet-0ef74f06dec593ff" (samba-subnet-2)
- Auto-assign public IP**: Set to "Enable"
- Firewall (security groups)**: Set to "Create security group". A note indicates: "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."
- Security group name - required**: Set to "launch-wizard-1". A note indicates: "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 _/-[@!]+;{}\$."

The right side of the screen features the Amazon Q AI assistant, which is currently inactive. The status bar at the bottom shows the date as 18-04-2024 and the time as 21:07.

The screenshot shows the AWS CloudShell interface with a browser window open to the EC2 Launch Instances wizard. The user has reached the "Advanced details" step, specifically the "Summary" section. Key details shown are:

- Number of instances**: Set to "1"
- Software Image (AMI)**: Set to "Amazon Linux 2023 AMI 2023.4.2...read more" (ami-0dc44e17251b74325)
- Virtual server type (instance type)**: Set to "t2.micro"
- Firewall (security group)**: Set to "New security group"
- Storage (volumes)**: Set to "1 volume(s) - 8 GiB"

At the bottom of the summary section are two buttons: "Cancel" and "Launch instance". The "Launch instance" button is highlighted with a yellow background. To its right is a "Review commands" link. The right side of the screen features the Amazon Q AI assistant, which is currently inactive. The status bar at the bottom shows the date as 18-04-2024 and the time as 21:09.

The screenshot shows the AWS CloudWatch Metrics interface. A metric named "CPUUtilization" is selected. The chart displays CPU utilization over a 1-hour period, with values ranging from 0% to 100%. A specific data point is highlighted with a tooltip: "Peak CPU Utilization: 99% at 2024-04-18T10:00:00Z". The AWS navigation bar and search bar are visible at the top.

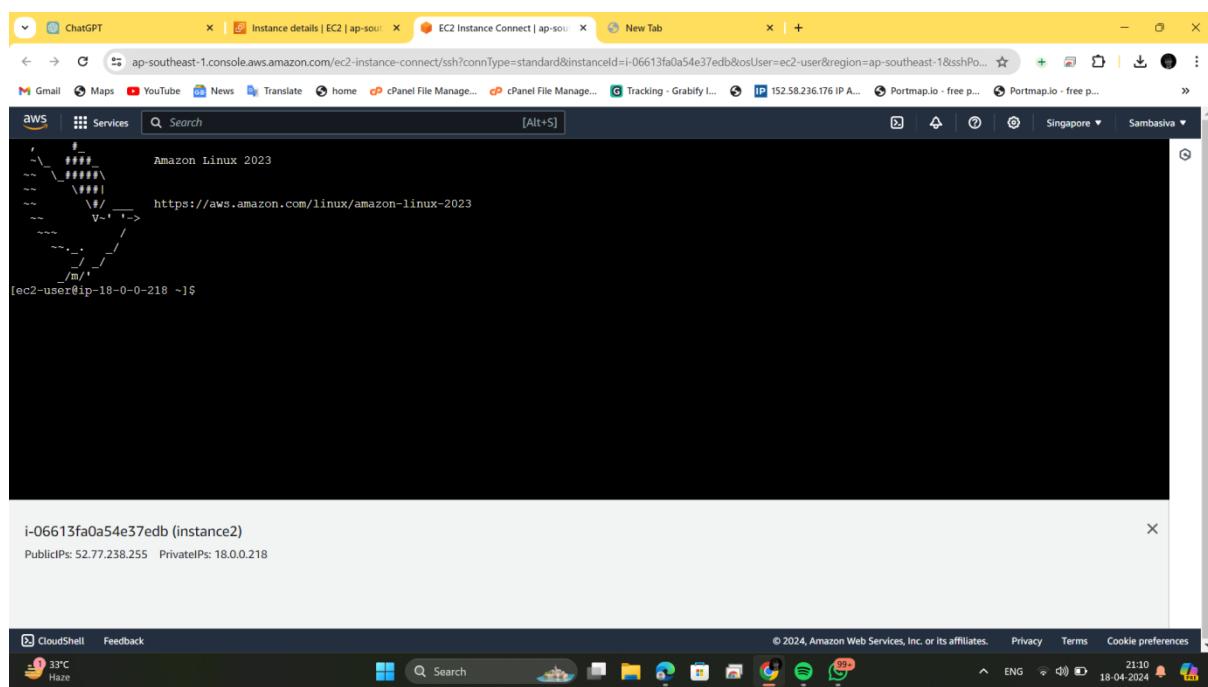
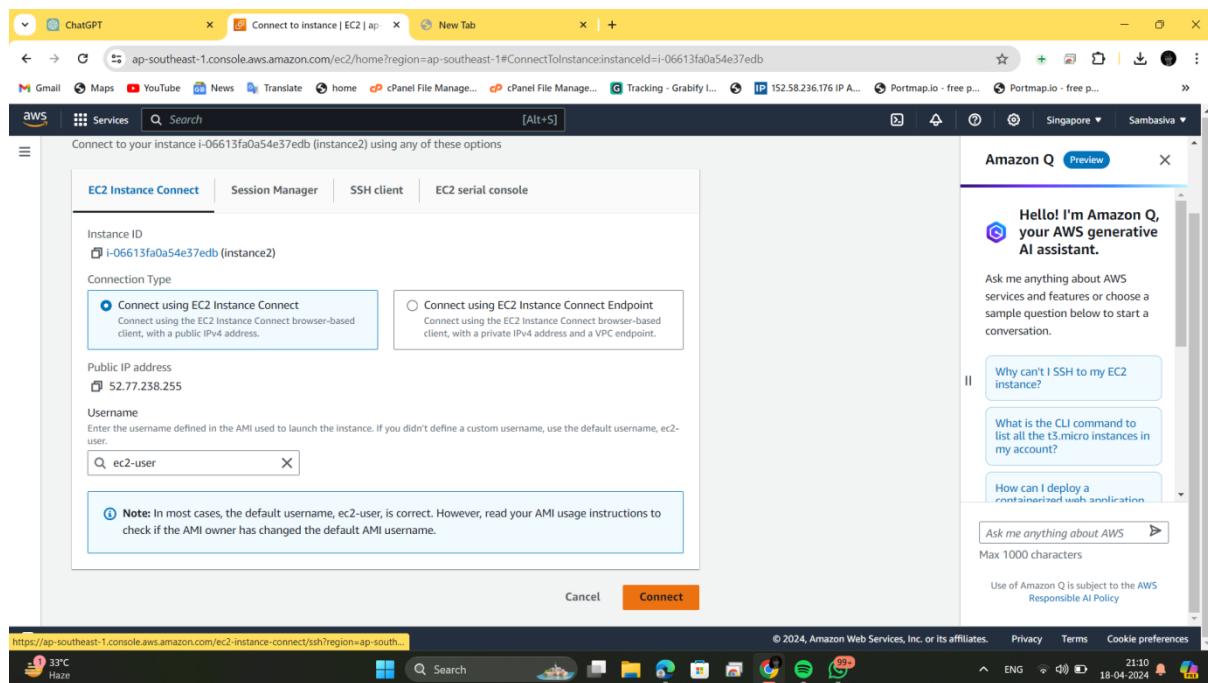
The screenshot shows the AWS CloudWatch Metrics interface. A metric named "CPUUtilization" is selected. The chart displays CPU utilization over a 1-hour period, with values ranging from 0% to 100%. A specific data point is highlighted with a tooltip: "Peak CPU Utilization: 99% at 2024-04-18T10:00:00Z". The AWS navigation bar and search bar are visible at the top.

Screenshot of the AWS Cloud Console showing the EC2 Instances page. The left sidebar shows navigation options like EC2 Dashboard, Instances, Images, and Elastic Block Store. The main content area displays a table of instances, with one row selected for 'instance2' (i-06613fa0a54e37edb). A modal window titled 'Select an instance' is open at the bottom.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 D
instance2	i-06613fa0a54e37edb	Running	t2.micro	-	View alarms +	ap-southeast-1a	-

Screenshot of the AWS Cloud Console showing the Instance details page for 'instance2'. The left sidebar is identical to the previous screenshot. The main content area displays detailed information about the instance, including its ID, state, and network settings. An 'Amazon Q' sidebar is visible on the right, showing a preview of AI-generated responses.

Instance ID	Public IPv4 address	Private IPv4 addresses
i-06613fa0a54e37edb (instance2)	52.77.238.255 [open address]	18.0.0.218



The screenshot shows the AWS VPC Peering connections page. The left sidebar is expanded, showing options like VPC dashboard, EC2 Global View, Filter by VPC (with a dropdown menu), 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 (selected), and Security (Network ACLs). The main content area is titled "Peering connections" and contains a search bar and a table header with columns: Name, Peering connection ID, Status, Requester VPC, and Acceptor VPC. Below the table, a message says "No peering connection found". A note at the bottom says "Select a peering connection above". The top navigation bar includes tabs for ChatGPT, PeeringConnections | VPC Connect, EC2 Instance Connect | ap-south-1, and New Tab. The browser toolbar at the top has various icons and a search bar. The bottom of the screen shows a Windows taskbar with icons for File Explorer, Google Chrome, and other applications.

The screenshot shows the "Create peering connection" wizard, step 1: Peering connection settings. The title is "Create peering connection". A sub-header states: "A VPC peering connection is a networking connection between two VPCs that enables you to route traffic between them privately." The "Info" tab is selected. The "Peering connection settings" section contains a "Name - optional" field with the value "my-pc-01". The "Select a local VPC to peer with" section has a "VPC ID (Requester)" dropdown labeled "Select a VPC". The "Select another VPC to peer with" section includes "Account" (radio buttons for "My account" and "Another account" with "My account" selected) and "Region" (dropdown showing "ap-south-1"). The bottom of the screen shows a Windows taskbar with icons for File Explorer, Google Chrome, and other applications.

Screenshot of the AWS VPC Peering Connections console showing a pending peering connection between two VPCs.

Peering connection details:

- Requester owner ID:** 891377045765
- Acceptor owner ID:** 891377045765
- Peering connection ID:** pcx-023651a48bb278515
- Status:** Initiating Request to 891377045765
- Expiration time:** Thursday, April 25, 2024 at 21:35:12 GMT+5:30
- Requester CIDR:** 17.0.0.0/16
- Requester Region:** Mumbai (ap-south-1)
- Acceptor CIDR:** -
- Acceptor Region:** Singapore (ap-southeast-1)

VPC Peering connection ARN: arn:aws:ec2:ap-south-1:891377045765:vpc-peering-connection/pcx-023651a48bb278515

DNS settings: Edit DNS settings

Requester VPC: (vpc-0eb5c62eaee8a76a9 / samba-vpc1) Info

Actions: Pending acceptance

Peering connections (1/1) Info:

Name	Peering connection ID	Status	Requester VPC	Acceptor VPC
-	pcx-023651a48bb278515	Pending acceptance	vpc-0eb5c62eaee8a76a9	vpc-026582cb2927972d2 / sa...

pcx-023651a48bb278515

Pending acceptance: You can accept or reject this peering connection request using the 'Actions' menu. You have until Thursday, April 25, 2024 at 21:35:12 GMT+5:30 to accept or reject the request, otherwise it expires.

Details:

- Requester owner ID:** 891377045765
- Acceptor owner ID:** 891377045765
- VPC Peering connection ARN:** arn:aws:ec2:ap-south-1:891377045765:vpc-peering-connection/pcx-023651a48bb278515

Screenshot of the AWS VPC Peering Connections console showing a pending acceptance for a peering connection request.

Peering connections (1/1) Info:

Name	Peering connection ID	Status	Requester VPC	Acceptor VPC
-	pcx-023651a48bb278515	Pending acceptance	vpc-0eb5c62eaee8a76a9	vpc-026582cb2927972d2 / sa...

pcx-023651a48bb278515

Pending acceptance: You can accept or reject this peering connection request using the 'Actions' menu. You have until Thursday, April 25, 2024 at 21:35:12 GMT+5:30 to accept or reject the request, otherwise it expires.

Details:

- Requester owner ID:** 891377045765
- Acceptor owner ID:** 891377045765
- VPC Peering connection ARN:** arn:aws:ec2:ap-south-1:891377045765:vpc-peering-connection/pcx-023651a48bb278515

Screenshot of the AWS VPC Peering Connections console showing the acceptance of a peering connection request.

The screenshot shows the AWS Management Console with multiple tabs open. The main tab displays the "Peering connections (1/1) Info" page for a connection named "pcx-023651a48bb278515". A modal dialog titled "Accept VPC peering connection request" is open, asking for confirmation to accept the request. The modal contains the following details:

Requester VPC	Acceptor VPC
vpc-0eb5c62eae8a76a9	vpc-026582cb2927972d2 / sambavpc-2
Requester CIDRs	Acceptor Region
-	Mumbai (ap-south-1)
Requester owner ID	Requester CIDRs
891377045765 (This account)	17.0.0.0/16
Acceptor owner ID	Acceptor Region
891377045765 (This account)	Singapore (ap-southeast-1)

At the bottom of the modal are "Cancel" and "Accept request" buttons. The status of the peering connection is shown as "Pending acceptance".

Screenshot of the AWS VPC Peering Connections console showing the successful establishment of a peering connection.

The screenshot shows the AWS Management Console with multiple tabs open. The main tab displays the "Peering connections (1) Info" page for the same connection. A green success message at the top states: "Your VPC peering connection (pcx-023651a48bb278515) 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." Below this message, the connection status is listed as "Provisioning".

Name	Peering connection ID	Status	Requester VPC	Acceptor VPC
pcx-023651a48bb278515	Provisioning	vpc-0eb5c62eae8a76a9	vpc-026582cb2927972d2 / sa...	

At the bottom of the page, there is a note: "Select a peering connection above". The status bar at the bottom right shows the date and time as "18-04-2024 21:37".

The screenshot shows the AWS VPC Edit Routes interface. The page title is "Edit routes". There are two routes listed:

Destination	Target	Status	Propagated
18.0.0.0/16	local	Active	No
0.0.0.0/0	Internet Gateway	Active	No

Buttons at the bottom include "Add route", "Cancel", "Preview", and "Save changes".

The screenshot shows the AWS VPC Edit Routes interface. The page title is "Edit routes". There are three routes listed:

Destination	Target	Status	Propagated
18.0.0.0/16	local	Active	No
0.0.0.0/0	Internet Gateway	Active	No
17.0.0.0/16	Peering Connection	-	No

Buttons at the bottom include "Add route", "Cancel", "Preview", and "Save changes".

Screenshot of the AWS VPC Console showing the details of a route table.

Route Table ID: rtb-0a2f9d32029333868 / samba-route-table-2

Main: No

Owner ID: vpc-026582cb2927972d2 | samba-vpc-2

Explicit subnet associations: subnet-0efe74f06dec593ff / samba-subnet-2

Edge associations: -

Routes (3):

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0071d1e76cc977288	Active	No
17.0.0.0/16	pxc-023651a48bb278515	Active	No
18.0.0.0/16	local	Active	No

Screenshot of the AWS VPC Console showing the 'Edit routes' dialog for a route table.

Destination: 17.0.0.0/16
Target: local
Status: Active
Propagated: No

Destination: 0.0.0.0/0
Target: Internet Gateway
Status: Active
Propagated: No
Actions: Remove

Destination: Use: "18.0.0.0/16"
Target: igw-07b5a3c0a58c47ca1
Status: Active
Propagated: No
Actions: Remove

Destination: 18.0.0.0/16
Target: Peering Connection
Status: -
Propagated: No
Actions: Remove

Add route button

Buttons: Cancel, Preview, Save changes

ChatGPT

RouteTableDetails | VPC Console

RouteTableDetails | VPC Console

EC2 Instance Connect | ap-south-1

New Tab

Gmail Maps YouTube News Translate home cPanel File Manager... cPanel File Manager... Tracking - Grabify L... IP 152.58.236.176 IP A... Portmap.io - free p... Portmap.io - free p...

Mumbai Sambasiva

VPC Services Search [Alt+S]

Updated routes for rtb-0ebca626e564bc9c6 / samba-route-table-1 successfully

Details

VPC > Route tables > rtb-0ebca626e564bc9c6 / samba-route-table-1

rtb-0ebca626e564bc9c6 / samba-route-table-1

Actions

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

32°C Air: Moderate

32°C Air: Moderate

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ENG 21:50 18-04-2024

The screenshot shows the AWS VPC console with the 'Route tables' section selected. A success message at the top states 'Updated routes for rtb-0ebca626e564bc9c6 / samba-route-table-1 successfully'. Below this, the 'Details' tab is active, showing the route table ID (rtb-0ebca626e564bc9c6), VPC (vpc-0eb5c62eaee8a76a9 | samba-vpc1), and owner information. The 'Routes' tab is selected, displaying three routes: 0.0.0.0/0 (target igw-07b5a3c0a58c47ca, status Active, propagated No); 17.0.0.0/16 (target local, status Active, propagated No); and 18.0.0.0/16 (target vpc-023651a48bb278515, status Active, propagated No). The bottom of the page includes standard AWS navigation and status bars.

ChatGPT

ModifyInboundSecurityGroup

RouteTableDetails | VPC Console

EC2 Instance Connect | ap-south-1

New Tab

Gmail Maps YouTube News Translate home cPanel File Manager... cPanel File Manager... Tracking - Grabify L... IP 152.58.236.176 IP A... Portmap.io - free p... Portmap.io - free p...

Mumbai Sambasiva

Services Search [Alt+S]

Edit inbound rules

Inbound rules

Inbound rules control the incoming traffic that's allowed to reach the instance.

Security group rule ID	Type	Protocol	Port range	Source	Description - optional
sgr-029158bbb75a793e7	SSH	TCP	22	Custom	0.0.0.0/0
-	HTTP	TCP	80	Custom	17.0.0.0/16

Add rule

⚠ Rules with source of 0.0.0.0/0 or ::/0 allow all IP addresses to access your instance. We recommend setting security group rules for specific CIDR blocks, Security Groups, or Prefix lists.

Cancel Preview changes Save rules

CloudShell Feedback

32°C Mostly cloudy

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ENG 21:55 18-04-2024

The screenshot shows the AWS EC2 console with the 'Inbound rules' section selected. It displays two rules: one for SSH (TCP port 22) from a custom source (0.0.0.0/0) and another for HTTP (TCP port 80) from a custom source (17.0.0.0/16). A warning message at the bottom advises against using 0.0.0.0/0 or ::/0 and recommends using CIDR blocks, Security Groups, or Prefix lists. At the bottom, there are 'Cancel', 'Preview changes', and 'Save rules' buttons. The bottom of the page includes standard AWS navigation and status bars.

Screenshot of the AWS EC2 Security Groups page showing three security groups: default, launch-wizard-1, and launch-wizard-1.

Security Groups (3) Info

Name	Security group ID	Security group name	VPC ID	Description
-	sg-0f003c8da8138cc19	default	vpc-0eb5c62eaee8a76a9	default VPC sec
-	sg-02b8b2fb0d6d8f05	launch-wizard-1	vpc-0eb5c62eaee8a76a9	launch-wizard-1
-	sg-034c6dc0c51f549bd	default	vpc-050b3ce7fa03ded0f	default VPC sec

Screenshot of the AWS EC2 ModifyInboundSecurityGroupRules page showing inbound rules for security group sg-0e7cf3a5c6556f1af.

Edit inbound rules

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules

Security group rule ID	Type	Protocol	Port range	Source	Description - optional
sgr-0f1634ca93fb579de	SSH	TCP	22	Custom	0.0.0.0/0
-	HTTP	TCP	80	Custom	18.0.0.0/16

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

Screenshot of the AWS Management Console showing the EC2 Security Groups page. A success message at the top states: "Inbound security group rules successfully modified on security group (sg-0e7cf3a5c6556f1af | launch-wizard-1)". The table lists two security groups:

Name	Security group ID	Security group name	VPC ID	Description
-	sg-0e7cf3a5c6556f1af	launch-wizard-1	vpc-026582cb2927972d2	launch-wizard-1
-	sg-034f7679ab3dcc6e9	default	vpc-026582cb2927972d2	default VPC sec

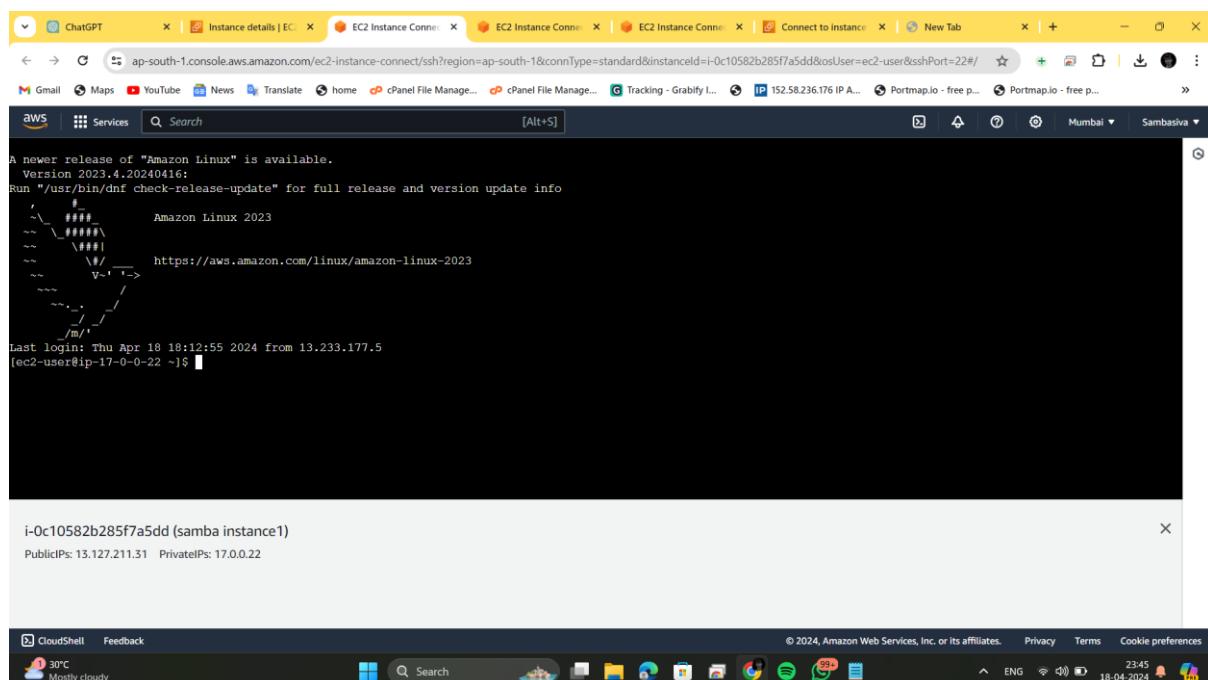
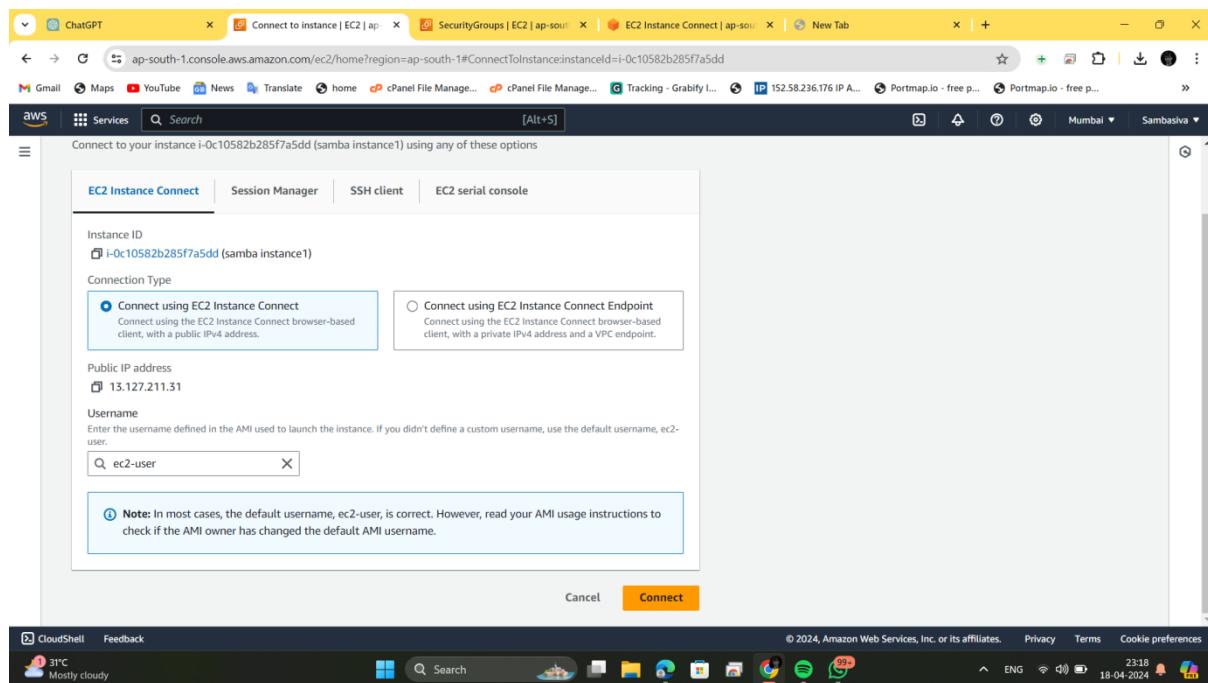
The left sidebar shows navigation links for EC2 Dashboard, EC2 Global View, Events, Instances (Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity), Reservations, Images (AMIs, AMI Catalog), and Elastic Block Store (Volumes, Snapshots). The bottom status bar shows the date (18-04-2024), time (21:57), and location (Singapore).

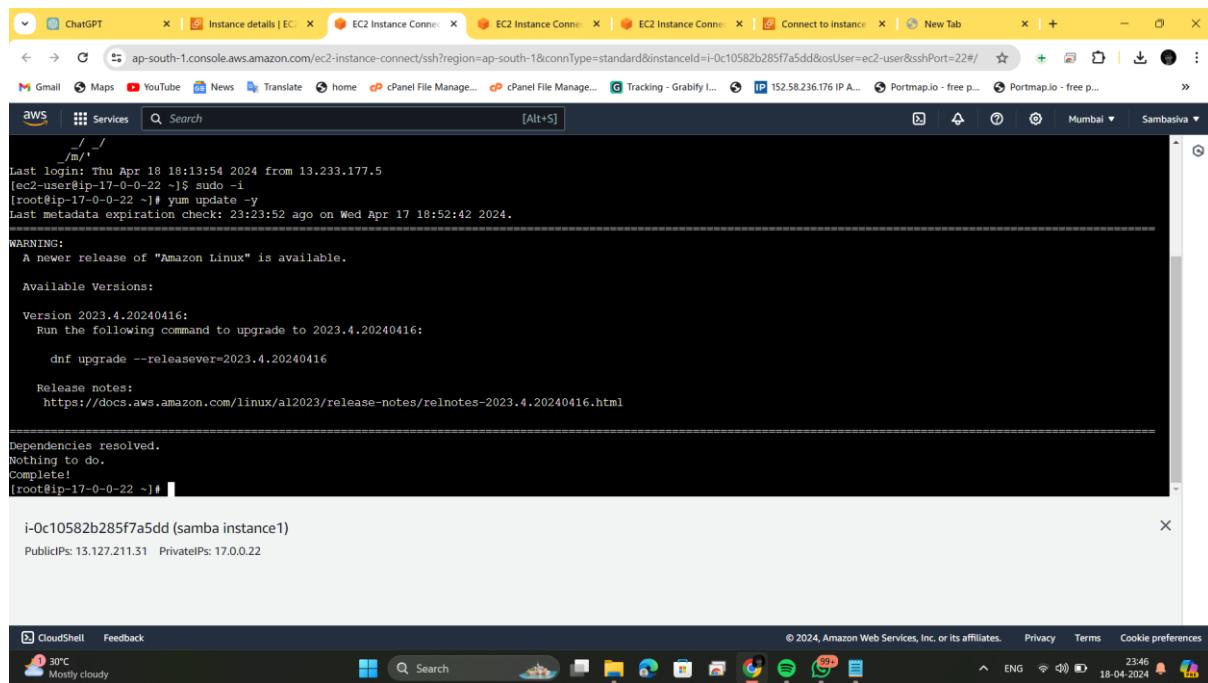
Screenshot of the AWS Management Console showing the Connect to instance page for instance i-0c10582b285f7a5dd. The title is "Connect to instance" and the URL is "ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstance:instanceId=i-0c10582b285f7a5dd".

The page displays the following information:

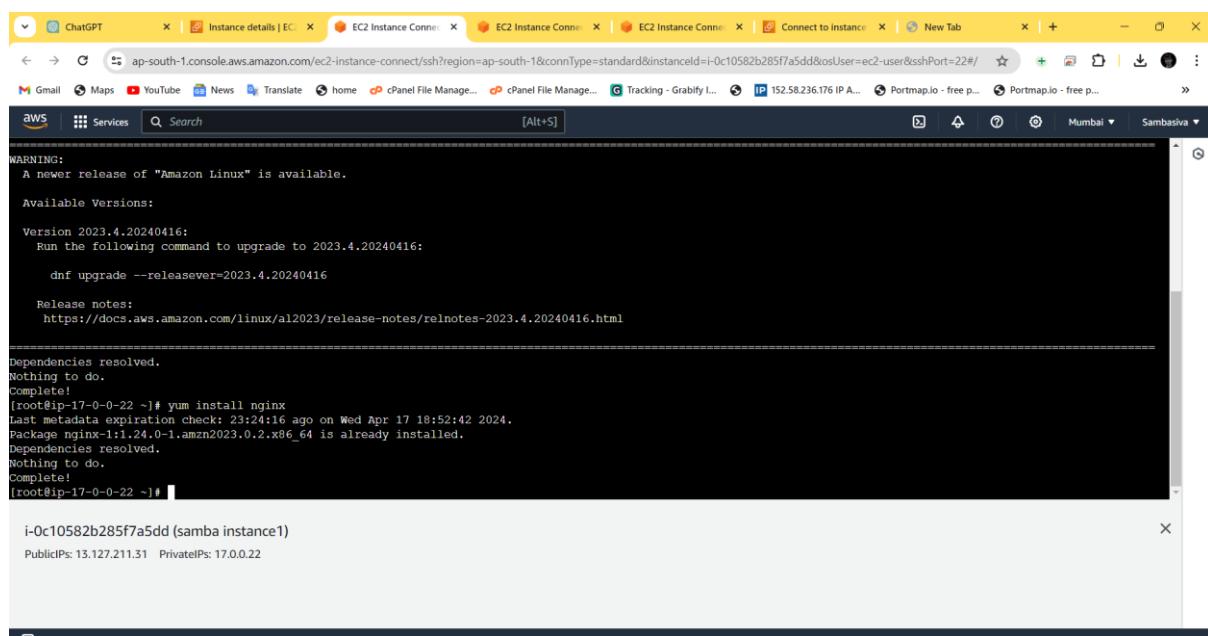
- EC2 Instance Connect** tab is selected.
- Instance ID:** i-0c10582b285f7a5dd (samba instance1)
- Connection Type:** "Connect using EC2 Instance Connect" is selected. Sub-options include "Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address." and "Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint."
- Public IP address:** 13.127.211.31
- 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.)

The bottom status bar shows the date (18-04-2024), time (23:18), and location (Mumbai).



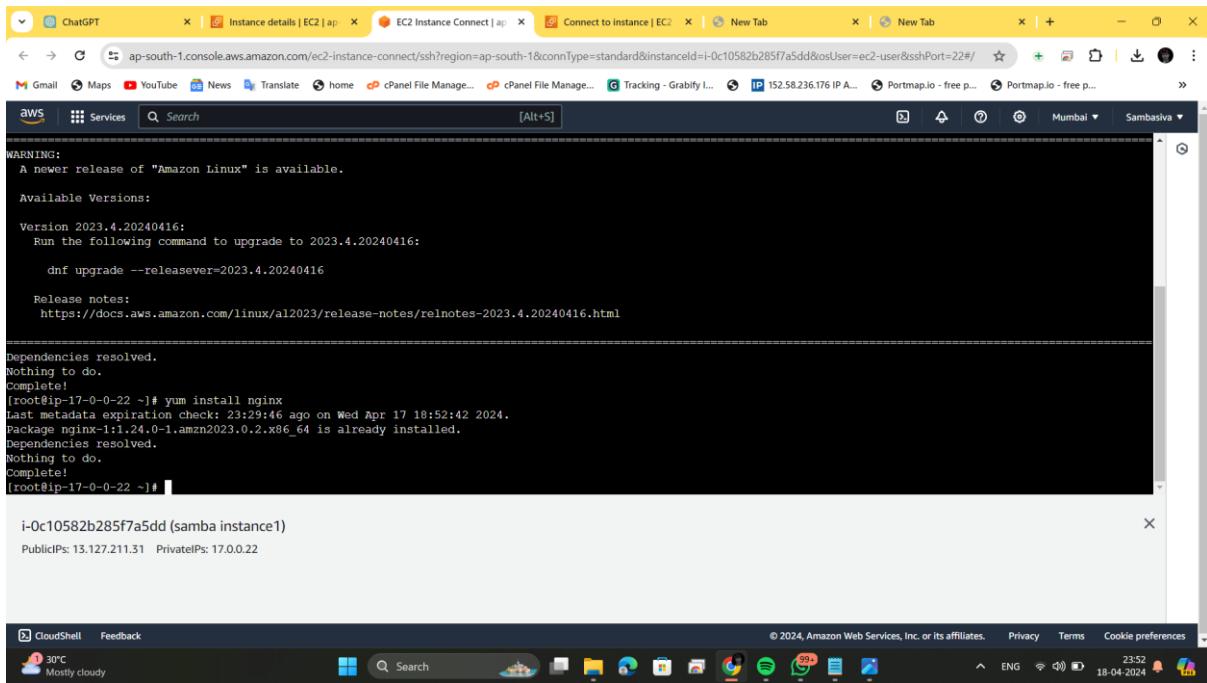


```
/m/`  
Last login: Thu Apr 18 18:13:54 2024 from 13.233.177.5  
[ec2-user@ip-17-0-0-22 ~]$ sudo -i  
[root@ip-17-0-0-22 ~]# yum update -y  
Last metadata expiration check: 23:23:52 ago on Wed Apr 17 18:52:42 2024.  
  
WARNING:  
A newer release of "Amazon Linux" is available.  
  
Available Versions:  
Version 2023.4.20240416:  
Run the following command to upgrade to 2023.4.20240416:  
dnf upgrade --releasever=2023.4.20240416  
  
Release notes:  
https://docs.aws.amazon.com/linux/al2023/release-notes/relnotes-2023.4.20240416.html  
  
Dependencies resolved.  
Nothing to do.  
Complete!  
[root@ip-17-0-0-22 ~]#  
  
i-0c10582b285f7a5dd (samba instance1)  
PublicIPs: 13.127.211.31 PrivateIPs: 17.0.0.22
```

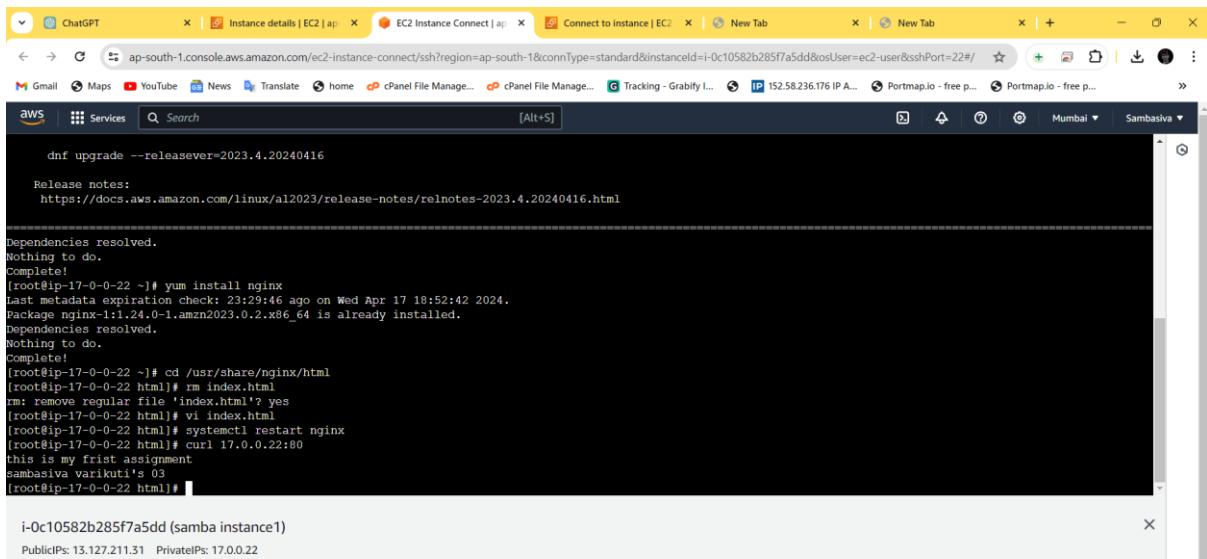


```
30°C  
Mostly cloudy  
CloudShell Feedback  
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ENG 23:46 18-04-2024  
  
/m/`  
Last login: Thu Apr 18 18:13:54 2024 from 13.233.177.5  
[ec2-user@ip-17-0-0-22 ~]$ sudo -i  
[root@ip-17-0-0-22 ~]# yum install nginx  
Last metadata expiration check: 23:24:16 ago on Wed Apr 17 18:52:42 2024.  
Package nginx-1:1.24.0-1.amzn2023.0.2.x86_64 is already installed.  
Dependencies resolved.  
Nothing to do.  
Complete!  
[root@ip-17-0-0-22 ~]#  
  
i-0c10582b285f7a5dd (samba instance1)  
PublicIPs: 13.127.211.31 PrivateIPs: 17.0.0.22
```



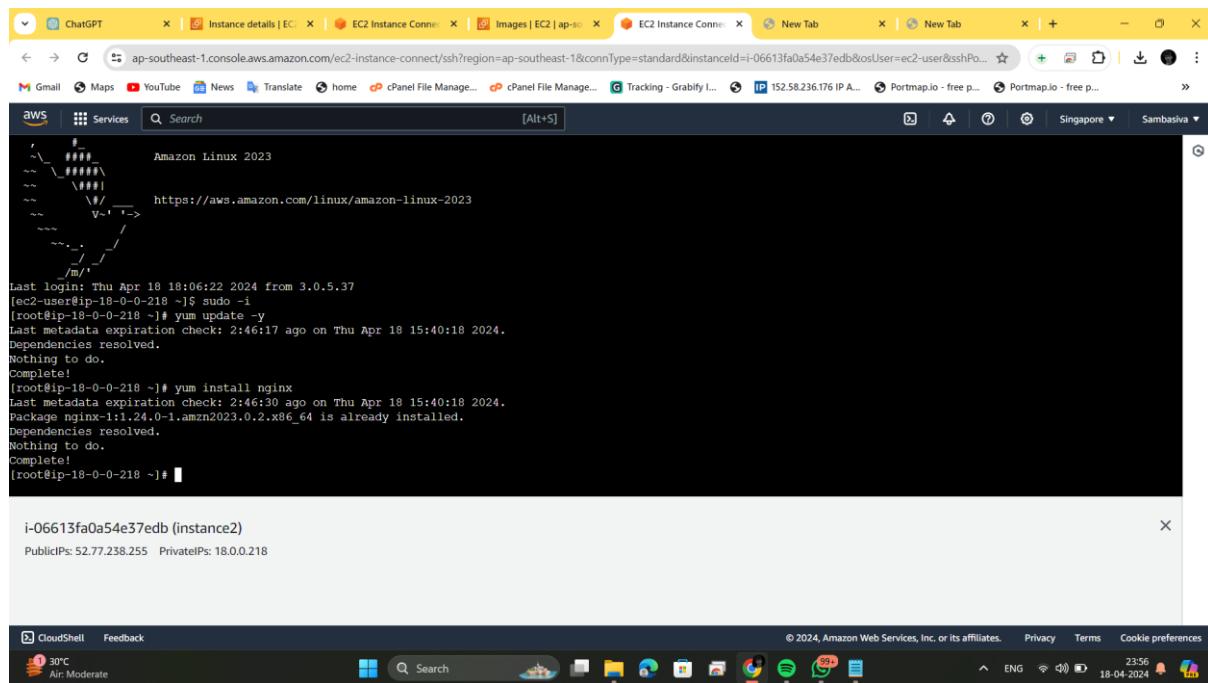


```
WARNING:  
A newer release of "Amazon Linux" is available.  
  
Available Versions:  
  
Version 2023.4.20240416:  
Run the following command to upgrade to 2023.4.20240416:  
dnf upgrade --releasever=2023.4.20240416  
  
Release notes:  
https://docs.aws.amazon.com/linux/al2023/release-notes/relnotes-2023.4.20240416.html  
  
Dependencies resolved.  
Nothing to do.  
Complete!  
[root@ip-17-0-0-22 ~]# yum install nginx  
Last metadata expiration check: 23:29:46 ago on Wed Apr 17 10:52:42 2024.  
Package nginx-1:1.24.0-1.amzn2023.0.2.x86_64 is already installed.  
Dependencies resolved.  
Nothing to do.  
Complete!  
[root@ip-17-0-0-22 ~]#  
  
i-0c10582b285f7a5dd (samba instance1)  
PublicIPs: 13.127.211.31 PrivateIPs: 17.0.0.22
```



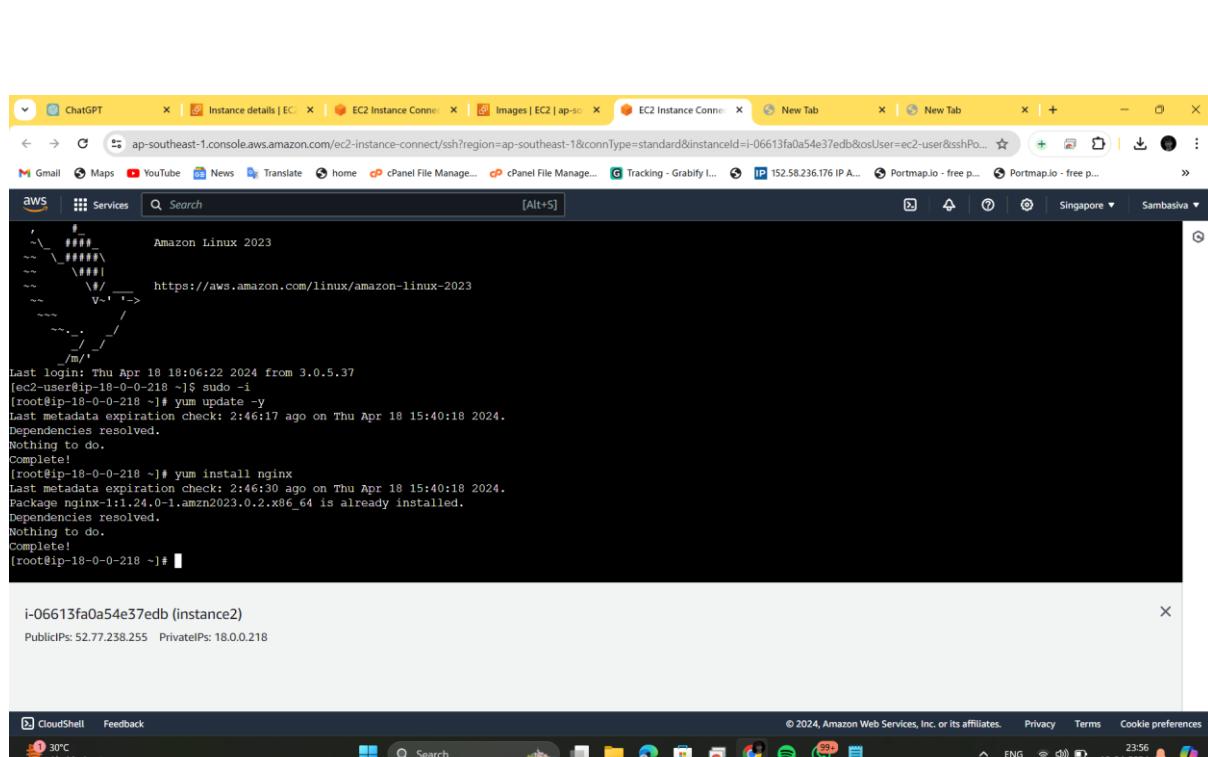
```
dnf upgrade --releasever=2023.4.20240416  
  
Release notes:  
https://docs.aws.amazon.com/linux/al2023/release-notes/relnotes-2023.4.20240416.html  
  
Dependencies resolved.  
Nothing to do.  
Complete!  
[root@ip-17-0-0-22 ~]# yum install nginx  
Last metadata expiration check: 23:29:46 ago on Wed Apr 17 10:52:42 2024.  
Package nginx-1:1.24.0-1.amzn2023.0.2.x86_64 is already installed.  
Dependencies resolved.  
Nothing to do.  
Complete!  
[root@ip-17-0-0-22 ~]# cd /usr/share/nginx/html  
[root@ip-17-0-0-22 html]# rm index.html  
rm: remove regular file 'index.html'? yes  
[root@ip-17-0-0-22 html]# vi index.html  
[root@ip-17-0-0-22 html]# systemctl restart nginx  
[root@ip-17-0-0-22 html]# curl 17.0.0.22:80  
this is my frist assignment  
sambasiva varikuti's 03  
[root@ip-17-0-0-22 html]#  
  
i-0c10582b285f7a5dd (samba instance1)  
PublicIPs: 13.127.211.31 PrivateIPs: 17.0.0.22
```





```
Last login: Thu Apr 18 10:06:22 2024 from 3.0.5.37
[ec2-user@ip-18-0-0-218 ~]$ sudo -i
[root@ip-18-0-0-218 ~]# yum update -y
Last metadata expiration check: 2:46:17 ago on Thu Apr 18 15:40:18 2024.
Dependencies resolved.
Nothing to do.
Complete!
[root@ip-18-0-0-218 ~]# yum install nginx
Last metadata expiration check: 2:46:30 ago on Thu Apr 18 15:40:18 2024.
Package nginx-1:1.24.0-1.amzn2023.0.2.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[root@ip-18-0-0-218 ~]#
```

i-06613fa0a54e37edb (instance2)
PublicIPs: 52.77.238.255 PrivateIPs: 18.0.0.218



```
Last login: Thu Apr 18 10:06:22 2024 from 3.0.5.37
[ec2-user@ip-18-0-0-218 ~]$ sudo -i
[root@ip-18-0-0-218 ~]# yum update -y
Last metadata expiration check: 2:46:17 ago on Thu Apr 18 15:40:18 2024.
Dependencies resolved.
Nothing to do.
Complete!
[root@ip-18-0-0-218 ~]# yum install nginx
Last metadata expiration check: 2:46:30 ago on Thu Apr 18 15:40:18 2024.
Package nginx-1:1.24.0-1.amzn2023.0.2.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[root@ip-18-0-0-218 ~]#
```

i-06613fa0a54e37edb (instance2)
PublicIPs: 52.77.238.255 PrivateIPs: 18.0.0.218