

Name : SHAHID SHAIKH

Topic : Create VPC

Step 1 : Select Current Region as Mumbai

The screenshot shows the AWS Management Console homepage. At the top, there is a navigation bar with various links like Apple Sarkar DBT, Gmail, Maps, YouTube, News, Translate, Sqlite Browser, Result, CSS, New Tab, and PYTHON. Below the navigation bar is a search bar and a dropdown for 'Mumbai'. The main content area has two main sections: 'Recently visited' and 'Welcome to AWS'. The 'Recently visited' section lists EC2, VPC, Billing, Route 53, S3, AWS Cloud Map, and IAM. The 'Welcome to AWS' section includes links for 'Getting started with AWS', 'Training and certification', and 'What's new with AWS?'. At the bottom, there are links for CloudShell, Feedback, Language, and a footer with copyright information and language settings.

Step 2 : Search VPC In Search Bar

The screenshot shows the AWS Management Console Home page. At the top, there is a search bar with the placeholder text "Search". Below the search bar, the "Services" tab is selected. The main content area displays several cards: "Recently visited" (listing EC2, VPC, Billing, Route 53, S3, AWS Cloud Map, IAM), "Welcome to AWS" (with sections for Getting started with AWS, Training and certification, and What's new with AWS), and "AWS Health" and "Cost and usage" cards. The bottom of the screen shows a taskbar with various application icons and system status.

Step 4 : Click On Create VPC

The screenshot shows the VPC Management Console Home page. On the left, a sidebar lists navigation options: "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) and "Security" (Network ACLs). The main content area features a "Create VPC" button and a "Launch EC2 Instances" button. Below these are sections for "Resources by Region" (listing VPCs, Subnets, Route Tables, Internet Gateways, Egress-only Internet Gateways, DHCP option sets) and "Service Health" (View complete service health details). To the right, there are "Settings" (Zones, Console Experiments), "Additional Information" (VPC Documentation, All VPC Resources, Forums, Report an Issue), and "AWS Network Manager" (description, Get started with Network Manager). The bottom of the screen shows a taskbar with various application icons and system status.

Step 5 : Put it name tag as a Shahid.

VPC Management Console

Create VPC [Info](#)

A VPC is an isolated portion of the AWS Cloud populated by AWS objects, such as Amazon EC2 instances.

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.

shahid

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

IPv4 CIDR
10.0.0.0/16

IPv6 CIDR block [Info](#)
 No IPv6 CIDR block
 IPAM-allocated IPv6 CIDR block
 Amazon-provided IPv6 CIDR block
 IPv6 CIDR owned by me

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Step 6 : Select IPV4 CIDR manual input and then Put it as CIDR as 10.0.0.0/16

VPC Management Console

Create VPC [Info](#)

A VPC is an isolated portion of the AWS Cloud populated by AWS objects, such as Amazon EC2 instances.

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.

shahid

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

IPv4 CIDR
10.0.0.0/16

IPv6 CIDR block [Info](#)
 No IPv6 CIDR block
 IPAM-allocated IPv6 CIDR block
 Amazon-provided IPv6 CIDR block
 IPv6 CIDR owned by me

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Step 7 : Select Tenancy as a default

The screenshot shows the 'Create VPC' wizard in the AWS VPC Management Console. The current step is 'Step 7 : Select Tenancy as a default'. The 'Tenancy' dropdown is set to 'Default'. Other options like 'Dedicated' are also listed. A tag 'Name: shahid' is added under the 'Tags' section. The 'Create VPC' button is at the bottom right.

Step 8 : Click on Create VPC

The screenshot shows the 'Create VPC' wizard in the AWS VPC Management Console. The current step is 'Step 8 : Click on Create VPC'. The 'Create VPC' button is highlighted in orange. The rest of the interface is identical to the previous step, showing the VPC configuration details and the 'Tags' section.

Step 9 : Click on Internet Gateways

The screenshot shows the AWS VPC Management Console dashboard. On the left, there's a sidebar with navigation links for VPC dashboard, EC2 Global View, Filter by VPC, Virtual private cloud (with sub-links like 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), and Security (Network ACLs). The main content area displays 'Resources by Region' for the Asia Pacific region. It includes sections for VPCs, Subnets, Route Tables, Internet Gateways (1 item), Egress-only Internet Gateways (0 items), DHCP option sets (1 item), NAT Gateways (0 items), VPC Peering Connections (0 items), Network ACLs (2 items), Security Groups (73 items), Customer Gateways (0 items), and Virtual Private Gateways (0 items). There are also links for 'Create VPC' and 'Launch EC2 Instances'. On the right, there are sections for Service Health, Settings, Additional Information (VPC Documentation, All VPC Resources, Forums, Report an Issue), and AWS Network Manager. The bottom of the screen shows the browser's address bar with the URL <https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#igws>, and a taskbar with various application icons.

Step 10 : Click on Create Internet Gateways.

The screenshot shows the AWS VPC Management Console with the 'Internet gateways' page open. The left sidebar is identical to the previous screenshot. The main area shows a table titled 'Internet gateways (1/1)'. The table has columns for Name, Internet gateway ID, State, VPC ID, and Owner. One row is visible, labeled 'pickup' with Internet gateway ID 'igw-0891757cab1ed0e6', State 'Attached', VPC ID 'vpc-091e73e8517b0a3a6', and Owner '554785859741'. Below the table, a detailed view for 'igw-0891757cab1ed0e6 / pickup' is shown. It has tabs for 'Details' and 'Tags'. Under 'Details', there are four columns: Internet gateway ID (igw-0891757cab1ed0e6), State (Attached), VPC ID (vpc-091e73e8517b0a3a6), and Owner (554785859741). The bottom of the screen shows the browser's address bar with the URL <https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#igws>, and a taskbar with various application icons.

Step 11 : give it to name as shahid-igm

Create internet gateway | VPC M + ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateInternetGateway:

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aws Services Search [Alt+S]

VPC > Internet gateways > Create internet gateway

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

You can add 49 more tags.

Step 12 : click on Attach to VPC

The screenshot shows the AWS VPC Management Console with the URL ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#InternetGateway:internetGatewayId=igw-01b17446d42e539c7. The top navigation bar includes links for CloudShell, Feedback, Language, and various AWS services like Lambda, S3, and CloudWatch. The main content area displays a success message: "The following internet gateway was created: igw-01b17446d42e539c7 - shahid-igm. You can now attach to a VPC to enable the VPC to communicate with the internet." A "Attach to a VPC" button is visible. On the left, a sidebar lists categories such as VPC dashboard, EC2 Global View, Filter by VPC, Virtual private cloud (with Your VPCs, Subnets, Route tables), Internet gateways (selected), Egress-only internet gateways, DHCP option sets, Elastic IPs, Managed prefix lists, Endpoints, Endpoint services, NAT gateways, and Peering connections. The main pane shows the details of the newly created Internet Gateway "igw-01b17446d42e539c7 / shahid-igm". It includes fields for Internet gateway ID (igw-01b17446d42e539c7), State (Detached), VPC ID (-), and Owner (54785859741). Below this is a "Tags" section with a search bar and a table showing a single tag: Name (shahid-igm). The bottom navigation bar includes links for CloudShell, Feedback, Language, and various AWS services like Lambda, S3, and CloudWatch.

Step 13 : Go to Subnet then give it VPC ID as shahid

The screenshot shows the 'Create subnet' wizard in the AWS VPC Management Console. The 'VPC' section is displayed, with a dropdown menu titled 'Select a VPC'. Two options are listed: 'vpc-00472edef6e542b5 (shahid)' with CIDR '10.0.0.0/16' and 'vpc-091e73e8517b0a3a6 (default)' with CIDR '172.31.0.0/16'. A message below the dropdown says 'Select a VPC first to create new subnets.' An 'Add new subnet' button is at the bottom left. At the bottom right are 'Cancel' and 'Create subnet' buttons.

Step 14: Give it subnet name as a PublicSubnet1

The screenshot shows the 'Subnet settings' configuration page for creating a new subnet. The 'Subnet 1 of 1' section is active. Under 'Subnet name', the value 'PublicSubnet1' is entered into the input field. Below it, a note says 'The name can be up to 256 characters long.' Under 'Availability Zone', the dropdown 'No preference' is selected. Under 'IPv4 CIDR block', the value '10.0.0.0/24' is entered. In the 'Tags - optional' section, a tag 'Name' is added with the value 'PublicSubnet1'. A note says 'You can add 49 more tags.' At the bottom are 'Remove' and 'Add new tag' buttons. The status bar at the bottom shows 'CloudShell', 'Feedback', 'Language', 'CloudShell', 'Feedback', 'Language', '23°C Cloudy', and other system information.

Step 15 : Select Availability Zone As A asia Pacific(Mumbai/ap-south-1a)

The screenshot shows the AWS VPC Management Console with the URL ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateSubnet. The 'Services' tab is selected. The main area is titled 'Subnet settings' with the sub-section 'Subnet 1 of 1'. Under 'Availability Zone', the dropdown is set to 'No preference'. A list of availability zones is displayed, with 'Asia Pacific (Mumbai) / ap-south-1a' selected. Other options include 'ap-south-1b' and 'ap-south-1c'. A note at the bottom says 'You can add 49 more tags.' The status bar at the bottom shows the date and time as 20-07-2023 01:21.

Step 16 : Give it IPV4 CIDR Block as a (10.0.0.0/24)

The screenshot shows the AWS VPC Management Console with the same URL and interface as the previous step. The 'Subnet settings' section is visible, and the 'IPv4 CIDR block' input field is filled with '10.0.0.0/24'. The status bar at the bottom shows the date and time as 20-07-2023 01:21.

Step 18 : Click on Create Subnet

The screenshot shows the 'Create Subnet' wizard in the AWS VPC Management Console. The 'Subnet 1 of 1' step is active. The subnet name is set to 'PublicSubnet1'. The availability zone is 'Asia Pacific (Mumbai) / ap-south-1'. The IPv4 CIDR block is '10.0.0.0/24'. A single tag 'Name' is added with the value 'PublicSubnet1'. The 'Create subnet' button is visible at the bottom right.

Step 19 : Repet this process 3 times more click on Create subnet

The screenshot shows the 'Subnets' page in the AWS VPC Management Console. It lists three subnets: 'subnet-0fabd16e33450988d', 'subnet-06c346b356c815a63', and 'subnet-0f0df607ffc6ecd38', all in the 'Available' state. The 'Create subnet' button is visible at the top right of the list.

Name	Subnet ID	VPC	IPv4 CIDR	IPv6 CIDR
—	subnet-0fabd16e33450988d	vpc-091e73e8517b0a3a6	172.31.16.0/20	—
—	subnet-06c346b356c815a63	vpc-091e73e8517b0a3a6	172.31.32.0/20	—
—	subnet-0f0df607ffc6ecd38	vpc-091e73e8517b0a3a6	172.31.0.0/20	—

Step 20 : Go to Subnet then give it VPC ID as shahid

The screenshot shows the 'Create subnet' wizard in the AWS VPC Management Console. The 'VPC' section is selected. A dropdown menu titled 'Select a VPC' is open, showing two options: 'vpc-00472edef6e542b5 (shahid)' with CIDR '10.0.0.0/16' and 'vpc-091e73e8517b0a3a6 (default)' with CIDR '172.31.0.0/16'. Below the dropdown, a message says 'Select a VPC first to create new subnets.' A button 'Add new subnet' is visible. At the bottom are 'Cancel' and 'Create subnet' buttons.

Step 21: Give it subnet name as a PrivateSubnet-1

The screenshot shows the 'Subnet settings' configuration page for 'Subnet 1 of 1'. Under 'Subnet name', the value 'PrivateSubnet-1' is entered into a text input field. Below it, a note says 'The name can be up to 256 characters long.' Under 'Availability Zone', a dropdown menu shows 'No preference'. Under 'IPv4 CIDR block', the value '10.0.0.0/24' is entered into a search input field. Under 'Tags - optional', a key 'Name' has a value 'PrivateSubnet-1' associated with it. A note at the bottom says 'You can add 49 more tags.' At the bottom of the page are 'Save' and 'Cancel' buttons.

Step 22 : Select Availability Zone As A asia Pacific(Mumbai)/ap-south-1b

The screenshot shows the AWS VPC Management Console with the URL <https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateSubnet>. The 'Availability Zone' dropdown is open, displaying several options. The option 'Asia Pacific (Mumbai) / ap-south-1a' is selected. The 'IPv4 CIDR block' field is empty.

Step 23 : Give it IPV4 CIDR Block as a (10.0.1.0/24)

The screenshot shows the AWS VPC Management Console with the URL <https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateSubnet>. The 'Availability Zone' dropdown is set to 'Asia Pacific (Mumbai) / ap-south-1a'. The 'IPv4 CIDR block' field contains '10.0.1.0/24'. The 'Create subnet' button is highlighted in orange at the bottom right of the form.

Step 24 : Click on create subnet

The screenshot shows the 'Create Subnet' wizard in the AWS VPC Management Console. The 'Subnet 1 of 1' step is selected. The 'Subnet name' field contains 'PrivateSubnet-1'. The 'Availability Zone' dropdown is set to 'Asia Pacific (Mumbai) / ap-south-1'. The 'IPv4 CIDR block' field shows '10.0.1.0/24'. Under 'Tags - optional', there is one tag named 'Name' with value 'PrivateSubnet-1'. A 'Create subnet' button is visible at the bottom right.

Step 25 : Go to Subnet then give it VPC ID as shahid

The screenshot shows the 'Create subnet' wizard in the AWS VPC Management Console. The 'VPC' step is selected. In the 'VPC ID' dropdown, the option 'shahid' is selected. Below the dropdown, a note says 'Select a VPC first to create new subnets.' A 'Create subnet' button is visible at the bottom right.

Step 26: Give it subnet name as a PublicSubnet-2

The screenshot shows the AWS VPC Management Console with the URL <https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateSubnet>. The page is titled "Subnet settings" and displays the configuration for "Subnet 1 of 1". The "Subnet name" field contains "PublicSubnet-2". The "Availability Zone" dropdown is set to "No preference". The "IPv4 CIDR block" field shows "10.0.0.0/24". Under "Tags - optional", there is a single tag "Name: PublicSubnet-2". The bottom of the screen shows the AWS navigation bar and a taskbar with various application icons.

Step 27 : Select Availability Zone As A asia Pacific(Mumbai)/ap-south-1b

The screenshot shows the AWS VPC Management Console with the same URL as the previous step. In the "Availability Zone" dropdown, the option "Asia Pacific (Mumbai) / ap-south-1b" is selected. This option is highlighted in blue. Other options in the dropdown include "No preference", "Asia Pacific (Mumbai) / ap-south-1a" (ID: aps1-a21), "Asia Pacific (Mumbai) / ap-south-1b" (ID: aps1-a23, selected), and "Asia Pacific (Mumbai) / ap-south-1c" (ID: aps1-a22). The bottom of the screen shows the AWS navigation bar and a taskbar with various application icons.

Step 28 : Give it IPV4 CIDR Block as a (10.0.2.0/24)

Subnet 1 of 1

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

PublicSubnet-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 (Mumbai) / ap-south-1b

IPv4 CIDR block [Info](#)
10.0.2.0/24

Key Value - optional
Name PublicSubnet-2 Remove

Add new tag
You can add 49 more tags.
Remove

Add new subnet

Create subnet

Step 29: Click on Create Subnet

Subnet 1 of 1

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

PublicSubnet-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 (Mumbai) / ap-south-1b

IPv4 CIDR block [Info](#)
10.0.2.0/24

Key Value - optional
Name PublicSubnet-2 Remove

Add new tag
You can add 49 more tags.
Remove

Add new subnet

Create subnet

Step 30 : Create 4th subnet name as PrivateSubnet-2

Step 31: Availability Zone as Asia Pacific(Mumbai)/ap-south-1b

Step 32: Give it IPV4 CIDR Block as a (10.0.3.0/24)

The screenshot shows the AWS VPC Management Console interface. A modal window titled "Subnet 1 of 1" is open for creating a new subnet. The "Subnet name" field contains "PrivateSubnet-2". The "Availability Zone" dropdown is set to "Asia Pacific (Mumbai) / ap-south-1b". The "IPv4 CIDR block" input field shows "10.0.3.0/24". Under "Tags - optional", there is a single tag named "Name" with value "PrivateSubnet-2". At the bottom of the modal are "Cancel" and "Create subnet" buttons, with "Create subnet" being highlighted in orange.

Step 33: Click on Route Table which is Lift Hand Side

You have successfully created 1 subnet: subnet-0afdb3407943fda87

Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
PrivateSubnet-2	subnet-0afdb3407943fda87	Available	vpc-00472edefd6e542b5 sha...	10.0.3.0/24	-

Select a subnet

Step 34 : Click On Create Route table

You have successfully created 1 route table: rtb-05f55a407ea4ea2be

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
-	rtb-05f55a407ea4ea2be	-	-	Yes	vpc-091e73e8517b0a3a6
-	rtb-0ee0efbb5259d4f7a	-	-	Yes	vpc-00472edefd6e542b5 sha...

Select a route table

Step 35 : Give It Name As A (Shahid-rt-public)

VPC Management Console

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

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w CSS PYTHON

aws Services Search [Alt+S]

VPC > Route tables > Create route table

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.

VPC
The VPC to use for this route table.

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

You can add 49 more tags.

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Step 36 : Select VPC As shahid

VPC Management Console

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

Aaple Sarkar DBT Gmail Maps YouTube News Translate Sqlite Browser Result CSS New Tab PYTHON

w CSS PYTHON

aws Services Search [Alt+S]

VPC > Route tables > Create route table

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.

VPC
The VPC to use for this route table.

vpc-00472edefd6e542b5 (shahid)
vpc-091e73e8517b0a3a6 (default)

can use tags to search and filter your resources or track your AWS costs.

Key Value - optional

You can add 49 more tags.

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Step 37 : Click On Edit Routes

The screenshot shows the AWS VPC Management Console. A green success message at the top states: "Route table rtb-0ce657dc9f1de1bbb | shahid-rt-public was created successfully." Below this, there's a "Details" section with fields like Route table ID, Main, VPC, and Owner ID. Under the "Routes" tab, a table shows one route entry: Destination 10.0.0.0/16, Target local, Status Active, and Propagated No. There are tabs for Subnet associations, Edge associations, and Route propagation.

Step 38: Click On Add route and then Select destination address 0.0.0.0/0 and then click on save changes

The screenshot shows the "Edit routes" interface for the previously created route table. It lists an existing route (Destination 10.0.0.0/16, Target local, Status Active, Propagated No). Below this, a new route is being added with a Destination of 0.0.0.0/0 and a Target of local. The "Save changes" button is highlighted at the bottom right.

Step 39: Select igm file we created

VPC Management Console

ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-0ce657dc9f1de1bbb

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aws Services Search [Alt+S]

VPC > Route tables > rtb-0ce657dc9f1de1bbb > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No
0.0.0.0/0	igw-01b17446d42e539c7	-	No

Add route Cancel Preview Save changes

Step 40 : Update routes fot shahid-rt-public successfully

VPC Management Console

ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#RouteTableDetails:RouteTableId=rtb-0ce657dc9f1de1bbb

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aws Services Search [Alt+S]

VPC dashboard EC2 Global View New

Filter by VPC: Select a VPC

Virtual private cloud Your VPCs New 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-0ce657dc9f1de1bbb / shahid-rt-public successfully

Details

rtb-0ce657dc9f1de1bbb / shahid-rt-public

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

Details Info

Route table ID rtb-0ce657dc9f1de1bbb	Main No	Explicit subnet associations -	Edge associations -
VPC vpc-00472edefd6e542b5 shahid	Owner ID 554785859741		

Routes Subnet associations Edge associations Route propagation Tags

Routes (2)

Filter routes Both

CloudShell Feedback Language

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Cloud Shell Cloudy

23°C Cloudy

Search

ENG IN 01:29 20-07-2023

Step 41 : Click on Actions And then Click Edit Subnet assosciations.

The screenshot shows the AWS VPC Management Console. The URL is <https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#RouteTableDetails:RouteTableId=rtb-Oce657dc9f1de1bbb>. The page displays a success message: "Updated routes for rtb-Oce657dc9f1de1bbb / shahid-rt-public successfully". Below this, the route table details are shown: Route table ID (rtb-Oce657dc9f1de1bbb), Main (No), VPC (vpc-00472edefd6e542b5 | shahid), Owner ID (554785859741). A context menu is open on the right, with "Edit subnet associations" highlighted. Other options in the menu include Set main route table, Edit edge associations, Edit route propagation, Edit routes, Manage tags, Delete, Troubleshoot, and Trace network reachability. At the bottom, there are tabs for Routes, Subnet associations, Edge associations, Route propagation, and Tags. The Routes tab is selected, showing 2 routes. A search bar and a "Both" filter are also present.

Step 42 : click on Subnets

The screenshot shows the AWS VPC Management Console. The URL is <https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#subnets>. The page displays a table of subnets:

Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
PrivateSubnet-1	subnet-0b2252ea5bfdf85b2	Available	vpc-00472edefd6e542b5 sha...	10.0.1.0/24	-
PrivateSubnet-2	subnet-0afdb3407943fdab7	Available	vpc-00472edefd6e542b5 sha...	10.0.3.0/24	-
PublicSubnet-2	subnet-0ce2acc91e7dc1306	Available	vpc-00472edefd6e542b5 sha...	10.0.2.0/24	-
PublicSubnet1	subnet-052b0b2684ce92ee6	Available	vpc-00472edefd6e542b5 sha...	10.0.0.0/24	-
-	subnet-06c346b356c815a63	Available	vpc-091e73e8517b0a3a6	172.31.32.0/20	-

A context menu is open on the right, with "Edit subnet associations" highlighted. Other options in the menu include Set main route table, Edit edge associations, Edit route propagation, Edit routes, Manage tags, Delete, Troubleshoot, and Trace network reachability. At the bottom, there are tabs for Subnets, Subnet associations, Edge associations, Route propagation, and Tags. The Subnets tab is selected, showing 7 subnets. A search bar and a "Both" filter are also present.

Step 43 : Check whether subnet connected or not to route table select PublicSubnet-2 then we can see it successfully connected (shahid-rt-public) Route table

The screenshot shows the AWS VPC Management Console with the Subnets page open. The left sidebar shows various VPC components like Virtual private cloud, Subnets, Route tables, Internet gateways, Egress-only internet gateways, DHCP option sets, Elastic IPs, Managed prefix lists, Endpoints, Endpoint services, NAT gateways, and Peering connections. The main area displays a table of subnets with columns: Name, Subnet ID, State, VPC, IPv4 CIDR, and IPv6 CIDR. One subnet, PublicSubnet-2, is selected and highlighted with a blue border. Below the table, tabs for Details, Flow logs, Route table, Network ACL, CIDR reservations, Sharing, and Tags are visible, with 'Route table' being the active tab. A message indicates that network connectivity can be checked using the Reachability Analyzer. At the bottom, a route table summary for 'rtb-0ce657dc9f1de1bbb / shahid-rt-public' is shown with two routes.

Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
subnet-0fabd16e33450988d	Available	vpc-091e73e8517b0a3a6	172.31.16.0/20	-	-
PrivateSubnet-1	Available	vpc-00472edefd6e542b5 sha...	10.0.1.0/24	-	-
PrivateSubnet-2	Available	vpc-00472edefd6e542b5 sha...	10.0.3.0/24	-	-
PublicSubnet-2	Available	vpc-00472edefd6e542b5 sha...	10.0.2.0/24	-	-
PublicSubnet1	Available	vpc-00472edefd6e542b5 sha...	10.0.0.0/24	-	-
subnet-06c346b356c815a63	Available	vpc-091e73e8517b0a3a6	172.31.32.0/20	-	-

Now we are created VPC successfully!!!!

Tip : don't need to delete VPC Bz Its completely free for all