

Amazon Workflow



1

Navigate to us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1

2

Click this checkbox.

The screenshot shows the AWS VPC Route Tables page. On the left, there's a sidebar with options like VPC dashboard, EC2 Global View, Filter by VPC, Virtual private cloud, Route tables (which is selected and highlighted in orange), Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, Elastic IPs, Managed prefix lists, Endpoints, Endpoint services, NAT gateways, and Direct connections. The main content area has a title "Route tables (2) Info" and a search bar. Below it is a table with columns: Name, Route table ID, Explicit subnet associat..., Edge associations, Main, and VPC. There are two rows: one with Route table ID rtb-04a6fec58e9ccf2bd and another with rtb-04df5536ec878ac13. The first row's checkbox is circled in yellow. At the bottom, there's a "Select a route table" section and some footer text.

Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC
-	rtb-04a6fec58e9ccf2bd	-	-	Yes	vpc-0538fdc27f865dd24 proj..
-	rtb-04df5536ec878ac13	-	-	Yes	vpc-0ee80fc1c05edf1c3

3 Click here.

The screenshot shows the AWS VPC Route Tables page. On the left, there's a sidebar with options like VPC dashboard, EC2 Global View, Filter by VPC, Virtual private cloud, Subnets, Route tables, Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, Elastic IPs, Managed prefix lists, Endpoints, Endpoint services, NAT gateways, and Direct connections. The 'Route tables' section is expanded. In the main area, there's a table titled 'Route tables (1/2) Info'. It has columns for Name, Route table ID, Explicit..., Edge associations, Main, and VPC. Two rows are listed: one with a checked checkbox and another with an unchecked checkbox. The row with the checked checkbox is highlighted with an orange circle. Below the table, the route table ID 'rtb-04a6fec58e9ccf2bd' is shown. Underneath it, there are tabs for Details, Routes, Subnet associations, Edge associations, Route propagation, and Tags. The 'Details' tab is active. A message says 'You can now check network connectivity with Reachability Analyzer' with a 'Run Reachability Analyzer' button. At the bottom, there's a feedback link, copyright information, and links for Privacy, Terms, and Cookie preferences.

4 Click "Routes"

This screenshot is identical to the one above, except the 'Routes' tab is now highlighted with an orange circle instead of the 'Details' tab. All other elements, including the table of route tables and the message at the bottom, remain the same.

5 Click "Subnet associations"

The screenshot shows the AWS VPC Route Tables page. On the left sidebar, under 'Route tables', the 'Subnet associations' tab is highlighted with an orange circle. In the main content area, the 'Subnet associations' tab is also highlighted with an orange circle. The table lists two route tables:

Name	Route table ID	Explicit...	Edge associations	Main	VPC
-	rtb-04a6fec58e9ccf2bd	-	-	Yes	vpc-0538fdc27f865dd24 project
-	rtb-04df5536ec878ac13	-	-	Yes	vpc-0ee80fc1c05edf1c3

6 Click "Routes"

The screenshot shows the AWS VPC Route Tables page. On the left sidebar, under 'Route tables', the 'Routes' tab is highlighted with an orange circle. In the main content area, the 'Routes' tab is also highlighted with an orange circle. The table lists one route:

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No

7 Click "Edit routes"

The screenshot shows the AWS VPC Route Tables page. On the left, there's a sidebar with options like VPC dashboard, EC2 Global View, Filter by VPC, Virtual private cloud, Subnets, and Route tables (which is selected). The main area displays two route tables: 'rtb-04a6fec58e9ccf2bd' and 'rtb-04df5536ec878ac13'. The first route table is selected. Below it, the 'Routes' tab is active, showing one route entry: 'Destination: 10.0.0.0/16, Target: local, Status: Active, Propagated: No'. An orange circle highlights the 'Edit routes' button at the top right of this section.

8 Click "Add route"

The screenshot shows the 'Edit routes' dialog box. It has a table with columns: Destination, Target, Status, and Propagated. One row is present: 'Destination: 10.0.0.0/16, Target: local, Status: Active, Propagated: No'. At the bottom left of the dialog, there's a blue button labeled 'Add route' with an orange circle around it. At the bottom right, there are 'Cancel', 'Preview', and 'Save changes' buttons.

9 Click this search field.

The screenshot shows the AWS VPC Edit routes interface. At the top, there's a navigation bar with the AWS logo, 'Services' dropdown, a search bar containing 'Search [Option+S]', and account information for 'N. Virginia' and 'theflash'. Below the navigation is a breadcrumb trail: 'VPC > Route tables > rtb-04a6fec58e9ccf2bd > Edit routes'. The main area is titled 'Edit routes'. It features a table with columns: 'Destination', 'Target', 'Status', and 'Propagated'. One row is visible: '10.0.0.0/16' with 'local' as the target, 'Active' status, and 'No' propagated. To the left of the table is a sidebar with a list of destination options: '0.0.0.0/0', '0.0.0.0/8', '0.0.0.0/16', '0.0.0.0/24', '0.0.0.0/32', '::/0', '::/16', '::/32', '::/48', and '::/64'. A blue circular icon with a red dot is located at the bottom left. An orange circle highlights the search input field in the sidebar.

10 Click "0.0.0.0/0"

This screenshot is identical to the previous one, showing the AWS VPC Edit routes interface. The search field in the sidebar is highlighted with an orange circle. The sidebar list includes '0.0.0.0/0', '0.0.0.0/8', '0.0.0.0/16', '0.0.0.0/24', '0.0.0.0/32', '::/0', '::/16', '::/32', '::/48', and '::/64'. A blue circular icon with a red dot is at the bottom left.

11 Click this search field.

The screenshot shows the AWS VPC Edit routes interface. At the top, there's a search bar with the placeholder "Search [Option+S]" and a dropdown menu with "N. Virginia" and "theflash". Below the header, the breadcrumb navigation shows "VPC > Route tables > rtb-04a6fec58e9ccf2bd > Edit routes". The main section is titled "Edit routes". A table lists route entries:

Destination	Target	Status	Propagated
10.0.0.0/16	Q local	Active	No
Q 0.0.0.0/0	Carrier Gateway	-	No

Below the table is a "Add route" button. To the right, there are "Cancel", "Preview", and "Save changes" buttons. A sidebar on the left contains a search input "Q local" with a magnifying glass icon, which is highlighted with an orange circle. The sidebar also lists targets: Carrier Gateway, Core Network, Egress Only Internet Gateway, Gateway Load Balancer Endpoint, Instance, Internet Gateway, local, NAT Gateway, Network Interface, and Outpost Local Gateway.

12 Click "Internet Gateway" because we want to connect outside of the world.

The screenshot shows the AWS VPC Edit routes interface. The search bar at the top has "local" typed into it. The breadcrumb navigation is identical to the previous screenshot. The main section is titled "Edit routes". A table lists route entries:

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

Below the table is a "Add route" button. To the right, there are "Cancel" and "Save changes" buttons. A sidebar on the left contains a search input "Q" with a magnifying glass icon, which is highlighted with an orange circle. The sidebar also lists targets: Carrier Gateway, Core Network, Egress Only Internet Gateway, Gateway Load Balancer Endpoint, Instance, Internet Gateway, local, NAT Gateway, Network Interface, and Outpost Local Gateway. The "Internet Gateway" option is highlighted with an orange circle.

13 Click here.

VPC > Route tables > rtb-04a6fec58e9ccf2bd > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No
0.0.0.0/0	igw-0c0e6ac4a074c2da3 (my-custom-vpc-igw)	-	No

Add route

Cancel Preview Save changes

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14 Click "Save changes"

VPC > Route tables > rtb-04a6fec58e9ccf2bd > Edit routes

Edit routes

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No
0.0.0.0/0	igw-0c0e6ac4a074c2da3	-	No

Add route

Cancel Preview Save changes

Feedback Looking for language selection? Find it in the new Unified Settings [\[?\]](#)

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15 Click "Subnet associations"

The screenshot shows the AWS VPC dashboard. A green banner at the top indicates "Updated routes for rtb-04a6fec58e9ccf2bd successfully". The left sidebar shows navigation options like VPC dashboard, EC2 Global View, and various VPC components. The main content area is focused on a specific route table, with tabs for Routes, Subnet associations, Edge associations, Route propagation, and Tags. The Subnet associations tab is highlighted with an orange circle. Below it, a table lists routes with columns for Destination, Target, Status, and Propagated. Two routes are listed: one to igw-0c0e6ac4a074c2da3 and another to local.

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0c0e6ac4a074c2da3	Active	No
10.0.0.0/16	local	Active	No

16 Click "Route tables"

The screenshot shows the AWS VPC dashboard. A green banner at the top indicates "Updated routes for rtb-04a6fec58e9ccf2bd successfully". The left sidebar shows navigation options like VPC dashboard, EC2 Global View, and various VPC components. The main content area is focused on a specific route table, with tabs for VPC, Route tables, and rtb-04a6fec58e9ccf2bd. The Route tables tab is highlighted with an orange circle. Below it, a table shows details for the route table, including its ID, Main status, and Owner ID. The Subnet associations tab is also visible below the details.

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-04a6fec58e9ccf2bd	Yes	-	-

17 Click "Create route table"

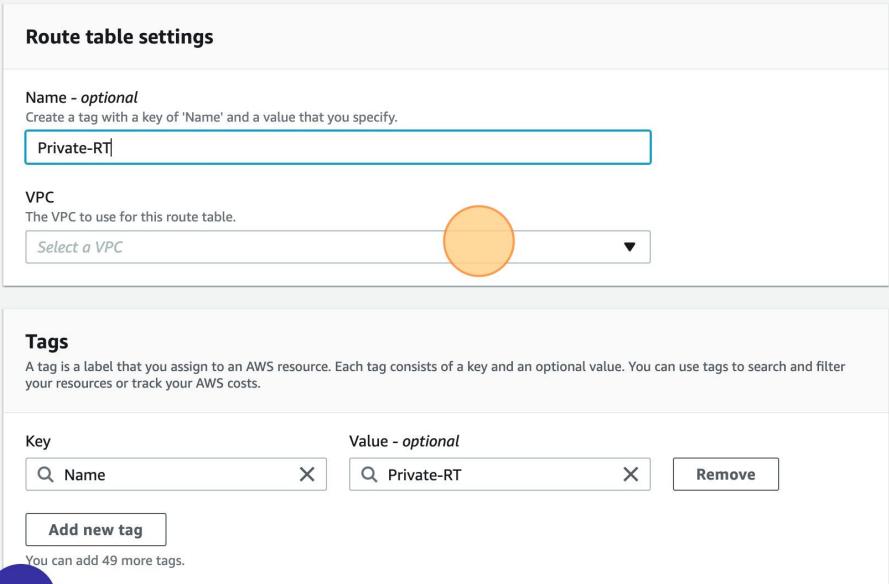
The screenshot shows the AWS VPC Route Tables page. On the left, there's a sidebar with options like 'Virtual private cloud', 'Route tables' (which is selected and highlighted in orange), and 'Internet gateways'. The main area displays a table of route tables with columns for Name, Route table ID, Explicit subnet associat..., Edge associations, Main, and VPC. Two route tables are listed: 'rtb-04a6fec58e9ccf2bd' and 'rtb-04df5536ec878ac13'. At the top right of the table area, there's a 'Create route table' button, which is also circled in orange.

18 Click the "Name - optional" field.

The screenshot shows the 'Create route table' wizard. The first step, 'Route table settings', is displayed. It has fields for 'Name - optional' (containing 'my-route-table-01') and 'VPC' (with a dropdown menu labeled 'Select a VPC'). Below these, there's a 'Tags' section with a note about what tags are. At the bottom of the step, there's a 'Next Step' button. The entire 'Route table settings' section is highlighted with a large orange circle.

19 Type "Private-RT"

20 Click "Select a VPC"



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.

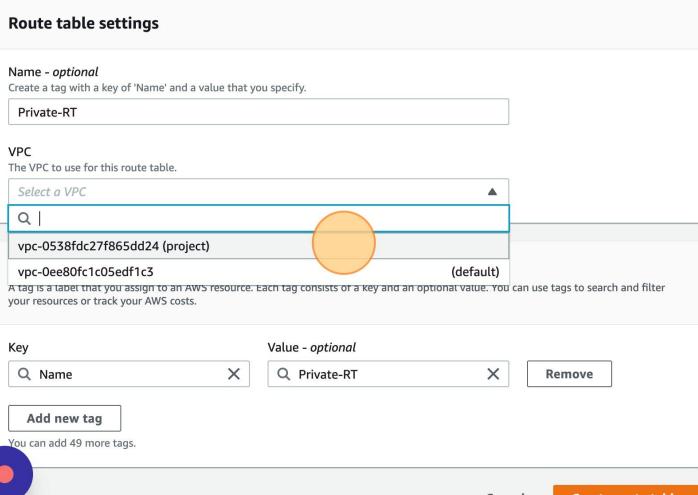
VPC
The VPC to use for this route table.

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.

21 Click here.



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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22 Click "Create route table"

Route table settings

Name - optional
Create a tag with a key of 'Name' and a value that you specify.
Private-RT

VPC
The VPC to use for this route table.
vpc-0538fdc27f865dd24 (project)

Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key Value - optional
Name Private-RT Remove

Add new tag
You can add 49 more tags.

Create route table

23 Click "Subnet associations"

Route table rtb-044f0d281eb662e86 | Private-RT was created successfully.

Details	Info	Main	Explicit subnet associations	Edge associations
Route table ID rtb-044f0d281eb662e86	Main No	Owner ID vpc-0538fdc27f865dd24 project	-	-

Subnet associations

Routes (1)	Edit routes		
Filter routes	Both		
Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No

24

Click "Edit subnet associations". Although here, Private subnets are showing and we have given IGW access to this route table but Private subnets will not be able to connect outside of the world because we did not enable auto-assign IPv4 setting for Private subnets. Next step, We will separate it out these Private subnets in different route table i.e. "Private-RT".

Route table rtb-044f0d281eb662e86 | Private-RT was created successfully.

Explicit subnet associations (0)

Subnets without explicit associations (4)

Edit subnet associations

Subnet ID	IPv4 CIDR	IPv6 CIDR
subnet-0cd433234f8b0614d / Public-1a	10.0.0.0/20	-
subnet-05bfc22ba2bb3d69b / Public-1b	10.0.16.0/20	-
subnet-08e1dd784a0eefbd3 / Private-1a	10.0.32.0/20	-
subnet-0e5b5a459f7d4b282 / Private-1b	10.0.48.0/20	-

25

Click this checkbox.

VPC > Route tables > rtb-044f0d281eb662e86 > Edit subnet associations

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (4)

<input type="checkbox"/>	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input type="checkbox"/>	Public-1a	subnet-0cd433234f8b0614d	10.0.0.0/20	-	Main (rtb-04afec58e9ccf2bd)
<input checked="" type="checkbox"/>	Public-1b	subnet-05bfc22ba2bb3d69b	10.0.16.0/20	-	Main (rtb-04afec58e9ccf2bd)
<input type="checkbox"/>	Private-1a	subnet-08e1dd784a0eefbd3	10.0.32.0/20	-	Main (rtb-04afec58e9ccf2bd)
<input type="checkbox"/>	Private-1b	subnet-0e5b5a459f7d4b282	10.0.48.0/20	-	Main (rtb-04afec58e9ccf2bd)

Save associations

26 Click this checkbox.

VPC > Route tables > rtb-044f0d281eb662e86 > Edit subnet associations

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (1/4)

Filter subnet associations

	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route tab
<input type="checkbox"/>	Public-1a	subnet-0cd433234f8b0614d	10.0.0.0/20	-	Main (rtb-044f0d281eb662e86)
<input type="checkbox"/>	Public-1b	subnet-05bfc22ba2bb3d69b	10.0.16.0/20	-	Main (rtb-044f0d281eb662e86)
<input checked="" type="checkbox"/>	Private-1a	subnet-08e1dd784a0eefbd3	10.0.32.0/20	-	Main (rtb-044f0d281eb662e86)
<input type="checkbox"/>	Private-1b	subnet-0e5b5a459f7d4b282	10.0.48.0/20	-	Main (rtb-044f0d281eb662e86)

Selected subnets

subnet-08e1dd784a0eefbd3 / Private-1a



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27

Click "Save associations"

aws Services Search [Option+S] N. Virginia theflash

VPC > Route tables > rtb-044f0d281eb662e86 > Edit subnet associations

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (2/4)

Filter subnet associations

< 1 >

	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input type="checkbox"/>	Public-1a	subnet-0cd433234f8b0614d	10.0.0.0/20	-	Main (rtb-04a6fec58e9ccf2bd)
<input type="checkbox"/>	Public-1b	subnet-05bfc22ba2bb3d69b	10.0.16.0/20	-	Main (rtb-04a6fec58e9ccf2bd)
<input checked="" type="checkbox"/>	Private-1a	subnet-08e1dd784a0eefbd3	10.0.32.0/20	-	Main (rtb-04a6fec58e9ccf2bd)
<input checked="" type="checkbox"/>	Private-1b	subnet-0e5b5a459f7d4b282	10.0.48.0/20	-	Main (rtb-04a6fec58e9ccf2bd)

Selected subnets

subnet-0e5b5a459f7d4b282 / Private-1b subnet-08e1dd784a0eefbd3 / Private-1a



Feedback Looking for language selection? Find it in the new Unified Settings

Cancel

Save associations

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28 Click "Subnet associations"

The screenshot shows the AWS VPC dashboard. On the left, there's a sidebar with options like VPC dashboard, EC2 Global View, Filter by VPC, Virtual private cloud, Route tables, Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, Elastic IPs, Managed prefix lists, Endpoints, Endpoint services, NAT gateways, and Direct connections. A blue circular icon is visible near the bottom left of the sidebar.

The main content area has a green header bar stating: "You have successfully updated subnet associations for rtb-044f0d281eb662e86 / Private-RT." Below this, there's a "Details" section with fields for Route table ID (rtb-044f0d281eb662e86), Main (No), VPC (vpc-0538fdc27f865dd24 | project), Owner ID (111617026718), Explicit subnet associations (2 subnets), and Edge associations (empty). There are tabs for Routes, Subnet associations (which is highlighted with an orange circle), Edge associations, Route propagation, and Tags. Under the Subnet associations tab, there's a "Routes (1)" section with a table showing one route: Destination 10.0.0.0/16, Target local, Status Active, and Propagated No.

29 Click "Route tables"

The screenshot shows the AWS VPC dashboard. The sidebar is identical to the previous screenshot. A blue circular icon is visible near the bottom left of the sidebar.

The main content area has a green header bar stating: "You have successfully updated subnet associations for rtb-044f0d281eb662e86 / Private-RT." Below this, there's a breadcrumb navigation: VPC > Route tables > rtb-044f0d281eb662e86. There's also an "Actions" dropdown menu. A callout message says: "You can now check network connectivity with Reachability Analyzer" with a "Run Reachability Analyzer" button.

The "Details" section shows the same information as the previous screenshot: Route table ID (rtb-044f0d281eb662e86), Main (No), VPC (vpc-0538fdc27f865dd24 | project), Owner ID (111617026718), Explicit subnet associations (2 subnets), and Edge associations (empty). The "Subnet associations" tab is highlighted with an orange circle. Below it, there's a "Explicit subnet associations (2)" section with a table showing two associations: Subnet 1 and Subnet 2.

30 Click here.

The screenshot shows the AWS VPC Route Tables page. On the left, there's a sidebar with options like 'Virtual private cloud', 'Route tables' (which is selected and highlighted in orange), and 'NAT gateways'. The main area displays a table titled 'Route tables (3)'. The table has columns for Name, Route table ID, Explicit subnet associations, Edge associations, Main, and VPC. One row is labeled 'Private-RT' with ID 'rtb-044f0d281eb662e86'. Another row is empty. A third row is highlighted with a yellow circle and contains the ID 'rtb-04a6fec58e9ccf2bd'. Below the table, there's a section titled 'Select a route table'.

Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC
Private-RT	rtb-044f0d281eb662e86	2 subnets	-	No	vpc-0538fdc27f865dd24 proj..
-	rtb-04a6fec58e9ccf2bd	-	-	Yes	vpc-0538fdc27f865dd24 proj..
-	rtb-04df5536ec878ac13	-	-	Yes	vpc-0ee80fc1c05edf1c3

31 Click "rtb-04a6fec58e9ccf2bd"

This screenshot shows the same VPC Route Tables page as the previous one, but with the row containing the ID 'rtb-04a6fec58e9ccf2bd' expanded. The expanded row shows more details: it has a 'Select' checkbox, a 'Name' column showing 'rtb-04a6fec58e9ccf2bd', a 'Route table ID' column showing 'rtb-04a6fec58e9ccf2bd' again, an 'Explicit subnet associations' column showing '2 subnets', an 'Edge associations' column showing 'No', a 'Main' column showing 'Yes', and a 'VPC' column showing 'vpc-0538fdc27f865dd24 | proj..'. The rest of the table and the 'Select a route table' section below remain the same.

32

Click "Subnet associations"

The screenshot shows the AWS VPC dashboard. On the left, there's a sidebar with options like 'VPC dashboard', 'EC2 Global View', 'Virtual private cloud', 'Route tables' (which is selected and highlighted in orange), and others. The main content area shows 'Details' for a route table with fields like 'Route table ID' (rtb-04a6fec58e9ccf2bd), 'Main' (Yes), 'Owner ID' (111617026718), and 'Explicit subnet associations' and 'Edge associations' both listed as '-'. Below this, there are tabs for 'Routes' (selected), 'Subnet associations' (highlighted with an orange circle), 'Edge associations', 'Route propagation', and 'Tags'. Under the 'Routes' tab, it says '(2)' and shows a table with two entries:

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0c0e6ac4a074c2da3	Active	No
10.0.0.0/16	local	Active	No

At the bottom, there are links for 'Feedback', 'Unified Settings', 'Privacy', 'Terms', and 'Cookie preferences'.