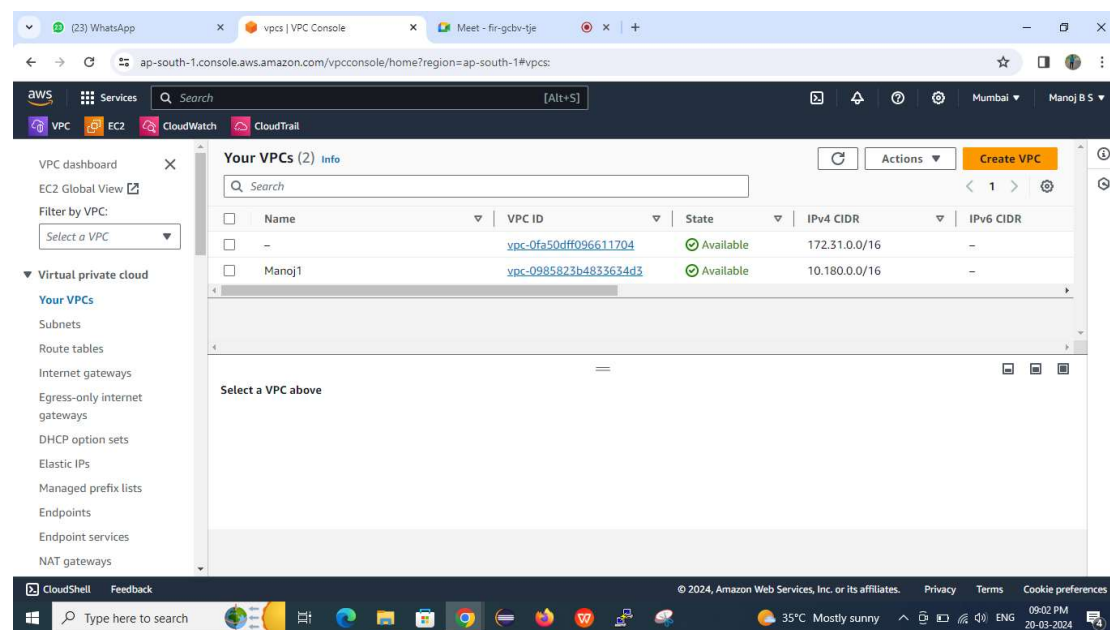


## 1. Creating VPC

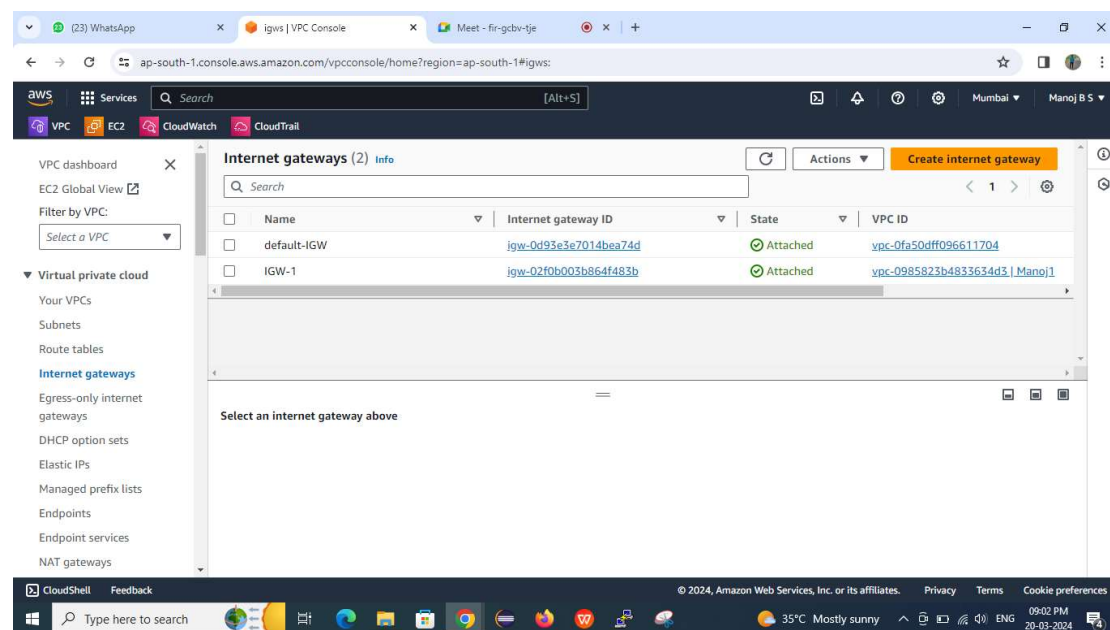


The screenshot shows the AWS VPC console interface. The left sidebar contains navigation links for VPC dashboard, EC2 Global View, and various VPC resources. The main content area displays 'Your VPCs (2)' with a table listing two VPCs:

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
-	<a href="#">vpc-0fa50dff096611704</a>	Available	172.31.0.0/16	-
Manoj1	<a href="#">vpc-0985823b4833634d3</a>	Available	10.180.0.0/16	-

Below the table, there is a section titled 'Select a VPC above' with a search bar and a list of VPCs. The bottom of the console shows the AWS logo, navigation links, and a footer with copyright information and a date of 20-03-2024.

## 2. Creating Internet Gateways



The screenshot shows the AWS Internet Gateways console interface. The left sidebar contains navigation links for VPC dashboard, EC2 Global View, and various VPC resources. The main content area displays 'Internet gateways (2)' with a table listing two gateways:

Name	Internet gateway ID	State	VPC ID
default-IGW	<a href="#">igw-0d93e3e7014bea74d</a>	Attached	<a href="#">vpc-0fa50dff096611704</a>
IGW-1	<a href="#">igw-02f0b003b864f483b</a>	Attached	<a href="#">vpc-0985823b4833634d3</a>   Manoj1

Below the table, there is a section titled 'Select an internet gateway above' with a search bar and a list of gateways. The bottom of the console shows the AWS logo, navigation links, and a footer with copyright information and a date of 20-03-2024.

## 3. Creating Sub nets

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

**Subnets (7)** Info

Find resources by attribute or tag

<input type="checkbox"/>	Name	Subnet ID	State	VPC	IPv4 CIDR
<input type="checkbox"/>	subnet-pub-1	subnet-01cafd8884bc8bb37	Available	vpc-0985823b4833634d3   Ma...	10.180.
<input type="checkbox"/>	-	subnet-0de56715e0bfc26ca	Available	vpc-0fa50dff096611704	172.31.
<input type="checkbox"/>	subnet-private-1	subnet-039695b7868a690c9	Available	vpc-0985823b4833634d3   Ma...	10.180.
<input type="checkbox"/>	subnet-private-2	subnet-055d2122de54cdce0	Available	vpc-0985823b4833634d3   Ma...	10.180.
<input type="checkbox"/>	-	subnet-0a02b0d27f728efa	Available	vpc-0fa50dff096611704	172.31.
<input type="checkbox"/>	subnet-pub-2	subnet-0cfe8b9af633be85a	Available	vpc-0985823b4833634d3   Ma...	10.180.
<input type="checkbox"/>	-	subnet-06c7b2edd75331ef2	Available	vpc-0fa50dff096611704	172.31.

Select a subnet

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRouteTableSubnetAssociations:RouteTableId=rtb-00f1c18c1688c9244

### Edit subnet associations

Change which subnets are associated with this route table.

**Available subnets (2/4)**

Filter subnet associations

<input type="checkbox"/>	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input checked="" type="checkbox"/>	subnet-pub-1	subnet-01cafd8884bc8bb37	10.180.0.0/24	-	rtb-00f1c18c1688c9244 / Route-
<input type="checkbox"/>	subnet-private-1	subnet-039695b7868a690c9	10.180.2.0/24	-	rtb-0f4564900cab48f24 / route-
<input type="checkbox"/>	subnet-private-2	subnet-055d2122de54cdce0	10.180.3.0/24	-	rtb-0f4564900cab48f24 / route-
<input checked="" type="checkbox"/>	subnet-pub-2	subnet-0cfe8b9af633be85a	10.180.1.0/24	-	rtb-00f1c18c1688c9244 / Route-

**Selected subnets**

subnet-01cafd8884bc8bb37 / subnet-pub-1 X subnet-0cfe8b9af633be85a / subnet-pub-2 X

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRouteTableSubnetAssociations:RouteTableId=rtb-0f4564900cab48f24

Services Search [Alt+S]

VPC EC2 CloudWatch CloudTrail

VPC > Route tables > rtb-0f4564900cab48f24 > Edit subnet associations

### Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (2/4)

Filter subnet associations

	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input type="checkbox"/>	subnet-pub-1	subnet-01cafd8884bc8bb37	10.180.0.0/24	-	rtb-00f1c18c1688c9244 / Route-
<input checked="" type="checkbox"/>	subnet-private-1	subnet-039695b7868a690c9	10.180.2.0/24	-	rtb-0f4564900cab48f24 / route-
<input checked="" type="checkbox"/>	subnet-private-2	subnet-055d2122de54cdce0	10.180.3.0/24	-	rtb-0f4564900cab48f24 / route-
<input type="checkbox"/>	subnet-pub-2	subnet-0cfe8b9af633be85a	10.180.1.0/24	-	rtb-00f1c18c1688c9244 / Route-

Selected subnets

subnet-055d2122de54cdce0 / subnet-private-2 X subnet-039695b7868a690c9 / subnet-private-1 X

CloudShell Feedback

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

29°C Partly cloudy 09:16 PM 20-03-2024

#### 4. Creating route Tables.

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

Services Search [Alt+S]

VPC EC2 CloudWatch CloudTrail

VPC dashboard X

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

Route table rtb-0f4564900cab48f24 | route-private-1 was created successfully.

### Route tables (4) Info

Find resources by attribute or tag

Create route table

	Name	Route table ID	Explicit subnet associ...	Edge associations	Main
<input type="checkbox"/>	-	rtb-08de680f8eea2ac85	-	-	Yes
<input type="checkbox"/>	-	rtb-0603a0575bd59590a	-	-	Yes
<input type="checkbox"/>	Route-pub-1	rtb-00f1c18c1688c9244	-	-	No
<input type="checkbox"/>	route-private-1	rtb-0f4564900cab48f24	-	-	No

CloudShell Feedback

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

35°C Mostly sunny 09:03 PM 20-03-2024

(23) WhatsApp

EditRoutes | VPC Console

EC2 Instance Connect | ap-sou

Meet - fir-gcbv-tje

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-00f1c18c1688c9244

Services Search [Alt+S]

VPC EC2 CloudWatch CloudTrail

VPC > Route tables > rtb-00f1c18c1688c9244 > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.180.0.0/16	local	Active	No
0.0.0.0/0	Internet Gateway	Active	No

Remove

Add route

Cancel

Preview

Save changes

CloudShell Feedback

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

Type here to search

29°C Partly cloudy 09:16 PM 20-03-2024