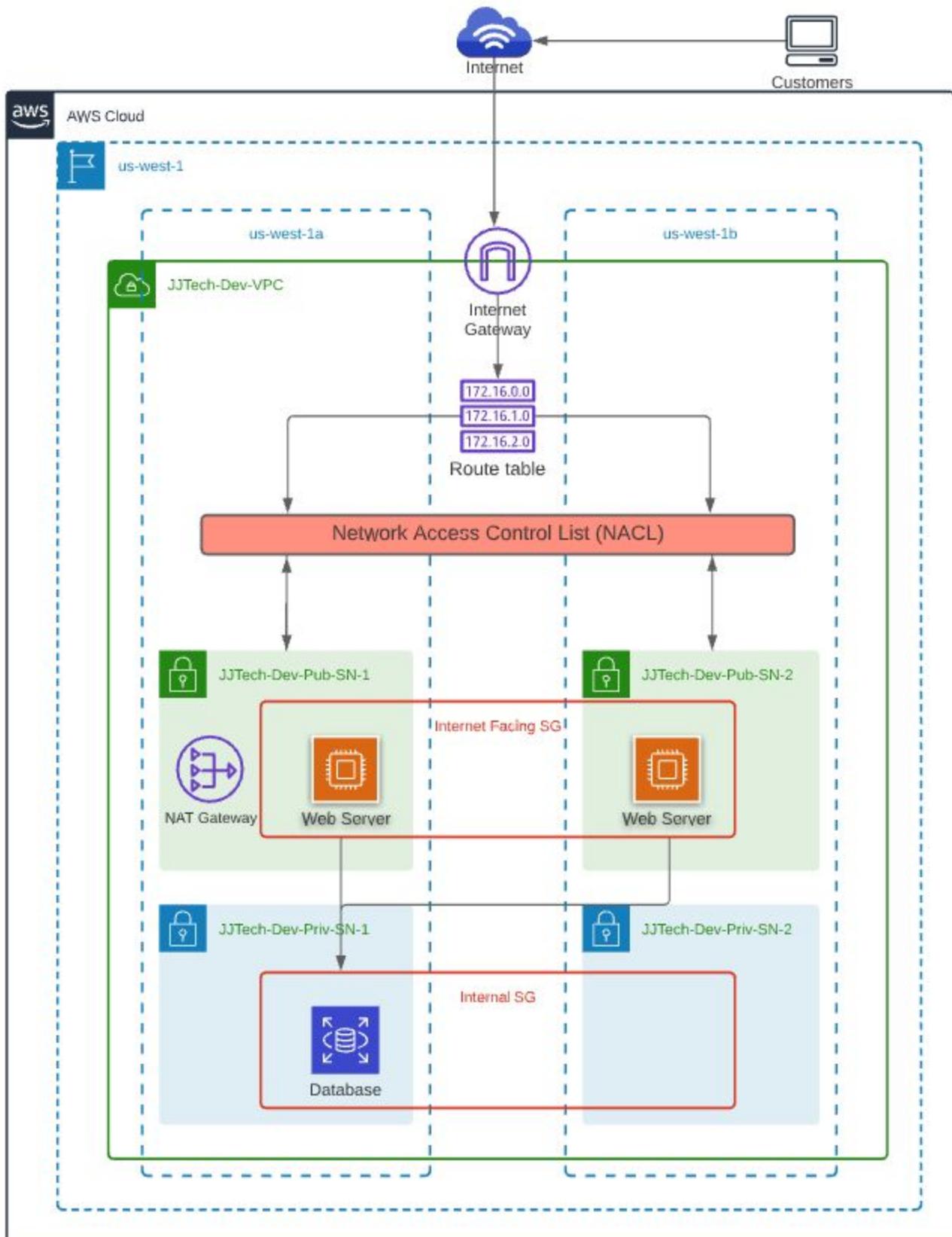


Setting Up a Two Tier-Network-Infra



1) Create Virtual Private Network

The screenshot shows the AWS Management Console search results for 'vpc'. The search bar at the top contains 'vpc' with a red arrow pointing to it. Below the search bar, there is a sidebar with 'Services (4)' selected, followed by 'Features (21)', 'Documentation (33,522)', and 'Marketplace (245)'. The main content area is titled 'Services' and shows a list with 'VPC' highlighted with a red arrow. Other items in the list include 'Isolated Cloud Resources'. To the right, there is a 'Details' panel for the VPC service.

- Click on VPCs

The screenshot shows the AWS VPC Dashboard. On the left, there is a sidebar with 'VPC Dashboard New' selected, followed by 'Filter by VPC:' and 'Select a VPC'. Below this, under 'VIRTUAL PRIVATE CLOUD', there is a section titled 'Your VPCs New' with a red arrow pointing to it. Other options in this section include 'Subnets New', 'Route Tables', 'Internet Gateways New', 'Egress Only Internet Gateways New', 'DHCP Options Sets New', 'Elastic IPs New', 'Managed Prefix Lists New', 'Endpoints', 'Endpoint Services', 'NAT Gateways New', and 'Peering Connections'. Under 'SECURITY', there are 'Network ACLs New' and 'Security Groups New'. At the bottom, there are links for 'Feedback' and 'English (US) ▾'. The main content area is titled 'Resources by Region' and shows a grid of resources with counts for the N. California region. The resources listed are: VPCs (1), NAT Gateways (0), Subnets (2), VPC Peering Connections (0), Route Tables (1), Network ACLs (1), Internet Gateways (1), Security Groups (20), Egress-only Internet Gateways (0), Customer Gateways (0), DHCP options sets (1), Virtual Private Gateways (0), Elastic IPs (0), and Site-to-Site VPN Connections (0). There are also buttons for 'Launch VPC Wizard' and 'Launch EC2 Instances'.

● Create VPC

The screenshot shows the AWS VPC Dashboard. On the left sidebar, under 'VIRTUAL PRIVATE CLOUD', there is a 'Your VPCs' section. A single VPC entry is listed with the following details:

| Name | VPC ID | State | IPv4 CIDR | IPv6 CIDR |
|------|--------------|-----------|---------------|-----------|
| - | vpc-ae52a3c8 | Available | 172.31.0.0/16 | - |

At the top right of the main content area, there is a 'Create VPC' button, which is highlighted with a red arrow.

● Provide VPC Name, CIDR Block and Create VPC

The screenshot shows the 'Create VPC' wizard. In the 'VPC settings' step, the following fields are filled in:

- Name tag - optional:** JJTech-Dev-VPC (highlighted with a red arrow)
- IPv4 CIDR block:** 10.0.0.0/16 (highlighted with a red arrow)
- Tenancy:** Default

Below the settings, there is a 'Tags' section with a note about what tags are. A single tag is defined:

| Key | Value - optional |
|------|------------------|
| Name | JJTech-Dev-VPC |

At the bottom of the page, there is a 'Feedback' link and a note about the copyright year.

[Cancel](#)[Create VPC](#)

Feedback English (US) ▾

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● Confirm your VPC was created

You successfully created **vpc-088ca92cf1857eda9 / JJTech-Dev-VPC**

vpc-088ca92cf1857eda9 / JJTech-Dev-VPC

Details [Info](#)

| | | | |
|---------------------------------|-----------------------------------|---|---|
| VPC ID vpc-088ca92cf1857eda9 | State Available | DNS hostnames Disabled | DNS resolution Enabled |
| Tenancy Default | DHCP options set dopt-06759560 | Main route table rtb-07ea93c7f06163587 | Main network ACL acl-080ad0279c9dfa9f6 |
| Default VPC No | IPv4 CIDR 10.0.0.0/16 | IPv6 CIDR - | Owner ID 036868236649 |

CIDRs [Flow logs](#) [Tags](#)

IPv4 CIDRs [Info](#)

| | |
|---------------------|----------------------|
| CIDR 10.0.0.0/16 | Status Associated |
|---------------------|----------------------|

Feedback English (US) ▾

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2) Create Two Private Subnets (JJTech-Dev-Private-Subnet-1 and JJTech-Dev-Private-Subnet-2)

Subnets (2) [Info](#)

| Name | Subnet ID | State | VPC | IPv4 CIDR |
|------|-----------------|-----------|--------------|----------------|
| - | subnet-5547bb0f | Available | vpc-ae52a3c8 | 172.31.0.0/20 |
| - | subnet-6dcf6c0b | Available | vpc-ae52a3c8 | 172.31.16.0/20 |

Select a subnet

Feedback English (US) ▾

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Create subnet Info

VPC

VPC ID

Create subnets in this VPC.

vpc-088ca92cf1857eda9 (JJTech-Dev-VPC) 



Associated VPC CIDRs

IPv4 CIDRs

10.0.0.0/16

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.

JJTech-Dev-Private-Subnet-1 

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.

US West (N. California) / us-west-1a 



IPv4 CIDR block Info

Q 10.0.1.0/24  X

▼ Tags - optional

Key

Value - optional

Q Name X

Q JJTech-Dev-Private-Subnet-1 X

Remove

Add new tag

You can add 49 more tags.

Remove

Add new subnet

Cancel

Create subnet 

● Create Second Private Subnet (JJTech-Dev-Private-Subnet-2)

The screenshot shows the AWS VPC Subnets page. At the top, a success message says "You have successfully created 1 subnet: subnet-0b85051e57bf7e189". On the left sidebar, under the "VIRTUAL PRIVATE CLOUD" section, the "Subnets" link is highlighted with a red arrow. In the main content area, the "Create subnet" button is also highlighted with a red arrow. The table lists three subnets:

| Name | Subnet ID | State | VPC | IPv4 CIDR |
|-----------------------------|--------------------------|-----------|--------------------------------|----------------|
| JJTech-Dev-Private-Subnet-1 | subnet-0b85051e57bf7e189 | Available | vpc-088ca92cf1857eda9 JJT... | 10.0.1.0/24 |
| - | subnet-5547bb0f | Available | vpc-ae52a3c8 | 172.31.0.0/20 |
| - | subnet-6dcf6c0b | Available | vpc-ae52a3c8 | 172.31.16.0/20 |

Below the table, a "Select a subnet" dropdown is open. The footer contains standard AWS navigation links: Feedback, English (US), Privacy Policy, Terms of Use, and Cookie preferences.

Create subnet Info

VPC

VPC ID

Create subnets in this VPC.

Associated VPC CIDRs

IPv4 CIDRs

10.0.0.0/16

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.

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.

IPv4 CIDR block Info

▼ Tags - optional

Key

Value - optional

You can add 49 more tags.

- **Creating Two Public Subnets (JJTech-Dev-Public-Subnet-1 and JJTech-Dev-Public-Subnet-2)**

- **Create First Public Subnet (JJTech-Dev-Public-Subnet-1)**

The screenshot shows the AWS Subnets page. At the top, there is a success message: "You have successfully created 1 subnet: subnet-05a4a889435e189f1". The main table displays four existing subnets:

| <input type="checkbox"/> | Name | Subnet ID | State | VPC | IPv4 CIDR |
|--------------------------|-----------------------------|--------------------------|-----------|--------------------------------|----------------|
| <input type="checkbox"/> | JJTech-Dev-Private-Subnet-2 | subnet-05a4a889435e189f1 | Available | vpc-088ca92cf1857eda9 JJT... | 10.0.2.0/24 |
| <input type="checkbox"/> | JJTech-Dev-Private-Subnet-1 | subnet-0b85051e57bf7e189 | Available | vpc-088ca92cf1857eda9 JJT... | 10.0.1.0/24 |
| <input type="checkbox"/> | - | subnet-5547bb0f | Available | vpc-ae52a3c8 | 172.31.0.0/20 |
| <input type="checkbox"/> | - | subnet-6dcf6c0b | Available | vpc-ae52a3c8 | 172.31.16.0/20 |

A red arrow points to the "Create subnet" button in the top right corner of the table header.

Select a subnet

Create subnet Info

VPC

VPC ID

Create subnets in this VPC.

Associated VPC CIDRs

IPv4 CIDRs

10.0.0.0/16

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.

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.

IPv4 CIDR block Info

▼ Tags - optional

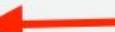
Key

Value - optional

You can add 49 more tags.

- Create Second Public Subnet (JJTech-Dev-Public-Subnet-2)

You have successfully created 1 subnet: subnet-08f0576aa1b0f32a6

| Subnets (5) Info | | | | | Actions ▾ | Create subnet |
|----------------------------------|-----------------------------|--------------------------|------------------------|--------------------------------|---------------------------|-------------------------------|
| | Name | Subnet ID | State | VPC | IPv4 CIDR | |
| <input type="checkbox"/> | JJTech-Dev-Private-Subnet-2 | subnet-05a4a889435e189f1 | Available | vpc-088ca92cf1857eda9 JJT... | 10.0.2.0/24 | |
| <input type="checkbox"/> | JJTech-Dev-Private-Subnet-1 | subnet-0b85051e57bf7e189 | Available | vpc-088ca92cf1857eda9 JJT... | 10.0.1.0/24 | |
| <input type="checkbox"/> | - | subnet-5547bb0f | Available | vpc-ae52a3c8 | 172.31.0.0/20 | |
| <input type="checkbox"/> | JJTech-Dev-Public-Subnet-1 | subnet-08f0576aa1b0f32a6 | Available | vpc-088ca92cf1857eda9 JJT... | 10.0.3.0/24 | |
| <input type="checkbox"/> | - | subnet-6dcf6c0b | Available | vpc-ae52a3c8 | 172.31.16.0/20 | |

Select a subnet

Create subnet Info

VPC

VPC ID

Create subnets in this VPC.

Associated VPC CIDRs

IPv4 CIDRs

10.0.0.0/16

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.

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.

IPv4 CIDR block Info

▼ Tags - optional

Key

Value - optional

You can add 49 more tags.

- Confirm you have all 4 Subnets (Two Private and Two Public Subnets)

| Subnets (6) Info | | | | | | Actions ▾ | Create subnet |
|-------------------------------------|-----------------------------|--------------------------|------------------------|--------------------------------|----------------|---------------------------|-------------------------------|
| | Name | Subnet ID | State | VPC | IPv4 CIDR | | |
| <input checked="" type="checkbox"/> | JJTech-Dev-Public-Subnet-2 | subnet-07630defa854bee9d | Available | vpc-088ca92cf1857eda9 JJT... | 10.0.4.0/24 | | |
| <input checked="" type="checkbox"/> | JJTech-Dev-Public-Subnet-1 | subnet-08f0576aa1b0f32a6 | Available | vpc-088ca92cf1857eda9 JJT... | 10.0.3.0/24 | | |
| <input checked="" type="checkbox"/> | JJTech-Dev-Private-Subnet-2 | subnet-05a4a889435e189f1 | Available | vpc-088ca92cf1857eda9 JJT... | 10.0.2.0/24 | | |
| <input checked="" type="checkbox"/> | JJTech-Dev-Private-Subnet-1 | subnet-0b85051e57bf7e189 | Available | vpc-088ca92cf1857eda9 JJT... | 10.0.1.0/24 | | |
| <input type="checkbox"/> | - | subnet-5547bb0f | Available | vpc-ae52a3c8 | 172.31.0.0/20 | | |
| <input type="checkbox"/> | - | subnet-6dcf6c0b | Available | vpc-ae52a3c8 | 172.31.16.0/20 | | |

3) Create Two Route Tables (Public and Private Route Table)

AWS Services ▾ Search for services, features, marketplace products, and docs [Option+S] Mbandi DevOps Engineer ▾ N. California ▾ Support ▾

New VPC Experience Tell us what you think

VPC Dashboard [New](#)

Filter by VPC: [Select a VPC](#)

VIRTUAL PRIVATE CLOUD

- Your VPCs [New](#)
- Subnets [New](#)
- Route Tables** 
- Internet Gateways [New](#)
- Egress Only Internet Gateways [New](#)
- DHCP Options Sets [New](#)
- Elastic IPs [New](#)
- Managed Prefix Lists [New](#)
- Endpoints
- Endpoint Services
- NAT Gateways [New](#)
- Peering Connections

SECURITY

- Network ACLs [New](#)
- Security Groups [New](#)

[Feedback](#) [English \(US\) ▾](#)

Create route table Actions ▾ Filter by tags and attributes or search by keyword 1 to 2 of 2

| Name | Route Table ID | Explicit subnet association | Edge associations | Main | VPC ID | Owner |
|-----------------------|----------------|-----------------------------|-------------------|------|-----------------------------|--------------|
| rtb-07ea93c7f06163587 | - | - | - | Yes | vpc-088ca92cf1857eda9 ... | 036868236649 |
| rtb-5da0cc3b | - | - | - | Yes | vpc-ae52a3c8 | 036868236649 |

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• Create Private Route Table

Screenshot of the AWS Route Tables 'Create route table' page.

The 'Name tag' field contains 'JJTech-Dev-Private-RouteTable' with a red arrow pointing to it.

The 'VPC*' dropdown menu shows two options: 'vpc-088ca92cf1857eda9 JJTech-Dev-VPC' and 'vpc-ae52a3c8'. The first option is highlighted with a red arrow.

The 'Value' field for tags is empty, showing '(256 characters maximum)'.

The 'Add Tag' button is visible.

The 'Create' button is highlighted with a red arrow.

* Required

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Route Tables > Create route table

Create route table

✓ The following Route Table was created:

Route Table ID rtb-08d7219546fdce89a

Close

• Create Public Route Table

The screenshot shows the AWS VPC Dashboard. On the left sidebar, under the 'Route Tables' section, there is an orange arrow pointing to the 'Route Tables' link. At the top, there is a blue button labeled 'Create route table' with a red arrow pointing to it. The main area displays a table of existing route tables, with one row highlighted.

| Name | Route Table ID | Explicit subnet association | Edge associations | Main | VPC ID |
|-------------------------------|-----------------------|-----------------------------|-------------------|------|---------------------------|
| rtb-07ea93c7f06163587 | - | - | - | Yes | vpc-088ca92cf1857eda9 .. |
| JJTech-Dev-Private-RouteTable | rtb-08d72f9546fdce89a | - | - | No | vpc-088ca92cf1857eda9 .. |
| | rtb-5da0cc3b | - | - | Yes | vpc-ae52a3c8 |

The screenshot shows the 'Create route table' wizard. In the 'Name tag' field, 'JJTech-Dev-Public-RoutTable' is entered with a red arrow pointing to it. In the 'VPC*' dropdown, 'JJTech-Dev-VPC' is selected with a red arrow pointing to it. At the bottom right, there is a 'Create' button with a red arrow pointing to it.

• Verify and make sure you have both Private and Public Route tables created

The screenshot shows the AWS VPC Dashboard again. The table now lists four route tables, with two rows checked (highlighted with a red checkmark icon). The first row is 'JJTech-Dev-Private-RouteTable' and the second row is 'JJTech-Dev-Public-RoutTable'. Both rows show their respective Route Table IDs, association details, and VPC IDs.

| Name | Route Table ID | Explicit subnet association | Edge associations | Main | VPC ID |
|---|-----------------------|-----------------------------|-------------------|------|---------------------------|
| <input checked="" type="checkbox"/> JJTech-Dev-Private-RouteTable | rtb-08d72f9546fdce89a | - | - | No | vpc-088ca92cf1857eda9 .. |
| <input checked="" type="checkbox"/> JJTech-Dev-Public-RoutTable | rtb-0d690f50184e80126 | - | - | No | vpc-088ca92cf1857eda9 .. |
| <input type="checkbox"/> | rtb-5da0cc3b | - | - | Yes | vpc-ae52a3c8 |

4) Associate Private subnets with Private Route table and Public subnets with Public Rout table

- Associating Private subnets with Private Route table

Screenshot of the AWS VPC Route Tables page:

The left sidebar shows the VPC Dashboard and various VPC-related options. The main content displays a list of route tables, with the "JJTech-Dev-Private-RouteTable" selected (indicated by a red arrow).

Below the table, the "Subnet Associations" tab is selected (indicated by a red arrow). A button labeled "Edit subnet associations" is highlighted with a red arrow.

The message "You do not have any subnet associations." is displayed.

At the bottom, a note states: "The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:" followed by a table showing four subnets.

Edit subnet associations

Route table rtb-08d72f9546fdce89a (JJTech-Dev-Private-RouteTable) ←

Associated subnets: [subnet-05a4a889435e189f1](#) [subnet-0b85051e57bf7e189](#)

| Subnet ID | IPv4 CIDR | IPv6 CIDR | Current Route Table |
|--|-------------|-----------|---------------------|
| subnet-05a4a889435e189f1 JJTech-Dev-Private-Subnet-2 | 10.0.2.0/24 | - | Main |
| subnet-0b85051e57bf7e189 JJTech-Dev-Private-Subnet-1 | 10.0.1.0/24 | - | Main |
| subnet-08f0576aa1b0f32a6 JJTech-Dev-Public-Subnet-1 | 10.0.3.0/24 | - | Main |
| subnet-07630defa854bee9d JJTech-Dev-Public-Subnet-2 | 10.0.4.0/24 | - | Main |

* Required Cancel Save ←

• Verify Subnet/Route table Association

The screenshot shows the AWS VPC Route Tables interface. On the left, there's a sidebar with navigation links like 'New VPC Experience', 'VPC Dashboard', 'Route Tables', and 'Subnets'. The main area has tabs for 'Create route table' and 'Actions'. A search bar at the top says 'Search for services, features, marketplace products, and docs [Option+S]'. The main content area displays a table of route tables with columns: Name, Route Table ID, Explicit subnet association, Edge associations, Main, and VPC ID. One row is selected, highlighted with a red arrow. Below this, a specific route table is selected ('rtb-08d72f9546fdce89a'). The 'Subnet Associations' tab is active, indicated by an orange arrow. Under this tab, there's a 'Verify Association' section containing a table with columns: Subnet ID, IPv4 CIDR, and IPv6 CIDR. Two subnet entries are listed and highlighted with a red box: 'subnet-05a4a889435e189f1 | JJTech-Dev-Private-Subnet-2' and 'subnet-0b85051e57bf7e189 | JJTech-Dev-Private-Subnet-1'. At the bottom, a note states: 'The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:'.

| Name | Route Table ID | Explicit subnet association | Edge associations | Main | VPC ID |
|-------------------------------|-----------------------|-----------------------------|-------------------|------|---------------------------|
| JJTech-Dev-Private-RouteTable | rtb-08d72f9546fdce89a | 2 subnets | - | No | vpc-088ca92cf1857eda9 ... |
| JJTech-Dev-Public-RouteTable | rtb-0d690f50184e80126 | - | - | No | vpc-088ca92cf1857eda9 ... |
| | rtb-5da0cc3b | - | - | Yes | vpc-ae52a3c8 |

Route Table: rtb-08d72f9546fdce89a

Subnet Associations

Edit subnet associations

Verify Association

| Subnet ID | IPv4 CIDR | IPv6 CIDR |
|--|-------------|-----------|
| subnet-05a4a889435e189f1 JJTech-Dev-Private-Subnet-2 | 10.0.2.0/24 | - |
| subnet-0b85051e57bf7e189 JJTech-Dev-Private-Subnet-1 | 10.0.1.0/24 | - |

The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:

● Associate Public subnets with Public Route table

The screenshot shows the AWS VPC Route Tables page. On the left sidebar, under the 'Route Tables' section, the 'Edit subnet associations' button is highlighted with a red arrow. In the main content area, a specific route table, 'JJTech-Dev-Public-RoutTable', is selected and highlighted with a blue box. A red arrow points to this selection.

| Name | Route Table ID | Explicit subnet association | Edge associations | Main | VPC ID |
|------------------------------------|------------------------------|-----------------------------|-------------------|------|----------------------------|
| | rtb-07ea93c7f06163587 | - | - | Yes | vpc-088ca92cf1857eda9 ... |
| JJTech-Dev-Private-RouteTable | rtb-08d72f9546fdce89a | 2 subnets | - | No | vpc-088ca92cf1857eda9 ... |
| JJTech-Dev-Public-RoutTable | rtb-0d690f50184e80126 | - | - | No | vpc-088ca92cf1857eda9 ... |
| | rtb-5da0cc3b | - | - | Yes | vpc-ae52a3c8 |

Route Table: rtb-0d690f50184e80126

Summary Routes Subnet Associations Edge Associations Route Propagation Tags

Edit subnet associations

Subnet ID IPv4 CIDR IPv6 CIDR

You do not have any subnet associations.

The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:

Route Tables > Edit subnet associations

Edit subnet associations

Route table rtb-0d690f50184e80126 (JJTech-Dev-Public-RoutTable)

Associated subnets

The screenshot shows the 'Edit subnet associations' dialog. At the top, the route table 'rtb-0d690f50184e80126 (JJTech-Dev-Public-RoutTable)' is selected. In the main list, two subnets are selected: 'subnet-08f0576aa1b0f32a6' and 'subnet-07630defa854bee9d'. Red arrows point to these selected subnets. The list also includes other subnets like 'subnet-05a4a889435e189f1' and 'subnet-0b85051e57bf7e189'.

| Subnet ID | IPv4 CIDR | IPv6 CIDR | Current Route Table |
|--|--------------------|-----------|-----------------------|
| subnet-05a4a889435e189f1 JJTech-Dev-Private-Subnet-2 | 10.0.2.0/24 | - | rtb-08d72f9546fdce89a |
| subnet-0b85051e57bf7e189 JJTech-Dev-Private-Subnet-1 | 10.0.1.0/24 | - | rtb-08d72f9546fdce89a |
| subnet-08f0576aa1b0f32a6 JJTech-Dev-Public-Subnet-1 | 10.0.3.0/24 | - | Main |
| subnet-07630defa854bee9d JJTech-Dev-Public-Subnet-2 | 10.0.4.0/24 | - | Main |

* Required

Cancel Save

Feedback English (US) ▾

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● Verify Subnet/Route table Association

The screenshot shows the AWS VPC Route Tables page. On the left sidebar, under the 'VIRTUAL PRIVATE CLOUD' section, there is a red arrow pointing to the 'JJTech-Dev-Public-RoutTable' entry in the list. A red arrow also points to the 'Subnet Associations' tab at the top of the main content area. A red box highlights the 'Confirm Association' button in the center of the page.

| Name | Route Table ID | Explicit subnet association | Edge associations | Main | VPC ID |
|------------------------------------|------------------------------|-----------------------------|-------------------|------|----------------------------------|
| rtb-07ea93c7f06163587 | - | - | - | Yes | vpc-088ca92cf1857eda9 ... |
| JJTech-Dev-Private-RouteTable | rtb-08d72f9546fdce89a | 2 subnets | - | No | vpc-088ca92cf1857eda9 ... |
| JJTech-Dev-Public-RoutTable | rtb-0d690f50184e80126 | 2 subnets | - | No | vpc-088ca92cf1857eda9 ... |
| rtb-5da0cc3b | - | - | - | Yes | vpc-ae52a3c8 |

Route Table: rtb-0d690f50184e80126

Subnet Associations

| Subnet ID | IPv4 CIDR | IPv6 CIDR |
|---|-------------|-----------|
| subnet-08f0576aa1b0f32a6 JJTech-Dev-Public-Subnet-1 | 10.0.3.0/24 | - |
| subnet-07630defa854bee9d JJTech-Dev-Public-Subnet-2 | 10.0.4.0/24 | - |

The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:

None found

5) Create an Internet Gateway for JJTech-Dev-VPC

The screenshot shows the AWS VPC Internet Gateways page. On the left sidebar, under the 'VIRTUAL PRIVATE CLOUD' section, the 'Internet Gateways' link is highlighted with a red arrow. At the top right, there is a prominent orange button labeled 'Create internet gateway' with a red arrow pointing to it. The main table lists one Internet Gateway entry:

| Name | Internet gateway ID | State | VPC ID | Owner |
|------|---------------------|----------|--------------|-------------|
| - | igw-5dd5233a | Attached | vpc-ae52a3c8 | 03686823664 |

A red box highlights the text 'Create an Internet Gateway to Enable public access'.

The screenshot shows the 'Create internet gateway' wizard. The first step, 'Internet gateway settings', is displayed. A red arrow points to the 'Name tag' input field, which contains the value 'JJTech-Dev-IGW'. Below this, the 'Tags - optional' section is shown, featuring a table for adding tags. A red arrow points to the 'Create internet gateway' button at the bottom right of the form.

- **Attach Internet Gateway to JJTech-Dev-VPC**

✓ The following Internet gateway was created: igw-061da5fb1637af177 . You can now attach to a VPC to enable the VPC to communicate with the internet.

[Attach to a VPC](#)



VPC > Internet gateways > igw-061da5fb1637af177

igw-061da5fb1637af177 / JJTech-Dev-IGW

| Details Info | | | | Actions ▾ |
|--|-----------------------------------|-------------|---------------------------------------|---|
| Internet gateway ID igw-061da5fb1637af177 | State Detached | VPC ID - | Owner 036868236649 | Attach to VPC Detach from VPC Manage tags Delete |

| Tags | | Manage tags |
|----------------------------------|----------------|---|
| <input type="text"/> Search tags | | <a href"="">< <a href"="">1 <a href"="">> @ |
| Key | Value | |
| Name | JJTech-Dev-IGW | |

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| | | |
|--|------------|---|
| | Services ▼ | <input type="text"/> Search for services, features, marketplace products, and docs [Option+S] |
|--|------------|---|

VPC > Internet gateways > Attach to VPC (igw-061da5fb1637af177)

Attach to VPC (igw-061da5fb1637af177) [Info](#)

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

Available VPCs
Attach the internet gateway to this VPC.

Select a VPC
vpc-088ca92cf1857eda9 - JJTech-Dev-VPC

[▶ AWS Command Line Interface command](#)

Cancel

Attach Internet gateway

Attach Internet
Gateway to your
VPC

- Make “Public” Subnets Public by Adding an additional route to the Public Route Table
- Add an additional Route on your Public Route table with Destination: 0.0.0.0/0 and Target: IGW

Screenshot of the AWS VPC Route Tables page:

The left sidebar shows the VPC Dashboard and various VPC-related services. A red arrow points to the "Route Tables" link under the "Route Tables" section.

The main content shows a list of Route Tables. One route table is selected: "JJTech-Dev-Public-RoutTable" (rtb-0d690f50184e80126). A red arrow points to the "Edit routes" button.

Below the table, the "Routes" tab is selected. A red arrow points to the "Edit routes" button.

| Name | Route Table ID | Explicit subnet association | Edge associations | Main | VPC ID |
|------------------------------------|------------------------------|-----------------------------|-------------------|-----------|----------------------------------|
| rtb-07ea93c7f06163587 | - | - | - | Yes | vpc-088ca92cf1857eda9 ... |
| JJTech-Dev-Private-RouteTable | rtb-08d72f9546fdce89a | 2 subnets | - | No | vpc-088ca92cf1857eda9 ... |
| JJTech-Dev-Public-RoutTable | rtb-0d690f50184e80126 | 2 subnets | - | No | vpc-088ca92cf1857eda9 ... |
| rtb-5da0cc3b | - | - | - | Yes | vpc-ae52a3c8 |

Screenshot of the "Edit routes" page:

The top navigation bar shows "Route Tables > Edit routes".

The main table shows one existing route: "10.0.0.0/16" with target "local" and status "active".

A new route is being added for "0.0.0.0/0". The "Target" dropdown menu is open, showing options: "Egress Only Internet Gateway", "Instance", "Internet Gateway", "NAT Gateway", "Network Interface", "Outpost Local Gateway", "Peering Connection", and "Transit Gateway". A red arrow points to the "Internet Gateway" option.

At the bottom right, there are "Cancel" and "Save routes" buttons. A red arrow points to the "Save routes" button.

- Add route
 - Destination: 0.0.0.0/0
 - Target: Internet Gateway —> JJTech-Dev-IGW
 - Save routes

● Verify Public Route is Active

The screenshot shows the AWS VPC Route Tables page. On the left sidebar, under the 'Route Tables' section, 'Route Tables' is selected. In the main content area, a table lists route tables. The 'JJTech-Dev-Public-RoutTable' is selected, indicated by a blue checkbox. A red arrow points to this checkbox. Below the table, a message box contains the text 'Verify Public Route is Added and Active'.

| Name | Route Table ID | Explicit subnet association | Edge associations | Main | VPC ID |
|------------------------------------|------------------------------|-----------------------------|-------------------|------|---------------------------------|
| rtb-07ea93c7f06163587 | - | - | - | Yes | vpc-088ca92cf1857eda9 .. |
| JJTech-Dev-Private-RouteTable | rtb-08d72f9546fdce89a | 2 subnets | - | No | vpc-088ca92cf1857eda9 .. |
| JJTech-Dev-Public-RoutTable | rtb-0d690f50184e80126 | 2 subnets | - | No | vpc-088ca92cf1857eda9 .. |
| | rtb-5da0cc3b | - | - | Yes | vpc-ae52a3c8 |

Route Table: rtb-0d690f50184e80126

Summary Routes Subnet Associations Edge Associations Route Propagation Tags

Edit routes

View All routes

| Destination | Target | Status | Propagated |
|-------------|-----------------------|--------|------------|
| 10.0.0.0/16 | local | active | No |
| 0.0.0.0/0 | igw-061da5fb1637af177 | active | No |

Verify Public Route is Added and Active

6) Configure Secure One-Way Connectivity to the Internet using NAT Gateway

The screenshot shows the AWS NAT Gateways page. On the left sidebar, under the 'NAT Gateways' section, 'NAT Gateways' is selected. In the main content area, a table lists NAT gateways. A red arrow points to the 'NAT Gateways' link in the sidebar. Another red arrow points to the 'Create NAT gateway' button in the top right corner. A red box highlights a callout message: 'Create a Nat Gateway to enable resources hosted in private subnets in your environment to be able to communicate with external Networks through secure tunnels'.

| Name | NAT gateway ID | State | State message | Elastic IP address | Private IP address |
|------|----------------|-------|---------------|--------------------|--------------------|
|------|----------------|-------|---------------|--------------------|--------------------|

NAT gateways Info Actions Create NAT gateway

Select a NAT gateway

Create a Nat Gateway to enable resources hosted in private subnets in your environment to be able to communicate with external Networks through secure tunnels

✓ Elastic IP address 50.18.54.27 (eipalloc-afec1e9c) allocated.

VPC > NAT gateways > Create NAT gateway

Create NAT gateway Info

- Select a public subnet
- Allocate an Elastic IP
- Create

Create a NAT gateway and assign it an Elastic IP address.

NAT gateway settings

Name - optional

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

The name can be up to 256 characters long.

Subnet

Select a public subnet in which to create the NAT gateway.

Elastic IP allocation ID Info

Assign an Elastic IP address to the NAT gateway.

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.



- Add an additional Route on your Private Route table with Destination: 0.0.0.0/0 and Target: Nat Gateway

The screenshot shows the AWS VPC Route Tables page. On the left sidebar, under the 'Route Tables' section, there is a 'Edit routes' button highlighted with a red arrow. The main content area displays a table of route tables, with one specific row for 'JJTech-Dev-Private-RouteTable' highlighted by a red box. Below this table, there is a sub-section titled 'Route Table: rtb-08d72f9546fdce89a' with tabs for 'Summary', 'Routes' (which is selected), 'Subnet Associations', 'Edge Associations', 'Route Propagation', and 'Tags'. The 'Edit routes' button is located at the bottom left of this sub-section.

The screenshot shows the 'Edit routes' dialog box. In the 'Destination' column, the value '0.0.0.0/0' is highlighted with a red arrow. In the 'Target' column, a dropdown menu is open, showing options: 'Egress Only Internet Gateway', 'Instance', 'Internet Gateway', 'NAT Gateway' (which is highlighted with a red arrow), 'Network Interface', 'Outpost Local Gateway', 'Peering Connection', and 'Transit Gateway'. At the bottom right of the dialog box, there are 'Cancel' and 'Save routes' buttons, with 'Save routes' highlighted with a red arrow. A red box at the bottom right contains the following text:

- Add route
- Destination: 0.0.0.0/0
- Target: NAT Gateway —> JJTech-Dev-NGW
- Create

● Verify Public Route is Active

Screenshot of the AWS VPC Route Tables page showing the configuration of a public route table.

Route Table Selection: A red arrow points to the checkbox next to the "JJTech-Dev-Private-RouteTable" entry in the list, indicating it is selected.

Route Table Details:

- Name:** JJTech-Dev-Private-RouteTable
- Route Table ID:** rtb-08d72f9546fdce89a
- Explicit subnet association:** 2 subnets
- Main:** No
- VPC ID:** vpc-088ca92cf1857eda9 | ..

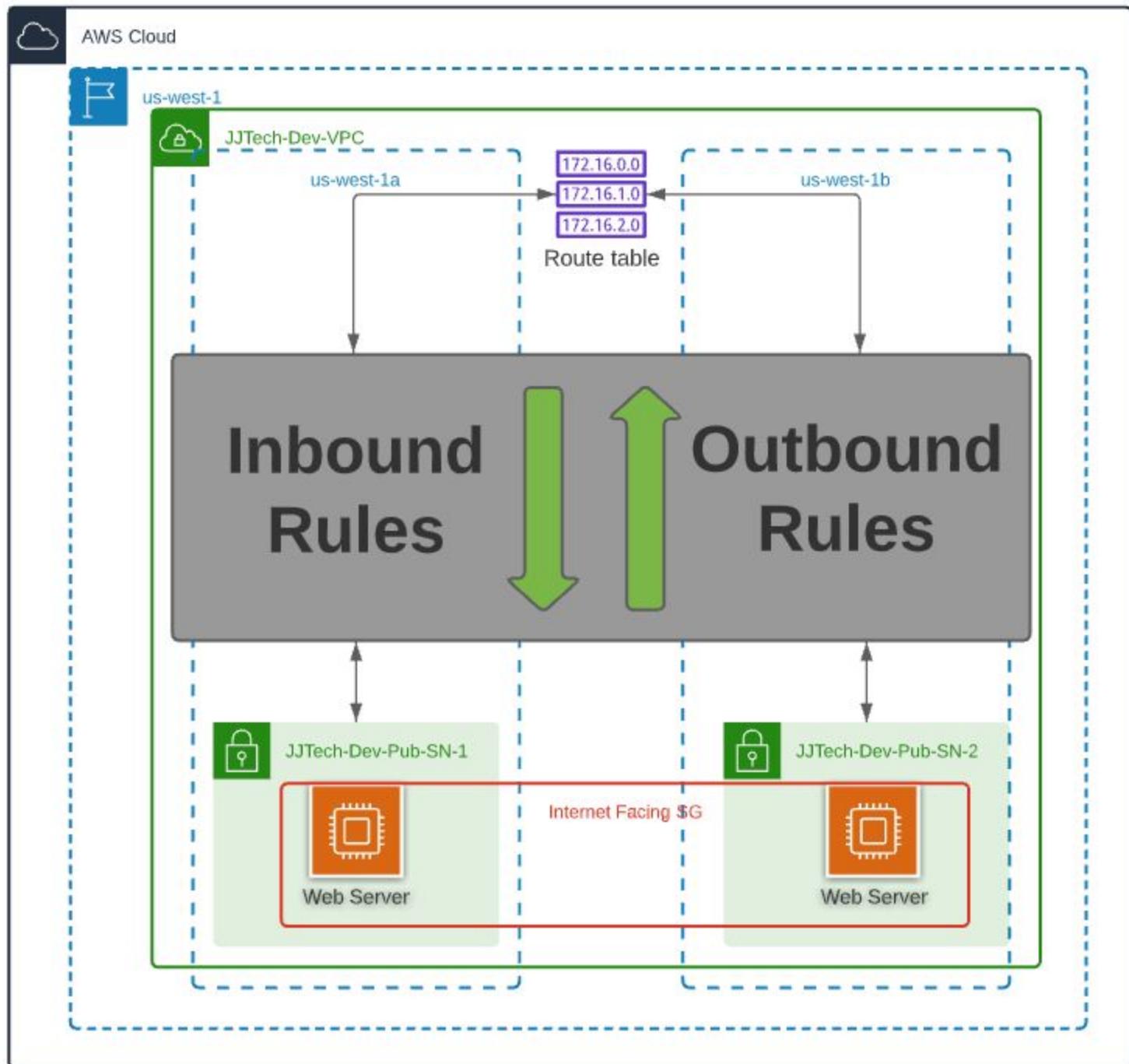
Routes Tab: The "Routes" tab is selected.

View: All routes

| Destination | Target | Status | Propagated |
|-------------|-----------------------|--------|------------|
| 10.0.0.0/16 | local | active | No |
| 0.0.0.0/0 | nat-015f6e8e745c24a91 | active | No |

Text Overlay: Verify NAT Gateways public route is Added and Active

7) Network ALC



- Create and Configure NACL for public facing resources
- Create Custom NACLs for Public Subnets

Screenshot of the AWS Network ACLs page:

The left sidebar shows the VPC dashboard with options like Subnets, Route Tables, Internet Gateways, Egress Only Internet Gateways, DHCP Options Sets, Elastic IPs, Managed Prefix Lists, Endpoints, Endpoint Services, NAT Gateways, Peering Connections, and Security Groups. The "Network ACLs" link is highlighted with a red arrow.

The main content area displays a table titled "Network ACLs (2) Info". The table has columns: Name, Network ACL ID, Associated with, Default, and VPC ID. It lists two entries:

| Name | Network ACL ID | Associated with | Default | VPC ID |
|------|-----------------------|-----------------|---------|-----------------------|
| - | acl-0d56d46b | 2 Subnets | Yes | vpc-ae52a3c8 |
| - | acl-080ad0279c9dfa9f6 | 4 Subnets | Yes | vpc-088ca92cf1857eda9 |

At the top right of the table, there is a "Create network ACL" button with a red arrow pointing to it.

Screenshot of the "Create network ACL" wizard:

Create network ACL Info

A network ACL is an optional layer of security that acts as a firewall for controlling traffic in and out of a subnet.

Network ACL settings

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

VPC
VPC to use for this network ACL.

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 style="outline: none; border: 1px solid #ccc; width: 150px; height: 30px; margin-right: 10px;" type="text" value="Name"/> | <input style="outline: none; border: 1px solid #ccc; width: 150px; height: 30px; margin-right: 10px;" type="text" value="JJTech-Public-Subnets-NACL"/> X |
| Add new tag Remove | |

You can add 49 more tags.

Create network ACL Cancel

● Associate NACL with the above 2 Public subnets

Screenshot of the AWS VPC Network ACLs page.

The top navigation bar shows "aws Services" and a search bar. On the right, it says "Mbandi DevOps Engineer", "N. California", and "Support".

The left sidebar under "VPC Dashboard" includes "New VPC Experience", "VPC Dashboard", "Filter by VPC", "Select a VPC", "Your VPCs", "Subnets", "Route Tables", "Internet Gateways", "Egress Only Internet Gateways", "DHCP Options Sets", "Elastic IPs", "Managed Prefix Lists", "Endpoints", "Endpoint Services", "NAT Gateways", "Peering Connections", "SECURITY", "Network ACLs", and "Security Groups".

The main content area shows "Network ACLs (1/3) Info". A success message at the top says "You successfully created acl-07030e78223d16933 / JJTech-Public-Subnets-NACL." Below is a table:

| Name | Network ACL ID | Associated with |
|--|-----------------------|-----------------|
| <input checked="" type="checkbox"/> JJTech-Public-Subnets-NACL | acl-07030e78223d16933 | - |
| <input type="checkbox"/> - | acl-0d56d46b | 2 Subnets |
| <input type="checkbox"/> - | acl-080ad0279c9dfa9f6 | 4 Subnets |

Actions menu on the right: View details, Edit inbound rules, Edit outbound rules, Edit subnet associations (highlighted with a red arrow), Manage tags, Delete network ACLs. The "Edit subnet associations" row shows "vpc-088ca92cf1".

A callout box in the center says: "There's no Association at this point so we need to associate our NACL with our Public subnets".

The bottom section shows the details for "acl-07030e78223d16933 / JJTech-Public-Subnets-NACL" with tabs for Details, Inbound rules, Outbound rules, Subnet associations (highlighted with a red arrow), and Tags.

Screenshot of the "Edit subnet associations" page for the NACL.

The top navigation bar shows "aws Services" and a search bar. On the right, it says "Mbandi DevOps Engineer", "N. California", and "Support".

The left sidebar shows "VPC", "Network ACLs", and the specific NACL "acl-07030e78223d16933 / JJTech-Public-Subnets-NACL".

The main content area shows "Available subnets (2/4)". A table lists subnets:

| Name | Subnet ID | Associated with | Availability zone | IPv4 CIDR | IPv6 CIDR |
|--|--------------------------|-----------------------|-------------------|-------------|-----------|
| <input type="checkbox"/> JJTech-Dev-Private-Subnet-2 | subnet-05a4a889435e189f1 | acl-080ad0279c9dfa9f6 | us-west-1c | 10.0.2.0/24 | - |
| <input type="checkbox"/> JJTech-Dev-Private-Subnet-1 | subnet-0b85015e57bf7e189 | acl-080ad0279c9dfa9f6 | us-west-1a | 10.0.1.0/24 | - |
| <input checked="" type="checkbox"/> JJTech-Dev-Public-Subnet-1 | subnet-08f0576aa1b0f32a6 | acl-080ad0279c9dfa9f6 | us-west-1a | 10.0.3.0/24 | - |
| <input checked="" type="checkbox"/> JJTech-Dev-Public-Subnet-2 | subnet-07630defa854bee9d | acl-080ad0279c9dfa9f6 | us-west-1c | 10.0.4.0/24 | - |

The "Selected subnets" section shows "subnet-07630defa854bee9d / JJTech-Dev-Public-Subnet-2" and "subnet-08f0576aa1b0f32a6 / JJTech-Dev-Public-Subnet-1".

Buttons at the bottom: "Cancel" and "Save changes" (highlighted with a red arrow).

● Create custom web NACL Rules

⌚ You have successfully updated subnet associations for acl-07030e78223d16933 / JJTech-Public-Subnets-NACL.

► Details

Network ACLs (1/3) [Info](#)

| Name | Network ACL ID | Associated with | Default | VPC ID |
|--|------------------------|-----------------|---------|---------------|
| <input checked="" type="checkbox"/> JJTech-Public-Subnets-NACL | acl-07030e78223d169... | 2 Subnets | No | vpc-088ca92cf |

Details **Inbound rules** Outbound rules Subnet associations Tags

Inbound rules (1)

- By Default when you create a custom NACL all traffic is Denied at the start.
- We need to create custom Rules for our Web facing Subnets.

[Edit inbound rules](#)

| Rule number | Type | Protocol | Port range | Source | Allow/Deny |
|-------------|-------------|----------|------------|-----------|--|
| * | All traffic | All | All | 0.0.0.0/0 | <input checked="" type="checkbox"/> Deny |

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VPC > Network ACLs > acl-07030e78223d16933 / JJTech-Public-Subnets-NACL > Edit inbound rules

Edit inbound rules [Info](#)

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

| Rule number Info | Type Info | Protocol Info | Port range Info | Source Info | Allow/Deny Info |
|----------------------------------|---------------------------|-------------------------------|---------------------------------|-----------------------------|---------------------------------|
| 1 | HTTPS (443) | TCP (6) | 443 | 0.0.0.0/0 | Allow |
| 2 | HTTP (80) | TCP (6) | 80 | 0.0.0.0/0 | Allow |
| 3 | SSH (22) | TCP (6) | 22 | 10.0.4.0/24 | Allow |
| 4 | All traffic | All | All | 0.0.0.0/0 | Deny |
| * | All traffic | All | All | 0.0.0.0/0 | Deny |

Add new rule Sort by rule number

Cancel Preview changes **Save changes**

- Verify Network ALCs

The screenshot shows the AWS VPC Network ACL configuration page. At the top, a green banner indicates: "You have successfully updated inbound rules for acl-07030e78223d16933 / JJTech-Public-Subnets-NACL". On the left sidebar, under the "SECURITY" section, "Network ACLs" is selected. The main content area displays the "Details" tab for a Network ACL named "acl-07030e78223d16933". The details include:

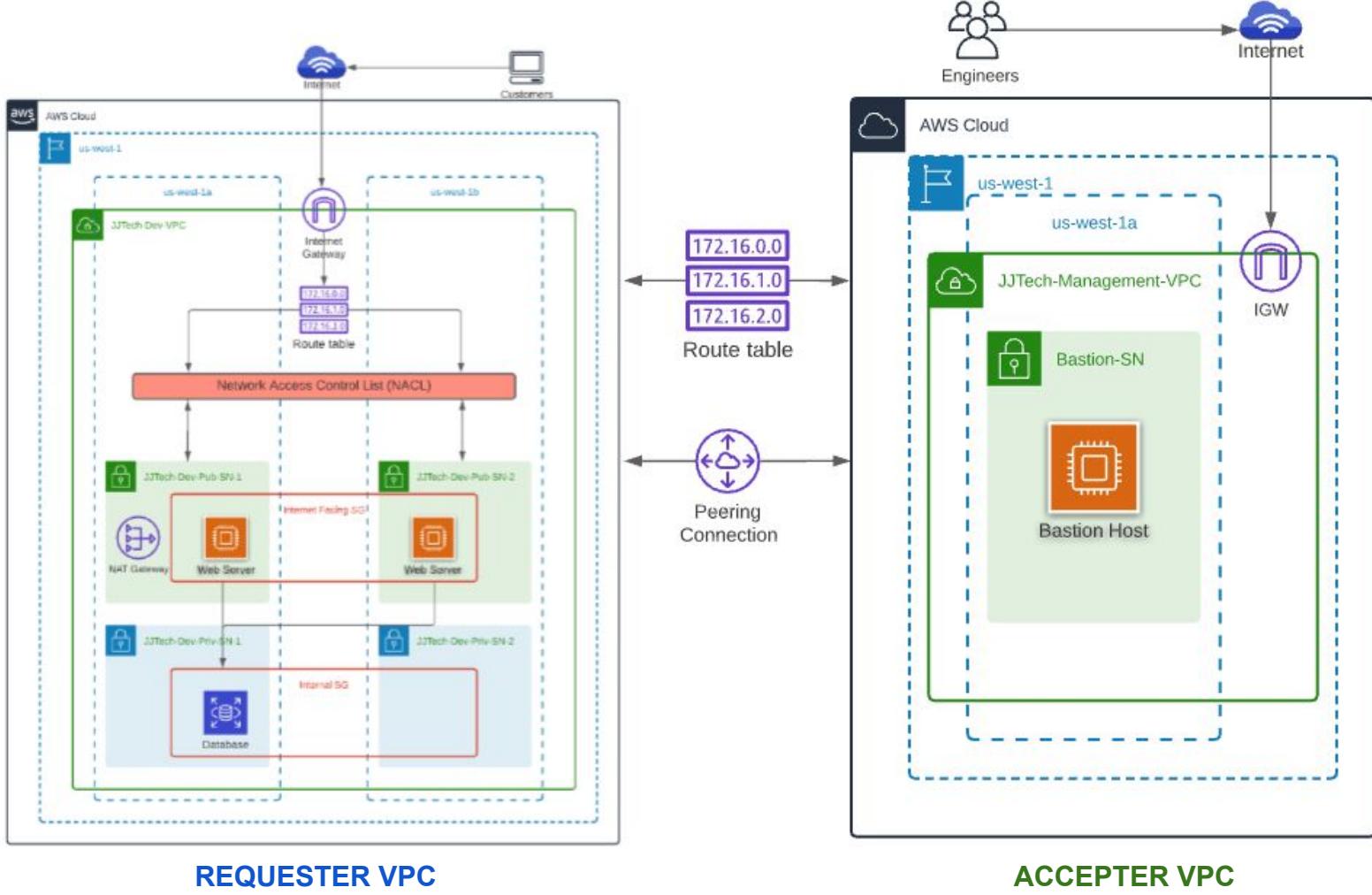
- Network ACL ID:** acl-07030e78223d16933
- Associated with:** 2 Subnets
- Default:** No
- Owner:** 036868236649
- VPC ID:** vpc-088ca92cf1857eda9 / JJTech-Dev-VPC

Below the details, there are tabs for "Inbound rules", "Outbound rules", "Subnet associations", and "Tags". A red callout box highlights the "Inbound rules" tab with the text "Verify NACLS for Public subnets". The "Inbound rules" table lists five rules:

| Rule number | Type | Protocol | Port range | Source | Allow/Deny |
|-------------|-------------|----------|------------|-------------|------------|
| 1 | HTTPS (443) | TCP (6) | 443 | 0.0.0.0/0 | Allow |
| 2 | HTTP (80) | TCP (6) | 80 | 0.0.0.0/0 | Allow |
| 3 | SSH (22) | TCP (6) | 22 | 10.0.4.0/24 | Allow |
| 4 | All traffic | All | All | 0.0.0.0/0 | Deny |
| * | All traffic | All | All | 0.0.0.0/0 | Deny |

NOTE: PLEASE COMPLETE NACLS OUTBOUND RULES AS WELL, Same configuration applies

8) VPC Peering



A) Provision Management VPC

- ⇒ Provision Management Subnet as shown in the diagram above
- ⇒ Provision a Route table and attach it to Management VPC
- ⇒ Associate Route table to bastion subnet
- ⇒ Provision an Internet Gateway
- ⇒ Attach Internet Gateway to Management VPC
- ⇒ Add an additional route on Management route table with Destination: 0.0.0.0/0 and Target: Internet Gateway
- ⇒ Confirm Route Internet route is Active

B) Create Peering Connection between JJTech-Dev-VPC and JJTech-Management-VPC

The screenshot shows the AWS VPC Dashboard. On the left sidebar, under the 'VIRTUAL PRIVATE CLOUD' section, the 'Peering Connections' option is highlighted with a red arrow. At the top center, there is a 'Create Peering Connection' button, which is also highlighted with a red arrow.

The screenshot shows the 'Create Peering Connection' wizard. In the first step, 'Peering connection name tag', the value 'JJTech-Dev-VPC-Peering' is entered, with a red arrow pointing to it. In the second step, 'Select a local VPC to peer with', the 'VPC (Requester)*' dropdown shows 'vpc-088ca92cf1857eda9'. Below it, a search bar shows 'vpc-088ca92cf1857eda9' and a list item 'vpc-088ca92cf1857eda9 JJTech-Dev-VPC' is selected, with a red arrow pointing to it.

Select another VPC to peer with

Account My account ←

Region This region (us-west-1) ←

VPC (Acceptor)*

Tags

This resource currently has no tags

Add Tag 50 remaining (Up to 50 tags maximum)

* Required Cancel Create Peering Connection ←

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Peering Connections > Create Peering Connection

Create Peering Connection

Success

A VPC peering connection (pcx-0c6fd6b434f45d170) has been requested.

| | | | |
|----------------------|-----------------------------|---------------------|-----------------------------|
| Requester VPC owner | 036868236649 (This account) | Acceptor VPC owner | 036868236649 (This account) |
| Requester VPC ID | vpc-088ca92cf1857eda9 | Acceptor VPC ID | vpc-05ab99e23d30e96c9 |
| Requester VPC Region | us-west-1 | Acceptor VPC Region | us-west-1 |
| Requester VPC CIDRs | 10.0.0.0/16 | Acceptor VPC CIDRs | - |

Confirm Acceptor and Requester VPC

OK

C) Edit Relevant Route tables

i) Accept Peering Request

The screenshot shows the AWS VPC Peering Connections page. A context menu is open over a row for a peering connection named "JJTech-Dev-VPC-Peering". The menu options are: Accept Request (highlighted with a red arrow), Reject Request, Delete VPC Peering Connection, Edit ClassicLink Settings, Edit DNS Settings, and Add/Edit Tags. The status of the peering connection is "Pending Acceptance" (highlighted with a red arrow). Below the table, a detailed view of the peering connection "pcx-0c6fd6b434f45d170" is shown, including requester and accepter details and connection status.

ii) Editing the Private Route table of our JJTech-Dev-VPC (JJTech-Dev-Private-RT) to provide our Management VPC access

The screenshot shows the AWS Route Tables page. In the "Edit routes" section, a new route is being added for destination "20.0.0.0/16". The target dropdown menu is open, showing options: Egress Only Internet Gateway, Instance, Internet Gateway, NAT Gateway, Network Interface, Outpost Local Gateway, Peering Connection (highlighted with a red arrow), and Transit Gateway. The "Save routes" button is highlighted with a red arrow. A callout box at the bottom right provides instructions: "Edit the JJTech-Dev-VPC Private Route table (JJTech-Dev-Private-RT), and add a Route to it with Destination being the CIDR Block of the Management VPC. With Target: Peering connection - Save routes".

ii) Confirm peering connection route is Active

Create route table Actions

Filter by tags and attributes or search by keyword

1 to 6 of 6

| Name | Route Table ID | Explicit subnet association | Edge associations | Main | VPC ID |
|--------------------------------------|------------------------------|-----------------------------|-------------------|-----------|---|
| JJTech-Manage-VPC-RT | rtb-047739079299f0096 | subnet-0bc09b5ec3e8e91fe | - | No | vpc-05ab99e23d30e96c9 JJTech-Managem... |
| | rtb-04f17474774fad63 | - | - | Yes | vpc-05ab99e23d30e96c9 JJTech-Managem... |
| | rtb-07ea93c7f06163587 | - | - | Yes | vpc-088ca92cf1857eda9 JJTech-Dev-VPC |
| JJTech-Dev-Private-RouteTable | rtb-08d72f9546fdce89a | 2 subnets | - | No | vpc-088ca92cf1857eda9 JJTech-Dev-VPC |
| JJTech-Dev-Public-RoutTable | rtb-0d690f50184e80126 | 2 subnets | - | No | vpc-088ca92cf1857eda9 JJTech-Dev-VPC |
| | rtb-5da0cc3b | - | - | Yes | vpc-ae52a3c8 |

Route Table: rtb-08d72f9546fdce89a

Summary Routes Subnet Associations Edge Associations Route Propagation Tags

Edit routes

View All routes

| Destination | Target | Status | Propagated |
|-------------|-----------------------|-----------|------------|
| 10.0.0.0/16 | local | active | No |
| 0.0.0.0/0 | nat-015f6e8e745c24a91 | blackhole | No |
| 20.0.0.0/16 | pcx-0c6fd6b434f45d170 | active | No |

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iii) Editing the Route table of our Management VPC (JJTech-Manage-VPC-RT) to provide access from our JJTech-Dev-VPC

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Route Tables > Edit routes

Edit routes

| Destination | Target | Status | Propagated |
|-------------|-----------------------|--------|------------|
| 20.0.0.0/16 | local | active | No |
| 0.0.0.0/0 | igw-0379a0d8bd86dab3b | active | No |
| 10.0.0.0/16 | <input type="text"/> | | No |

Add route * Required

Cancel Save routes

Egress Only Internet Gateway Instance Internet Gateway NAT Gateway Network Interface Outpost Local Gateway Peering Connection Transit Gateway

- Edit the Management VPC Route table and Provide a route with Destination being the CIDR Block of JJTech-Dev-VPC and Target being the Peering connection.

- Save routes

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v) Confirm peering connection route is Active

New VPC Experience Tell us what you think

VPC Dashboard New Filter by VPC: Select a VPC

VIRTUAL PRIVATE CLOUD Your VPCs New Subnets New Route Tables Internet Gateways New Egress Only Internet Gateways New DHCP Options Sets New Elastic IPs New Managed Prefix Lists New Endpoints Endpoint Services NAT Gateways New Peering Connections SECURITY Network ACLs New Security Groups New REACHABILITY Reachability Analyzer

Create route table Actions ▾

Filter by tags and attributes or search by keyword

| Name | Route Table ID | Explicit subnet association | Edge associations | Main | VPC ID |
|-------------------------------|-----------------------|-----------------------------|-------------------|------|---|
| JJTech-Manage-VPC-RT | rtb-047739079299f0096 | subnet-0bc09b5ec3e8e91fe | - | No | vpc-05ab99e23d30e96c9 JJTech-Managem... |
| | rtb-04f17474774fadc63 | - | - | Yes | vpc-05ab99e23d30e96c9 JJTech-Managem... |
| | rtb-07ea93cf06163587 | - | - | Yes | vpc-088ca92cf1857eda9 JJTech-Dev-VPC |
| JJTech-Dev-Private-RouteTable | rtb-08d72f9546fdce89a | 2 subnets | - | No | vpc-088ca92cf1857eda9 JJTech-Dev-VPC |
| JJTech-Dev-Public-RoutTable | rtb-0d690f50184e80126 | 2 subnets | - | No | vpc-088ca92cf1857eda9 JJTech-Dev-VPC |
| | rtb-5da0cc3b | - | - | Yes | vpc-ae52a3c8 |

Route Table: rtb-047739079299f0096

Summary Routes Subnet Associations Edge Associations Route Propagation Tags

Edit routes

View All routes

Confirm Peering connection route is added and Active

| Destination | Target | Status | Propagated |
|-------------|-----------------------|--------|------------|
| 20.0.0.0/16 | local | active | No |
| 0.0.0.0/0 | igw-0379a0d8bd86dab3b | active | No |
| 10.0.0.0/16 | pox-0c6fd6b434f45d170 | active | No |