

VPC LAB

Create VPC

The screenshot shows two browser windows side-by-side, both displaying the AWS VPC console.

Top Window (VPC Dashboard):

- Shows a list of "Your VPCs (1) info".
- A single VPC entry is listed:
 - Name: -
 - VPC ID: [vpc-052b7fb3fd41f4d8f](#)
 - State: Available
 - IPv4 CIDR: 172.31.0.0/16
 - IPv6 CIDR: -
- Actions button and Create VPC button are visible.

Bottom Window (Create VPC Wizard):

- Shows the "Create VPC" step of the wizard.
- Section: "VPC settings".
- Resources to create: "VPC only" (selected).
- Name tag (optional): "Osaka-VPC".
- IPv4 CIDR block:
 - IPv4 CIDR manual input (selected).
 - IPAM-allocated IPv4 CIDR block (option).
- IPv4 CIDR: "192.168.111.0/24".
- CloudShell and Feedback buttons are at the bottom.

Screenshot of the AWS VPC Console showing the creation of a new VPC.

IPv6 CIDR block:

- No IPv6 CIDR block
- IPAM-allocated IPv6 CIDR block
- Amazon-provided IPv6 CIDR block
- IPv6 CIDR owned by me

Tenancy: Default

Tags:

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

Key	Value - optional
Name	Osaka-VPC

Create VPC

VPC dashboard: You successfully created **vpc-034daae0d1aecda88 / Osaka-VPC**

Details:

VPC ID	State	DNS hostnames	DNS resolution
vpc-034daae0d1aecda88	Available	Disabled	Enabled
Tenancy	DHCP option set	Main route table	Main network ACL
Default	dopt-04d7221915c72ca92	rtb-0bf0c0f9eb25e8260	acl-06b2c706c1460db14
Default VPC	IPv4 CIDR	IPv6 pool	IPv6 CIDR
No	192.168.111.0/24	-	-
Network Address Usage metrics	Route 53 Resolver DNS Firewall rule groups	Owner ID	
Disabled	-	471112916582	

Actions: Actions ▾

CloudShell Feedback: 26°C Mostly cloudy

Create Subnet

The screenshot shows the AWS VPC Subnets creation process across three main sections: the Subnets list, the Create subnet wizard, and the final confirmation.

Subnets List: Shows the successful creation of a new subnet named "subnet-071b1301aac9de21a" in the "Osaka-VPC".

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-071b1301aac9de21a	Available	vpc-052b7fb3fd41f4d8f	172.31.0.0
-	subnet-06190146bc6515a9e	Available	vpc-052b7fb3fd41f4d8f	172.31.32
-	subnet-01630e4db8c83bf29	Available	vpc-052b7fb3fd41f4d8f	172.31.16

Create Subnet Wizard: Step 1: Select a VPC. The "VPC ID" dropdown is set to "vpc-034daae0d1aecda88 (Osaka-VPC)".

Create Subnet Wizard: Step 2: Subnet settings. The "Associated VPC CIDRs" section shows "IPv4 CIDRs" as "192.168.111.0/24".

Final Confirmation: A success message: "You successfully created subnet-071b1301aac9de21a / Osaka-VPC".

Screenshot of the AWS VPC Console showing the creation of a new subnet.

Subnet 1 of 1

Subnet name: Public Zone1

Availability Zone: Asia Pacific (Osaka) / ap-northeast-3a

IPv4 VPC CIDR block: 192.168.111.0/24

IPv4 subnet CIDR block: 192.168.111.0/27 (32 IPs)

Tags - optional: Name: Public Zone1

VPC dashboard: You have successfully created 1 subnet: subnet-0fd17b97191fc8a36

Subnets (4) Info:

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-071b1301aac9de21a	Available	vpc-052b7fb3fd41f4d8f	172.31.0.0
-	subnet-06190146bc6515a9e	Available	vpc-052b7fb3fd41f4d8f	172.31.32
-	subnet-01630e4db8c83bf29	Available	vpc-052b7fb3fd41f4d8f	172.31.16
Public Zone1	subnet-0fd17b97191fc8a36	Available	vpc-034daae0d1aecda88 Osaka	192.168.1

CloudShell Feedback: 26°C Mostly cloudy

CloudShell Feedback: 26°C Mostly cloudy

The screenshot shows the 'Create subnet' wizard in the AWS VPC console. The first step, 'VPC', is selected. In the 'VPC ID' section, a dropdown menu is open, showing 'vpc-034daae0d1aecda88 (Osaka-VPC)'. Below it, under 'Associated VPC CIDRs', a single CIDR block '192.168.111.0/24' is listed.

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.
Private Zone1
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 (Osaka) / ap-northeast-3a

IPv4 VPC CIDR block [Info](#)
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.
192.168.111.0/24

IPv4 subnet CIDR block
192.168.111.32/27
32 IPs

Tags - optional

Key	Value - optional

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The screenshot shows the 'Subnet 1 of 1' step of the wizard. The 'Subnet name' field now contains 'Private Zone1'. The 'Availability Zone' dropdown still shows 'Asia Pacific (Osaka) / ap-northeast-3a'. The 'IPv4 VPC CIDR block' dropdown still shows '192.168.111.0/24'. The 'IPv4 subnet CIDR block' dropdown now shows '192.168.111.32/27'. The 'Tags - optional' section is visible at the bottom.

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Screenshot of the AWS VPC Console showing the creation of a new subnet.

Subnets (5) Info

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-06190146bc6515a9e	Available	vpc-052b7fb3fd41f4d8f	172.31.
-	subnet-01630e4db8c83bf29	Available	vpc-052b7fb3fd41f4d8f	172.31.
Public Zone1	subnet-0fd17b97191fc8a36	Available	vpc-034daae0d1aecda88 Osaka-VPC	192.168.111.0/24
Private Zone1	subnet-07eda18321553b24c	Available	vpc-034daae0d1aecda88 Osaka-VPC	192.168.110.0/24

Select a subnet

Create subnet

CreateSubnet | VPC Console

VPC > Subnets > Create subnet

VPC ID
Create subnets in this VPC.
vpc-034daae0d1aecda88 (Osaka-VPC)

Associated VPC CIDRs
IPv4 CIDRs
192.168.111.0/24

Subnet settings
Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 1

Screenshot of the AWS VPC Console showing the creation of a new subnet.

Subnet 1 of 1

Subnet name: Public Zone2

Availability Zone: Asia Pacific (Osaka) / ap-northeast-3b

IPv4 VPC CIDR block: 192.168.111.0/24

IPv4 subnet CIDR block: 192.168.111.64/27 (32 IPs)

Tags - optional: Remove

VPC dashboard

You have successfully created 1 subnet: subnet-0aad0eb295997f0ed

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-01630e4db8c83bf29	Available	vpc-052b7fb3fd41f4d8f	172.31.
Public Zone1	subnet-0fd17b97191fc8a36	Available	vpc-034daae0d1aecda88 Osak...	192.168.
Private Zone1	subnet-07eda18321553b24c	Available	vpc-034daae0d1aecda88 Osak...	192.168.
Public Zone2	subnet-0aad0eb295997f0ed	Available	vpc-034daae0d1aecda88 Osak...	192.168.

The screenshot shows the 'Create subnet' wizard in the AWS VPC console. The first step, 'VPC', is selected. A dropdown menu shows the VPC ID 'vpc-034daae0d1aecda88 (Osaka-VPC)'. Below it, the 'Associated VPC CIDRs' section lists 'IPv4 CIDRs' as '192.168.111.0/24'.

The second step, 'Subnet settings', is selected. It shows 'Subnet 1 of 1'. Under 'Subnet name', the value 'Private Zone2' is entered. Under 'Availability Zone', the preference 'No preference' is selected. Under 'IPv4 VPC CIDR block', the value '192.168.111.0/24' is chosen. Under 'IPv4 subnet CIDR block', the value '192.168.111.96/27' is shown, with a note indicating '32 IPs' available.

The third step, 'Tags - optional', is shown. A 'Remove' button is visible. The bottom of the screen shows the Windows taskbar with various pinned icons and system status.

Screenshot of the AWS VPC Console showing the creation of a new subnet and its successful creation.

CreateSubnet | VPC Console

Subnet 1 of 1

Subnet name: Private Zone2

Availability Zone: Asia Pacific (Osaka) / ap-northeast-3b

IPv4 VPC CIDR block: 192.168.111.0/24

IPv4 subnet CIDR block: 192.168.111.96/27 (32 IPs)

Tags - optional: Remove

VPC dashboard

Subnets (7) Info

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-071b1301aac9de21a	Available	vpc-052b7fb3fd41f4d8f	172.31.0.0/16
-	subnet-06190146bc6515a9e	Available	vpc-052b7fb3fd41f4d8f	172.31.32.0/16
-	subnet-01630e4db8c83bf29	Available	vpc-052b7fb3fd41f4d8f	172.31.16.0/16
Public Zone1	subnet-0fd17b97191fc8a36	Available	vpc-034daae0d1aecda88 Osaka	192.168.1.0/16
Private Zone1	subnet-07eda18321553b24c	Available	vpc-034daae0d1aecda88 Osaka	192.168.1.0/16
Public Zone2	subnet-0aad0eb295997f0ed	Available	vpc-034daae0d1aecda88 Osaka	192.168.1.0/16
Private Zone2	subnet-0fd2d12a6dd8774f6	Available	vpc-034daae0d1aecda88 Osaka	192.168.1.0/16

Select a subnet:

Enable Public IP Address

The screenshot shows the AWS VPC Console interface. On the left, the VPC dashboard sidebar is visible, showing various cloud services like EC2 Global View, Filter by VPC, and a list of Subnets under Virtual private cloud.

The main area displays a table of Subnets (1/7) with the following columns: Name, Subnet ID, State, VPC, and IPv4 CIDR. One subnet, "Public Zone1" (subnet-0fd17b97191fc8a36), is selected and highlighted with a blue border. A context menu is open over this subnet, listing options such as View details, Create flow log, Edit subnet settings (which is highlighted in orange), Edit IPv6 CIDRs, Edit network ACL association, Edit route table association, Edit CIDR reservations, Share subnet, Manage tags, and Delete subnet.

The "Edit subnet settings" option in the context menu is highlighted in orange, indicating it is the current step being described in the video.

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-01630e4db8c83bf29	Available	vpc-052b7fb3fd41f4d8f	172.31.1.0/24
Public Zone1	subnet-0fd17b97191fc8a36	Available	vpc-034daae0d1aecda88 Osaka	192.168.111.0/27
Private Zone1	subnet-07eda18321553b24c	Available	vpc-034daae0d1aecda88 Osaka	192.168.112.0/27
Public Zone2	subnet-0aad0eb295997f0ed	Available	vpc-034daae0d1aecda88 Osaka	192.168.113.0/27
Private Zone2	subnet-0fd2d12a6dd8774f6	Available	vpc-034daae0d1aecda88 Osaka	192.168.114.0/27

Screenshot of the AWS VPC console showing the 'Edit subnet settings' page for a subnet named 'Public Zone1'. The subnet ID is 'subnet-0fd17b97191fc8a36'. The 'Auto-assign IP settings' section has the checkbox 'Enable auto-assign public IPv4 address' checked. The 'Resource-based name (RBN) settings' section has the checkbox 'Enable resource name DNS A record on launch' unchecked.

Subnet

Subnet ID subnet-0fd17b97191fc8a36	Name Public Zone1
---------------------------------------	----------------------

Auto-assign IP settings Info
Enable AWS to automatically assign a public IPv4 or IPv6 address to a new primary network interface for an instance in this subnet.

Enable auto-assign public IPv4 address Info

Resource-based name (RBN) settings Info
Specify the hostname type for EC2 instances in this subnet and optional RBN DNS query settings.

Enable resource name DNS A record on launch Info

VPC dashboard

You have successfully changed subnet settings:
Enable auto-assign public IPv4 address

Subnets (1/7) Info

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-01630e4db8c83bf29	Available	vpc-052b7fb3fd41f4d8f	172.31.
Public Zone1	subnet-0fd17b97191fc8a36	Available	vpc-03daae0d1aecda88 Osak...	192.168.
Private Zone1	subnet-07eda18321553b24c	Available	vpc-03daae0d1aecda88 Osak...	192.168.
Public Zone2	subnet-0aad0eb295997f0ed	Available	vpc-03daae0d1aecda88 Osak...	192.168.

subnet-0aad0eb295997f0ed / Public Zone2

Details Flow logs Route table Network ACL CIDR reservations Sharing Tags

Subnet ID subnet-0aad0eb295997f0ed	Subnet ARN arn:aws:vpc:ap-northeast-3:123456789012:subnet/0aad0eb295997f0ed	State Available	IPv4 CIDR 10.168.111.64/27
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VPC dashboard

You have successfully changed subnet settings:

- Enable auto-assign public IPv4 address

Subnets (1/7) Info

Name	Subnet ID	State	VPC
-	subnet-01630e4db8c83bf29	Available	vpc
Public Zone1	subnet-0fd17b97191fc8a36	Available	vpc
Private Zone1	subnet-07eda18321553b24c	Available	vpc
Public Zone2	subnet-0aad0eb295997f0ed	Available	vpc

subnet-0aad0eb295997f0ed / Public Zone2

Details

Subnet ID	Subnet ARN	State	IPv4 CIDR
subnet-0aad0eb295997f0ed	arn:aws:vpc:ap-northeast-3:123456789012:subnet/subnet-0aad0eb295997f0ed	Available	10.168.111.64/27

Edit subnet settings

Auto-assign IP settings Info
Enable AWS to automatically assign a public IPv4 or IPv6 address to a new primary network interface for an instance in this subnet.

Enable auto-assign public IPv4 address

Resource-based name (RBN) settings Info
Specify the hostname type for EC2 instances in this subnet and optional RBN DNS query settings.

Enable resource name DNS A record on launch

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The screenshot shows the AWS VPC Subnet Settings configuration page. It includes sections for 'Resource-based name (RBN) settings' and 'DNS64 settings'. In the RBN settings, 'Enable auto-assign public IPv4 address' is checked. In the DNS64 settings, 'Enable DNS64' is checked. A 'Save' button is visible at the bottom.

Resource-based name (RBN) settings

Specify the hostname type for EC2 instances in this subnet and optional RBN DNS query settings.

Enable auto-assign public IPv4 address [Info](#)

Enable resource name DNS A record on launch [Info](#)

Enable resource name DNS AAAA record on launch [Info](#)

Hostname type [Info](#)

Resource name

IP name

DNS64 settings

Enable DNS64 to allow IPv6-only services in Amazon VPC to communicate with IPv4-only services and networks.

Enable DNS64 [Info](#)

Cancel **Save**

The screenshot shows the AWS VPC Subnets dashboard. A green success message states: 'You have successfully changed subnet settings: Enable auto-assign public IPv4 address'. The main table lists subnets, including 'Public Zone2' which has been updated. The table columns include Name, Subnet ID, State, VPC, and IPv4 CIDR.

Name	Subnet ID	State	VPC	IPv4 CIDR
Public Zone1	subnet-0fd17b97191fc8a36	Available	vpc-034daae0d1aecda88 Osaka	192.168.113.64/27
Private Zone1	subnet-07eda18321553b24c	Available	vpc-034daae0d1aecda88 Osaka	192.168.113.65/27
<input checked="" type="checkbox"/> Public Zone2	<input checked="" type="checkbox"/> subnet-0aad0eb295997f0ed	Available	vpc-034daae0d1aecda88 Osaka	192.168.113.66/27
Private Zone2	subnet-0fd2d12a6dd8774f6	Available	vpc-034daae0d1aecda88 Osaka	192.168.113.67/27

subnet-0aad0eb295997f0ed / Public Zone2

[Details](#) [Flow logs](#) [Route table](#) [Network ACL](#) [CIDR reservations](#) [Sharing](#) [Tags](#)

Details

Subnet ID	Subnet ARN	State	IPv4 CIDR
subnet-0aad0eb295997f0ed	arn:aws:vpc:ap-northeast-3:123456789012:subnet/0aad0eb295997f0ed	Available	192.168.113.64/27

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Create Route Table

The screenshot shows the AWS VPC dashboard with two route tables listed:

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp

A modal window titled "Create route table" is open, showing the "Route table settings" section. The "Name" field is populated with "Osaka Public RT". The "VPC" dropdown is set to "vpc-034daae0d1aecda88 (Osaka-VPC)". Under the "Tags" section, there is one tag defined: "Name" with value "Osaka Public RT". A "Create route table" button is at the bottom of the modal.

The screenshot shows two views of the AWS VPC console. The top view displays the details of a newly created route table named 'rtb-0b5d47f192ff18181' under the 'Osaka Public RT' section. The bottom view shows a list of three route tables, including the newly created one.

Route Table Details:

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-0b5d47f192ff18181	No	-	-
VPC	Owner ID		
vpc-034daae0d1aecda88 Osaka-VPC	471112916582		

Route Tables List:

Name	Route table ID	Explicit subnet assoc...	Edge associations	Main	VPC
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp
Osaka Public RT	rtb-0b5d47f192ff18181	-	-	No	vp

Screenshot of the AWS VPC console showing the creation of a new 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*

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Route table rtb-0db9d5067eeb43114 | Osaka Private RT was created successfully.

rtb-0db9d5067eeb43114 / Osaka Private RT

You can now check network connectivity with Reachability Analyzer

Details Info

Route table ID <input type="text" value="rtb-0db9d5067eeb43114"/>	Main <input checked="checked" type="checkbox"/> No	Explicit subnet associations -	Edge associations -
VPC <input type="text" value="vpc-034daae0d1aecda88 Osaka-VPC"/>	Owner ID <input type="text" value="471112916582"/>		

Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Both

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Screenshot of the AWS VPC Console showing Route Tables.

Route tables (4) Info

Name	Route table ID	Explicit subnet associ...	Edge associations	Main	VPC
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp
Osaka Public RT	rtb-0b5d47f192ff18181	-	-	No	vp
Osaka Private RT	rtb-0db9d5067eeb43114	-	-	No	vp

Select a route table

Route tables (1/4) Info

Name	Route table ID	Explicit subnet associ...	Edge associations	Main	VPC
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp
<input checked="" type="checkbox"/> Osaka Public RT	rtb-0b5d47f192ff18181	-	-	No	vp
<input type="checkbox"/> Osaka Private RT	rtb-0db9d5067eeb43114	-	-	No	vp

rtb-0b5d47f192ff18181 / Osaka Public RT

Details | Routes | Subnet associations | Edge associations | Route propagation | Tags

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Details

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CloudShell Feedback

Screenshot of the AWS VPC Console showing Route Tables and Subnet Associations.

Route tables (1/4) Info

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp
<input checked="" type="checkbox"/> Osaka Public RT	rtb-0b5d47f192ff18181	-	-	No	vp
<input type="checkbox"/> Osaka Private RT	rtb-0db9d5067eeb43114	-	-	No	vp

Subnets without explicit associations (4)

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

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR
Public Zone1	subnet-0fd17b97191fc8a36	192.168.111.0/27	-

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (2/4)

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input checked="" type="checkbox"/> Public Zone1	subnet-0fd17b97191fc8a36	192.168.111.0/27	-	Main (rtb-0bf0c0f9eb25e8260)
<input type="checkbox"/> Private Zone1	subnet-07eda18321553b24c	192.168.111.32/27	-	Main (rtb-0bf0c0f9eb25e8260)
<input checked="" type="checkbox"/> Public Zone2	subnet-0aad0eb295997f0ed	192.168.111.64/27	-	Main (rtb-0bf0c0f9eb25e8260)
<input type="checkbox"/> Private Zone2	subnet-0fd2d12a6dd8774f6	192.168.111.96/27	-	Main (rtb-0bf0c0f9eb25e8260)

Selected subnets

- [subnet-0fd17b97191fc8a36 / Public Zone1](#)
- [subnet-0aad0eb295997f0ed / Public Zone2](#)

[Save associations](#)

VPC dashboard

You have successfully updated subnet associations for rtb-0b5d47f192ff18181 / Osaka Public RT.

Name	Route table ID	Explicit subnet assoc...	Edge associations	Main	VP
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp
<input checked="" type="checkbox"/> Osaka Public RT	rtb-0b5d47f192ff18181	2 subnets	-	No	vp
-	rtb-0db9d5067eeb43114	-	-	No	vp

rtb-0b5d47f192ff18181 / Osaka Public RT

Details | Routes | Subnet associations | Edge associations | Route propagation | Tags

You can now check network connectivity with Reachability Analyzer

Subnets without explicit associations (2)

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

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR
Private Zone1	subnet-07eda18321553b24c	192.168.111.32/27	-

Screenshot of the AWS VPC console showing the "Edit subnet associations" page for route table ID rtb-0db9d5067eeb43114.

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (2/4)

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
Public Zone1	subnet-0fd17b97191fc8a36	192.168.111.0/27	-	rtb-0b5d47f192ff18181 / Osaka
Private Zone1	subnet-07eda18321553b24c	192.168.111.32/27	-	Main (rtb-0bf0c0f9eb25e8260)
Public Zone2	subnet-0aad0eb295997f0ed	192.168.111.64/27	-	rtb-0b5d47f192ff18181 / Osaka
Private Zone2	subnet-0fd2d12a6dd8774f6	192.168.111.96/27	-	Main (rtb-0bf0c0f9eb25e8260)

Selected subnets

- subnet-07eda18321553b24c / Private Zone1
- subnet-0fd2d12a6dd8774f6 / Private Zone2

Actions: Cancel, Save associations

Screenshot of the AWS VPC dashboard showing the "Route tables" section.

Route tables (1/4) Info

You have successfully updated subnet associations for rtb-0db9d5067eeb43114 / Osaka Private RT.

Name	Route table ID	Explicit subnet assoc...	Edge associations	Main	VPC
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp
Osaka Public RT	rtb-0b5d47f192ff18181	2 subnets	-	No	vp
Osaka Private RT	rtb-0db9d5067eeb43114	2 subnets	-	No	vp

rtb-0db9d5067eeb43114 / Osaka Private RT

- Details
- Routes
- Subnet associations
- Edge associations
- Route propagation
- Tags

Details: You can now check network connectivity with Reachability Analyzer. Run Reachability Analyzer.

Actions: CloudShell, Feedback

Screenshot of the AWS VPC Management Console showing the Route tables page.

The top navigation bar shows tabs for Home | EC2 | ap-south-1, Route tables | VPC Management, Console Home | Console Home, and Home | EC2 | ap-northeast-1. The URL in the address bar is ap-northeast-3.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-3#RouteTables.

The main content area displays a success message: "You have successfully updated subnet associations for rtb-0db9d5067eeb43114 / Osaka Private RT." Below this is a table titled "Route tables (4) Info".

	Name	Route table ID	Explicit subnet associ...	Edge associations	Main	VPC
<input type="checkbox"/>	-	rtb-0647f356f07ef79c6	-	-	Yes	vp
<input type="checkbox"/>	-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp
<input type="checkbox"/>	Osaka Public RT	rtb-0b5d47f192ff18181	2 subnets	-	No	vp
<input type="checkbox"/>	Osaka Private RT	rtb-0db9d5067eeb43114	2 subnets	-	No	vp

Below the table, there is a section titled "Select a route table" with a dropdown menu.

The bottom of the screen shows the AWS navigation bar with CloudShell, Feedback, Search, and various icons. It also displays weather information (26°C, Mostly cloudy), system status (ENG US), and the date/time (13-06-2024).

Create Internet Gateway

The screenshot shows the AWS VPC dashboard with the 'Internet gateways' section selected. A success message at the top states: "Route table rtb-077b5a76d750ed37f | Osaka-RT was created successfully." Below this, a table lists one internet gateway:

Name	Internet gateway ID	State	VPC ID
-	igw-0c06c848b2709f06b	Attached	vpc-052b7fb3fd41f4d8f

Below the table, a message says "Select an internet gateway above". The browser address bar shows the URL: ap-northeast-3.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-3#igws.

At the bottom, the 'Create internet gateway' button is highlighted in orange.

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
<input type="text" value="Name"/>	<input type="text" value="Osaka-IGW"/> <input type="button" value="Remove"/>

You can add 49 more tags.

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The screenshot shows the AWS VPC dashboard with a success message: "The following internet gateway was created: igw-006d87d8164de88a0 - Osaka-IGW. You can now attach to a VPC to enable the VPC to communicate with the internet." Below this, the details for the newly created Internet Gateway (igw-006d87d8164de88a0) are displayed, including its ID, state (Detached), and owner (471112916582). A tag named "Name" is also present with the value "Osaka-IGW".

Internet gateway ID: igw-006d87d8164de88a0
State: Detached
VPC ID: -
Owner: 471112916582

Tags:

Key	Value
Name	Osaka-IGW

The screenshot shows the "Internet gateways (1/2)" page. It lists one Internet Gateway: "Osaka-IGW" (igw-006d87d8164de88a0), which is currently detached from a VPC. The "Create internet gateway" button is visible at the top right.

Name	Internet gateway ID	State	VPC ID
-	igw-0c06c848b2709f06b	Attached	vpc-052b7fb3fd41f4d8f
Osaka-IGW	igw-006d87d8164de88a0	Detached	-

The screenshot shows the detailed view for the Internet Gateway "igw-006d87d8164de88a0 / Osaka-IGW". The "Details" tab is selected, showing the same information as the previous screen: Internet gateway ID, state, VPC ID, and owner.

Internet gateway ID: igw-006d87d8164de88a0
State: Detached
VPC ID: -
Owner: 471112916582

The screenshot shows the 'Attach to VPC' dialog box for an internet gateway. The 'Available VPCs' section contains a search bar with the value 'vpc-034daae0d1aecda88'. Below the search bar is a link to 'AWS Command Line Interface command'. At the bottom are 'Cancel' and 'Attach internet gateway' buttons.

The screenshot shows the 'Internet gateway igw-006d87d8164de88a0 successfully attached to vpc-034daae0d1aecda88' page. The 'Details' tab is selected, showing the following information:

Internet gateway ID	State	VPC ID	Owner
igw-006d87d8164de88a0	Attached	vpc-034daae0d1aecda88 Osaka-VPC	471112916582

The 'Tags' section shows a single tag: Name = Osaka-IGW. There is a 'Manage tags' button next to the tags table.

Screenshot of the AWS VPC Console showing Route Tables.

Route tables (1/4) Info

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp
<input checked="" type="checkbox"/> Osaka Public RT	rtb-0b5d47f192ff18181	2 subnets	-	No	vp
<input type="checkbox"/> Osaka Private RT	rtb-0db9d5067eeb43114	2 subnets	-	No	vp

Routes (1)

Destination	Target	Status	Propagated
192.168.111.0/24	local	Active	No

Edit routes

Destination	Target	Status	Propagated
192.168.111.0/24	local	Active	No

Add route

Cancel Preview Save changes

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Screenshot of the AWS VPC Console showing the 'Edit routes' page for a specific route table. The table lists one existing route and several entries in the 'Add route' section.

Destination	Target	Status	Propagated
192.168.111.0/24	local	Active	No

Add route section:

Destination	Target
0.0.0.0/0	local

Buttons: Cancel, Preview, Save changes.

Screenshot of the AWS VPC Console showing the 'Edit routes' page for a specific route table. The table lists one existing route and several entries in the 'Add route' section.

Destination	Target	Status	Propagated
192.168.111.0/24	local	Active	No

Add route section:

Destination	Target
0.0.0.0/0	Core Network
	Egress Only Internet Gateway
	Gateway Load Balancer Endpoint
	Instance
	Internet Gateway
	local
	NAT Gateway

Buttons: Add route, Cancel, Preview, Save changes.

Screenshot of the AWS VPC Console showing the 'Edit routes' page for a specific route table. The table lists one route entry:

Destination	Target	Status	Propagated
192.168.111.0/24	local	Active	No
0.0.0.0/0	Internet Gateway	-	No
	igw-006d87d8164de88a0 (Osaka-IGW)		

Buttons at the bottom include 'Cancel', 'Preview', and 'Save changes'.

Screenshot of the AWS VPC Console showing the 'Edit routes' page for a specific route table. The table lists one route entry:

Destination	Target	Status	Propagated
192.168.111.0/24	local	Active	No
0.0.0.0/0	Internet Gateway	-	No
	igw-006d87d8164de88a0		

Buttons at the bottom include 'Cancel', 'Preview', and 'Save changes'.

Instances | EC2 | ap-northeast-3 RouteTableDetails | VPC Console Console Home | Console Home Home | EC2 | ap-northeast-1

Gmail YouTube Maps

AWS Services Search [Alt+S]

VPC dashboard X

EC2 Global View Filter by VPC: Select a VPC

Virtual private cloud Your VPCs Subnets

Route tables Internet gateways Egress-only internet gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints Federated services

CloudShell Feedback

26°C Mostly cloudy

Instances | EC2 | ap-northeast-3 RouteTableDetails | VPC Console Console Home | Console Home Home | EC2 | ap-northeast-1

Gmail YouTube Maps

AWS Services Search [Alt+S]

VPC dashboard X

EC2 Global View Filter by VPC: Select a VPC

Virtual private cloud Your VPCs Subnets

Route tables Internet gateways Egress-only internet gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints Federated services

CloudShell Feedback

26°C Mostly cloudy

Updated routes for rtb-0b5d47f192ff18181 / Osaka Public RT successfully

rtb-0b5d47f192ff18181 / Osaka Public RT

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

Details Info

Route table ID rtb-0b5d47f192ff18181	Main No	Explicit subnet associations 2 subnets	Edge associations
VPC vpc-034daae0d1aecda88 Osaka-VPC	Owner ID 471112916582		

Routes Subnet associations Edge associations Route propagation Tags

Both Edit routes

Routes (2)

Filter routes

Destination	Target	Status	Propagated
0.0.0.0/0	igw-006d87d8164de88a0	Active	No
192.168.111.0/24	local	Active	No

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ENG US 01:16 13-06-2024

Updated routes for rtb-0b5d47f192ff18181 / Osaka Public RT successfully

rtb-0b5d47f192ff18181 / Osaka Public RT

Details Info

Route table ID rtb-0b5d47f192ff18181	Main No	Explicit subnet associations 2 subnets	Edge associations
VPC vpc-034daae0d1aecda88 Osaka-VPC	Owner ID 471112916582		

Routes Subnet associations Edge associations Route propagation Tags

Both Edit routes

Routes (2)

Filter routes

Destination	Target	Status	Propagated
0.0.0.0/0	igw-006d87d8164de88a0	Active	No
192.168.111.0/24	local	Active	No

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ENG US 01:16 13-06-2024

Screenshot of the AWS VPC Console showing Route Tables and Routes.

Route tables (1/4) Info

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp
<input checked="" type="checkbox"/> Osaka Public RT	rtb-0b5d47f192ff18181	2 subnets	-	No	vp
<input type="checkbox"/> Osaka Private RT	rtb-0db9d5067eeb43114	2 subnets	-	No	vp

Routes (2)

Destination	Target	Status	Propagated
0.0.0/0	igw-006d87d8164de88a0	Active	No
192.168.111.0/24	local	Active	No

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Create EC2 Instances

The screenshot shows the AWS EC2 Instances page in the ap-northeast-3 region. The main interface displays a message stating "No instances" and "You do not have any instances in this region". A prominent "Launch instances" button is visible. On the right side, a sidebar lists various AWS regions with their corresponding endpoint names. The browser's address bar shows the URL `ap-northeast-3.console.aws.amazon.com/ec2/home?region=ap-northeast-3#Instances:`. The browser status bar indicates the date as 13-06-2024.

Region	Endpoint
US East (N. Virginia)	us-east-1
US East (Ohio)	us-east-2
US West (N. California)	us-west-1
US West (Oregon)	us-west-2
Asia Pacific (Mumbai)	ap-south-1
Asia Pacific (Osaka)	ap-northeast-3
Asia Pacific (Seoul)	ap-northeast-2
Asia Pacific (Singapore)	ap-southeast-1
Asia Pacific (Sydney)	ap-southeast-2
Asia Pacific (Tokyo)	ap-northeast-1
Canada (Central)	ca-central-1
Europe (Frankfurt)	eu-central-1

This screenshot is identical to the first one, but the "Actions" dropdown menu is now open, revealing options like "Launch instances", "Stop instances", "Start instances", "Reboot instances", "Delete instances", and "Edit instances". The rest of the interface and sidebar remain the same.

Screenshot of the AWS CloudShell interface showing the process of launching an EC2 instance.

Step 1: Launch an instance - Step 1 of 3

Summary

- Number of instances: 1
- Software Image (AMI): Amazon Linux 2023.4.2...read more
ami-009bb45662566205b
- Virtual server type (instance type): t2.micro
- Firewall (security group): New security group
- Storage (volumes): 1 volume(s) - 8 GiB

Launch instance

Step 2: Application and OS Images (Amazon Machine Image)

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

Step 3: Quick Start

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

Amazon Machine Image (AMI)

Microsoft Windows Server 2022 Base ami-0c9e910d12623baa9 (64-bit (x86)) Virtualization: hvm ENA enabled: true Root device type: ebs	Free tier eligible
---	--------------------

Description

Microsoft Windows Server 2022 Full Locale English AMI provided by Amazon

Architecture 64-bit (x86) **AMI ID** ami-0c9e910d12623baa9 **Verified provider**

Step 4: Review commands

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The screenshot shows three sequential steps in the AWS CloudShell interface for launching an EC2 instance.

Step 1: Instance Type Selection

The user is selecting the instance type "t2.micro". The "Free tier eligible" checkbox is checked. Other options shown include "t2.nano" and "t2.micro". A note at the bottom states: "Additional costs apply for AMIs with pre-installed software".

Step 2: Key Pair Creation

A modal window titled "Create key pair" is open. The "Key pair name" field contains "Osaka". The "Key pair type" section has "RSA" selected. The "Private key file format" section has ".pem" selected. The "Create key pair" button is highlighted in orange.

Step 3: Launch Instance Confirmation

The main interface shows the "Summary" section with 1 instance selected. The "Launch instance" button is highlighted in orange. The status bar at the bottom right indicates the date and time: "01:07 13-06-2024".

The image consists of three vertically stacked screenshots of the AWS EC2 Launch Instances wizard, showing the configuration of a new instance.

Screenshot 1: Instance Type Selection

Shows the selection of the **t2.micro** instance type. The **Free tier eligible** status is highlighted. Other options like **All generations** and **Compare instance types** are available. A note at the bottom states: **Additional costs apply for AMIs with pre-installed software**.

Screenshot 2: Key Pair Configuration

Shows the configuration of a key pair named **Osaka**. It includes a note: **You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.** A **Create new key pair** button is also present.

Screenshot 3: Network Settings Configuration

Shows the configuration of network settings. It includes:

- VPC - required**: Set to **vpc-034daae0d1aeecd88 (Osaka-VPC)**.
- Subnet**: Set to **subnet-0fd17b97191fc8a36** in **Public Zone1**.
- Auto-assign public IP**: Set to **Enable**.
- Firewall (security groups)**: Set to **Create security group**.

The right side of each screenshot displays a summary panel with the following details:

- Number of instances**: 1
- Software Image (AMI)**: Microsoft Windows Server 2022
- Virtual server type (instance type)**: t2.micro
- Firewall (security group)**: New security group
- Storage (volumes)**: 1 volume(s) - 30 GiB

At the bottom of each summary panel are **Cancel**, **Launch instance** (highlighted in orange), and **Review commands** buttons.

The screenshot shows the AWS EC2 Launch Instances wizard. On the left, under 'Network settings', a VPC is selected (vpc-034daae0d1aecda88) and a subnet (subnet-0fd17b97191fc8a36) is chosen. The 'Auto-assign public IP' option is set to 'Enable'. Under 'Firewall (security groups)', there is a note about additional charges and two options: 'Create security group' (selected) and 'Select existing security group'. On the right, the 'Summary' section shows 1 instance being launched with the following details:

- Software Image (AMI):** Microsoft Windows Server 2022
- Virtual server type (instance type):** t2.micro
- Firewall (security group):** New security group
- Storage (volumes):** 1 volume(s) - 30 GiB

At the bottom right are 'Cancel' and 'Launch instance' buttons.

The screenshot shows the continuation of the AWS EC2 Launch Instances wizard. On the left, under 'Advanced network configuration', a rule is defined for port 3389 (TCP) from 'Anywhere' to '0.0.0.0/0'. A warning message states: '⚠ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.' Below this is an 'Add security group rule' button. Under 'Configure storage', a root volume of 30 GiB (gp2) is selected. On the right, the 'Summary' section remains the same as the previous step.

The screenshot shows the final review step of the AWS EC2 Launch Instances wizard. The summary on the right includes:

- Number of instances:** 1
- Software Image (AMI):** Microsoft Windows Server 2022
- Virtual server type (instance type):** t2.micro
- Firewall (security group):** New security group
- Storage (volumes):** 1 volume(s) - 30 GiB

At the bottom right are 'Cancel' and 'Launch instance' buttons. The status bar at the bottom indicates the date and time as 13-06-2024 01:09.

Screenshot of the AWS CloudShell interface showing the configuration of an Inbound Security Group Rule for port 3389.

Inbound Security Group Rules

Security group rule 1 (TCP, 3389, 0.0.0.0/0)

Type	Protocol	Port range
rdp	TCP	3389

Source type: Anywhere

Description - optional: e.g. SSH for admin desktop

Security group rule 2 (All, All, 0.0.0.0/0)

Type	Protocol	Port range
All traffic	All	All

Source type: Anywhere

Description - optional: e.g. SSH for admin desktop

Summary

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2022 ...read more
ami-0c9e910d12623baa9

Virtual server type (instance type): t2.micro

Firewall (security group): New security group

Storage (volumes): 1 volume(s) - 30 GiB

Launch instance

Review commands

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Launch an instance | EC2 | ap-northeast-1 | subnets | VPC Console | Console Home | Console Home | Home | EC2 | ap-northeast-1

ap-northeast-3.console.aws.amazon.com/ec2/home?region=ap-northeast-3#LaunchInstances:

Services Search [Alt+S]

1x 30 GiB gp2 Root volume (Not encrypted)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

Add new volume

The selected AMI contains more instance store volumes than the instance allows. Only the first 0 instance store volumes from the AMI will be accessible from the instance

Click refresh to view backup information

0 x File systems

Advanced details Info

Number of instances Info
1

Software Image (AMI)
Microsoft Windows Server 2022 ...read more
ami-0c9e910d12623baa9

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 30 GiB

Cancel Launch instance Review commands

CloudShell Feedback

26°C Mostly cloudy

Search

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ENG US 01:09 13-06-2024

Launch an instance | EC2 | ap-northeast-1 | subnets | VPC Console | Console Home | Console Home | Home | EC2 | ap-northeast-1

ap-northeast-3.console.aws.amazon.com/ec2/home?region=ap-northeast-3#LaunchInstances:

Services Search [Alt+S]

EC2 > Instances > Launch an instance

Launching instance
Creating security groups 14%

Details

Please wait while we launch your instance.
Do not close your browser while this is loading.

CloudShell Feedback

26°C Mostly cloudy

Search

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ENG US 01:09 13-06-2024

Screenshot of the AWS CloudShell interface showing the successful launch of an EC2 instance.

The CloudShell window title is "Launch an instance | EC2 | ap-northeast-3". The URL is "ap-northeast-3.console.aws.amazon.com/ec2/home?region=ap-northeast-3#LaunchInstances:"

The main content shows a green success message: "Successfully initiated launch of instance (i-0ea07c8b9b782c5d7)". Below it is a "Launch log" link.

A "Next Steps" section contains three items:

- Create billing and free tier usage alerts
- Connect to your instance
- Connect an RDS database

The "Connect to instance" button is highlighted.

The CloudShell status bar shows "CloudShell Feedback", the date "13-06-2024", and the time "01:09".

Below the CloudShell, the AWS Services navigation bar is visible, showing "EC2 > Instances > Launch an instance".

The main EC2 Instances page shows one instance named "Windows Osaka 2022" with the ID "i-0ea07c8b9b782c5d7". The instance is listed as "Running".

A modal window titled "Select an instance" is open, listing the same instance.

The CloudShell status bar at the bottom shows "CloudShell Feedback", the date "13-06-2024", and the time "01:12".

The screenshot shows the AWS EC2 Instances page. The main pane displays a table of instances with one entry:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
Windows Osaka 2022	i-0ea07c8b9b782c5d7	Running	t2.micro	2/2 checks passed	View alarms

Below the table, a detailed view of the selected instance (i-0ea07c8b9b782c5d7) is shown. The 'Details' tab is active, displaying the following information:

- Instance summary**:
 - Instance ID: i-0ea07c8b9b782c5d7 (Windows Osaka 2022)
 - Public IPv4 address: 15.168.3.225 | [open address](#)
 - Private IPv4 addresses: 192.168.111.27
 - IPv6 address: -
 - Instance state: Running
 - Public IPv4 DNS: -

The status bar at the bottom indicates the date as 13-06-2024 and the time as 01:12.

The screenshot shows the same AWS EC2 Instances page as above. A tooltip appears over the Public IPv4 address field, stating "Public IPv4 address copied". The rest of the interface and instance details remain the same.

The status bar at the bottom indicates the date as 13-06-2024 and the time as 01:12.

Screenshot of the AWS Management Console showing the EC2 Instances page and a Windows Remote Desktop session.

The top section shows the AWS Services navigation bar and the EC2 Instances page. A search bar at the top right contains the text "ap-northeast-3.console.aws.amazon.com/ec2/home?region=ap-northeast-3#Instances:v=3:\$case=true%5C.client=false:\$regex=tags:false%5C.cli...".

The left sidebar includes links for EC2 Dashboard, EC2 Global View, Events, Instances (selected), Instances Types, Launch Templates, Spot Requests, Savings Plans, and Reserved Instances.

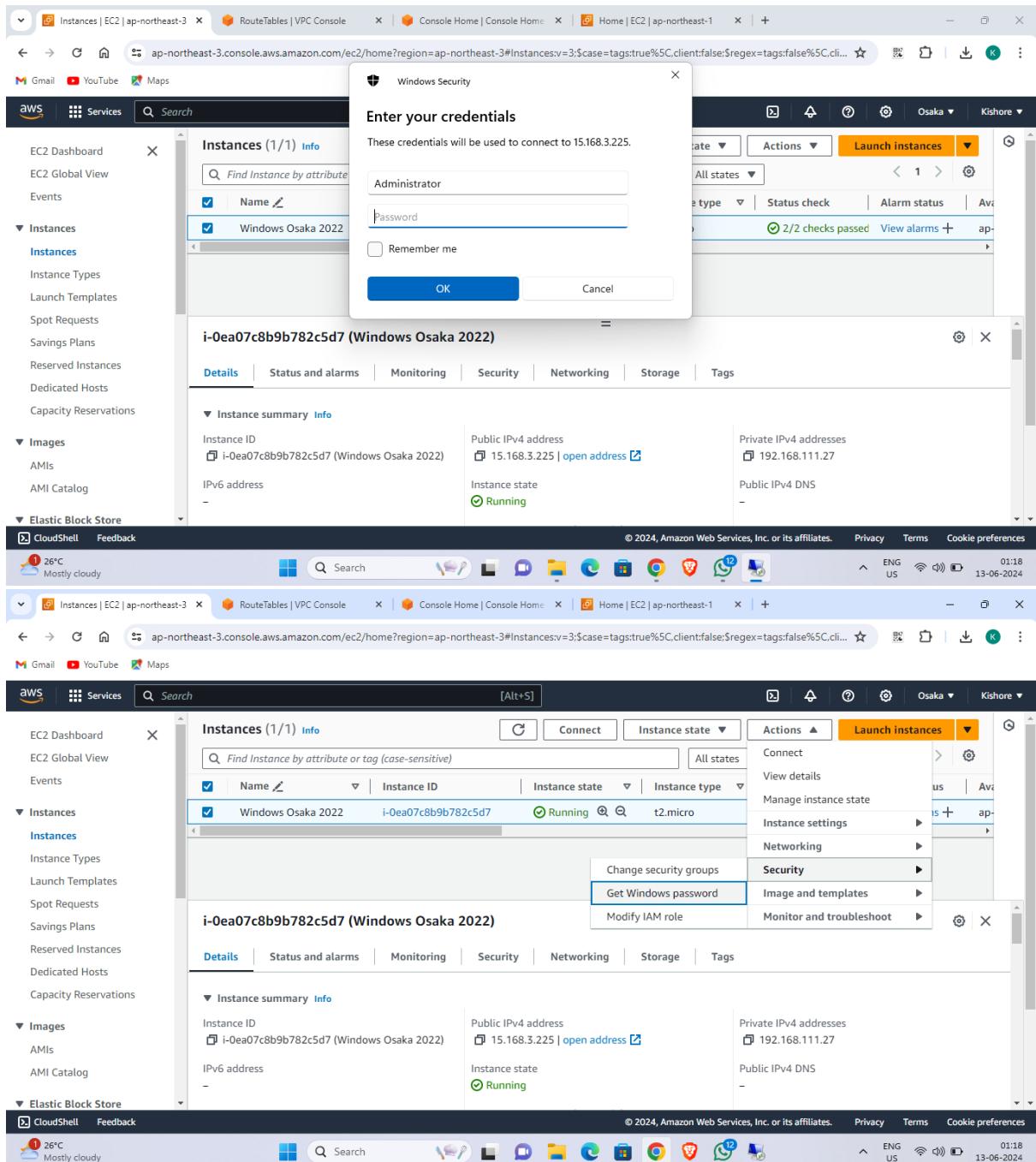
The main content area displays a table of instances:

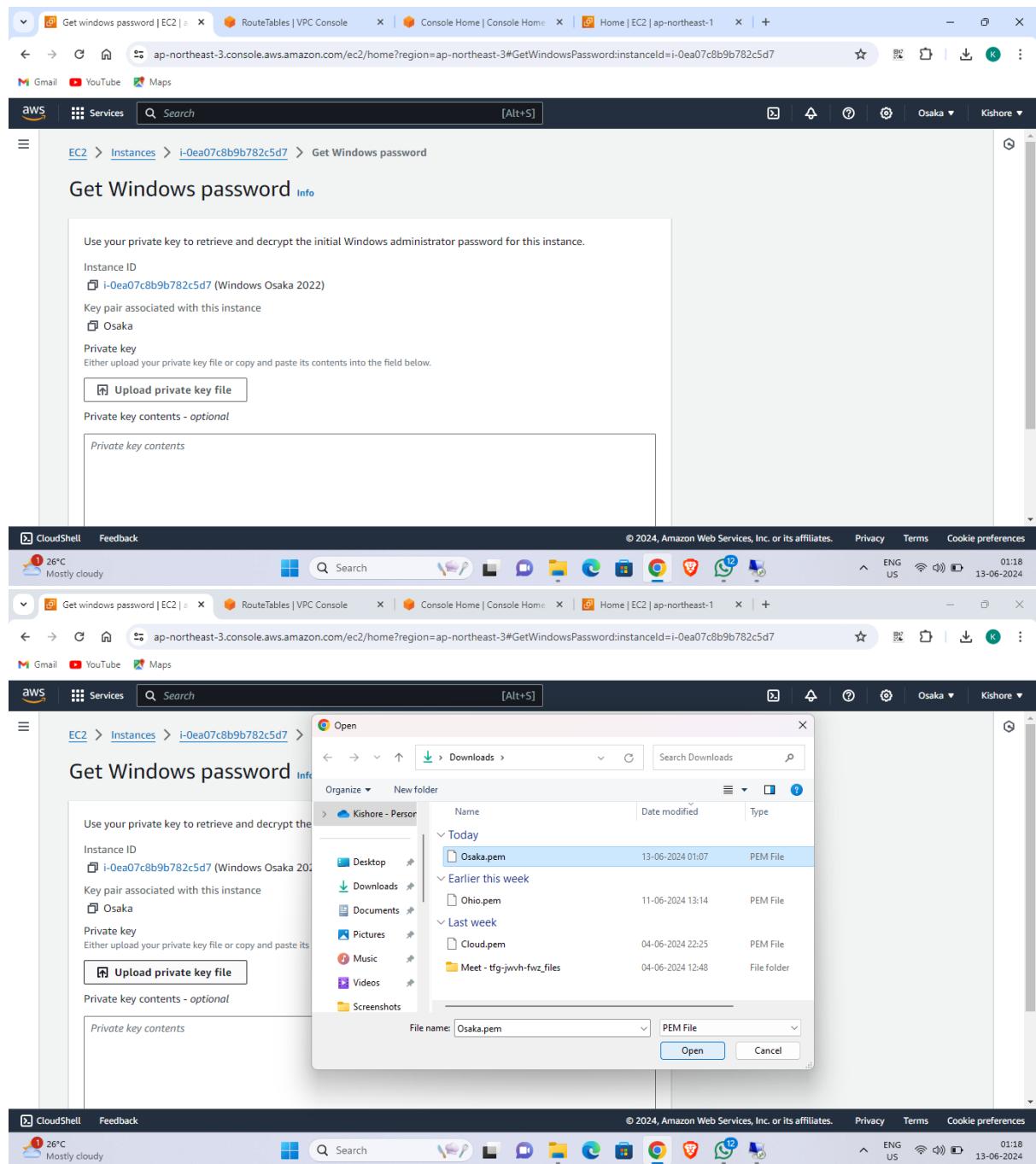
Name	Instance ID	Instance state	Instance type	Status check	Alarm status
Windows Osaka 2022	i-0ea07c8b9b782c5d7	Running	t2.micro	2/2 checks passed	View alarms

A modal window titled "Run" is open, showing a command prompt with "mstsc" typed into the "Open:" field. Buttons for "OK", "Cancel", and "Browse..." are visible.

The bottom section shows a "Remote Desktop Connection" dialog box. It has fields for "Computer:" (set to "15.168.3.225"), "User name:" (set to "None specified"), and "Show Options". Buttons for "Connect" and "Help" are at the bottom.

The status bar at the bottom of the screen shows the date and time as "13-06-2024" and "01:13".





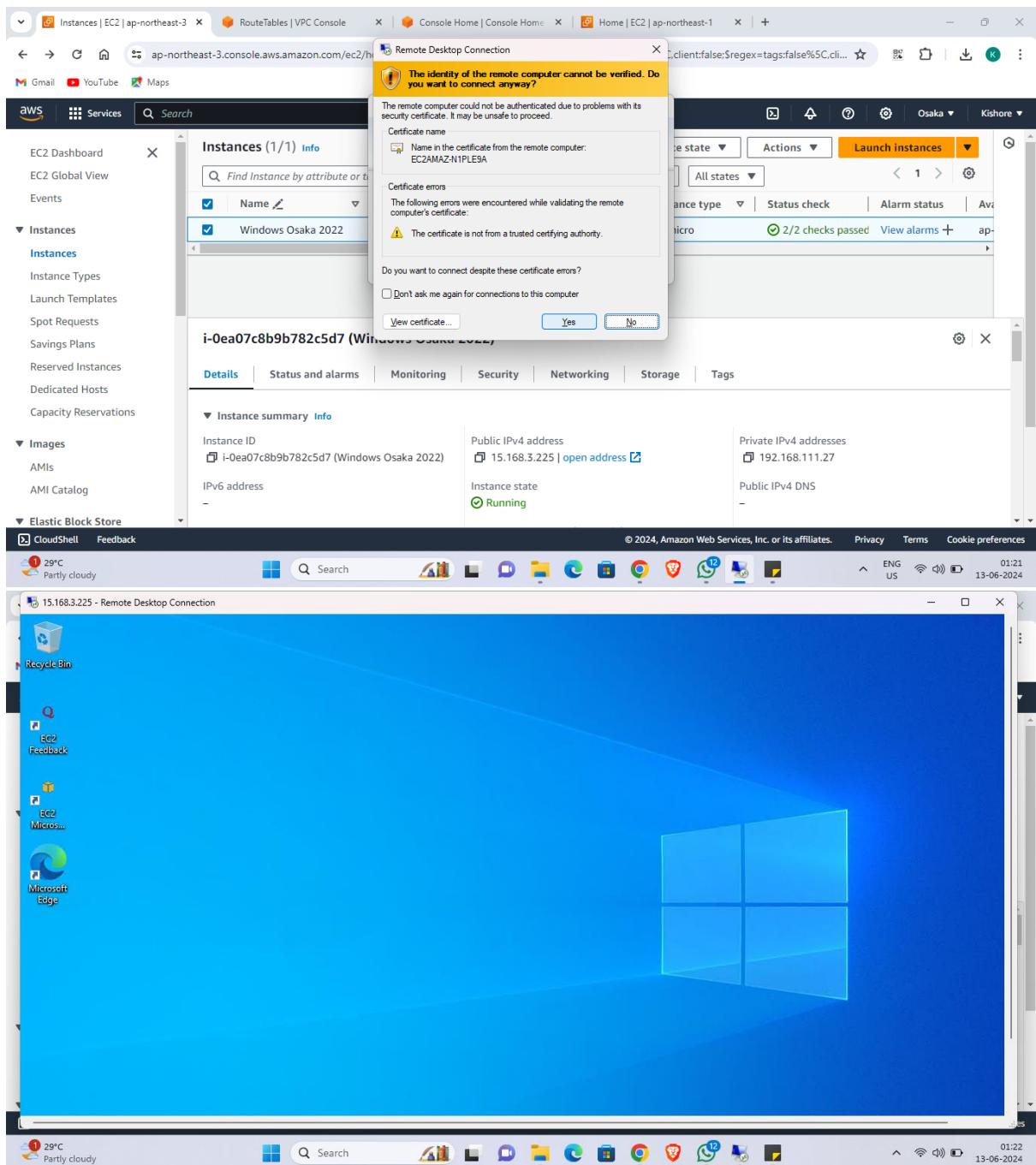
Screenshot of the AWS CloudShell interface showing the process of retrieving a Windows password for an EC2 instance.

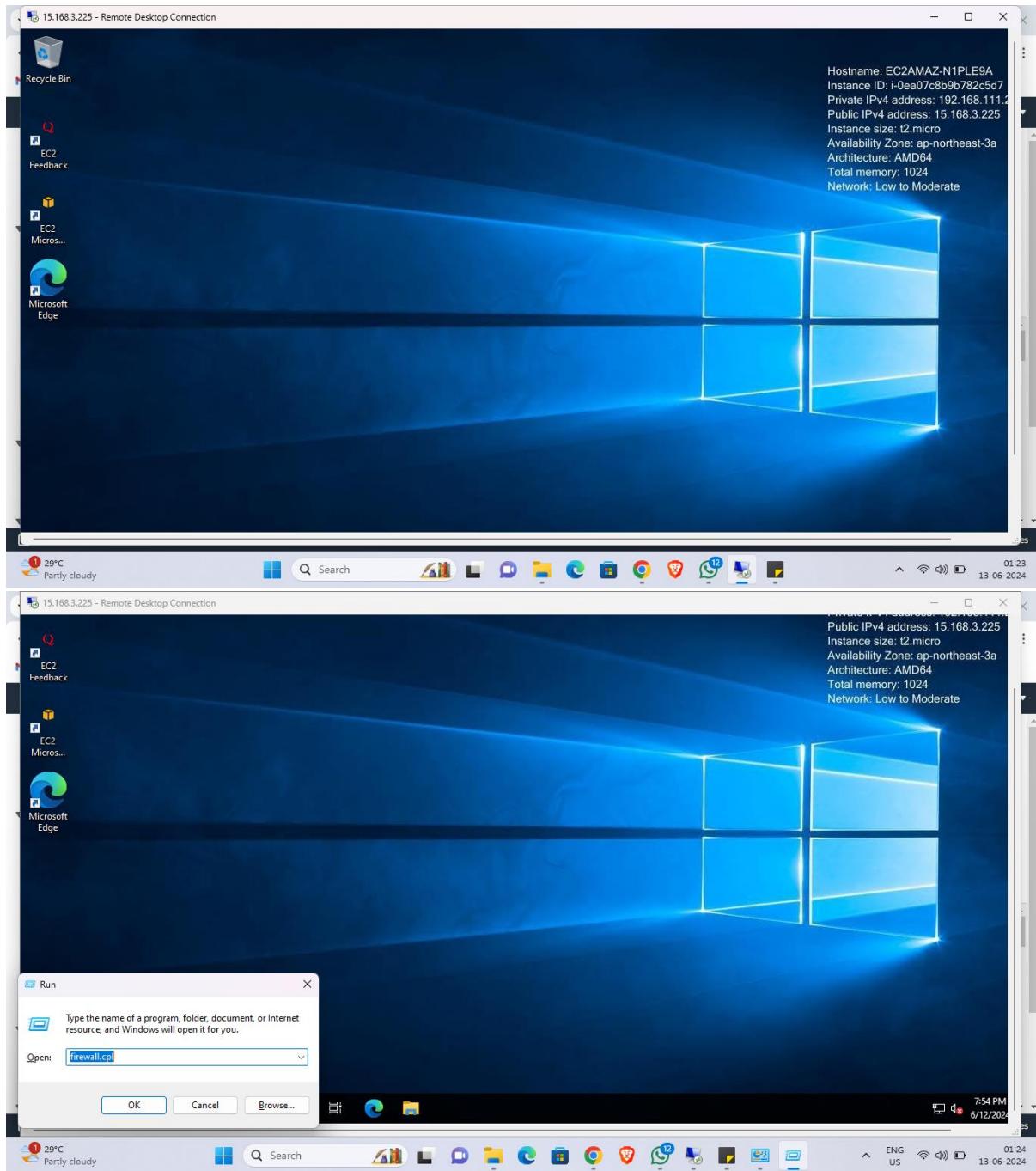
The top section shows the AWS Services search bar with "Services" selected. A modal window titled "Get windows password | EC2" is open, displaying the private key contents for instance "i-0ea07c8b9b782c5d7".

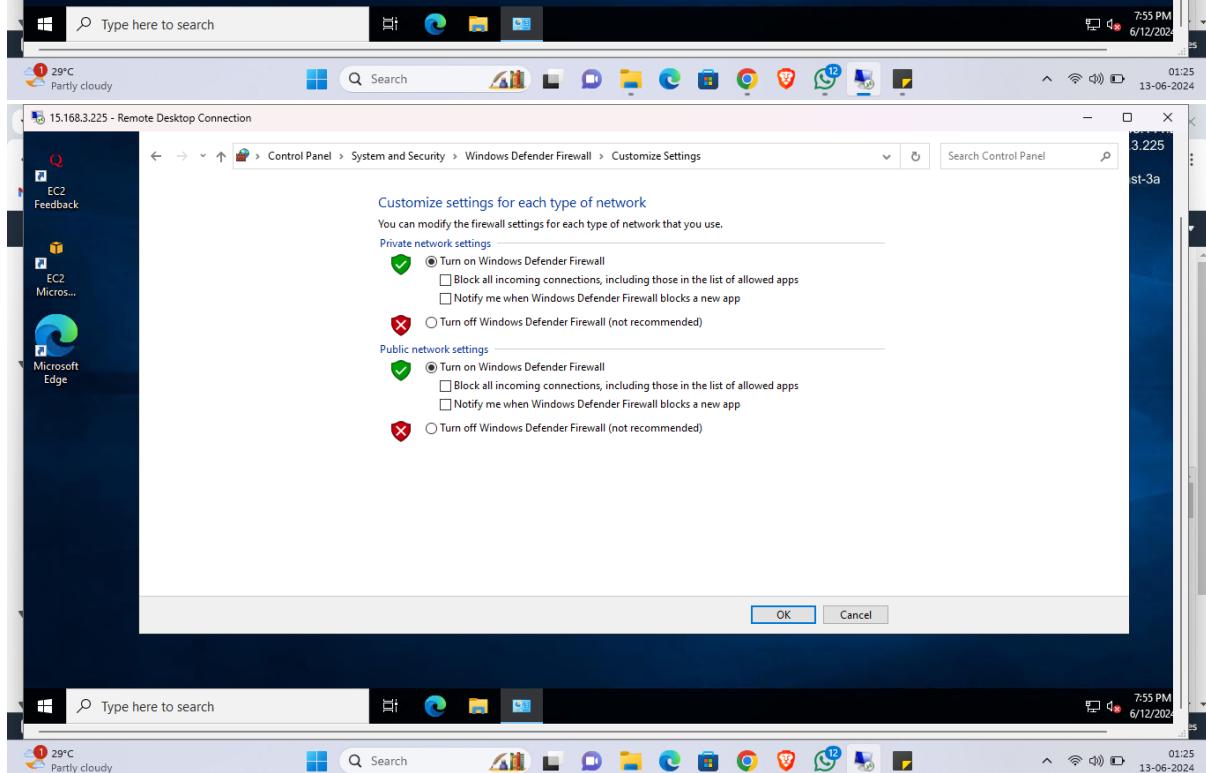
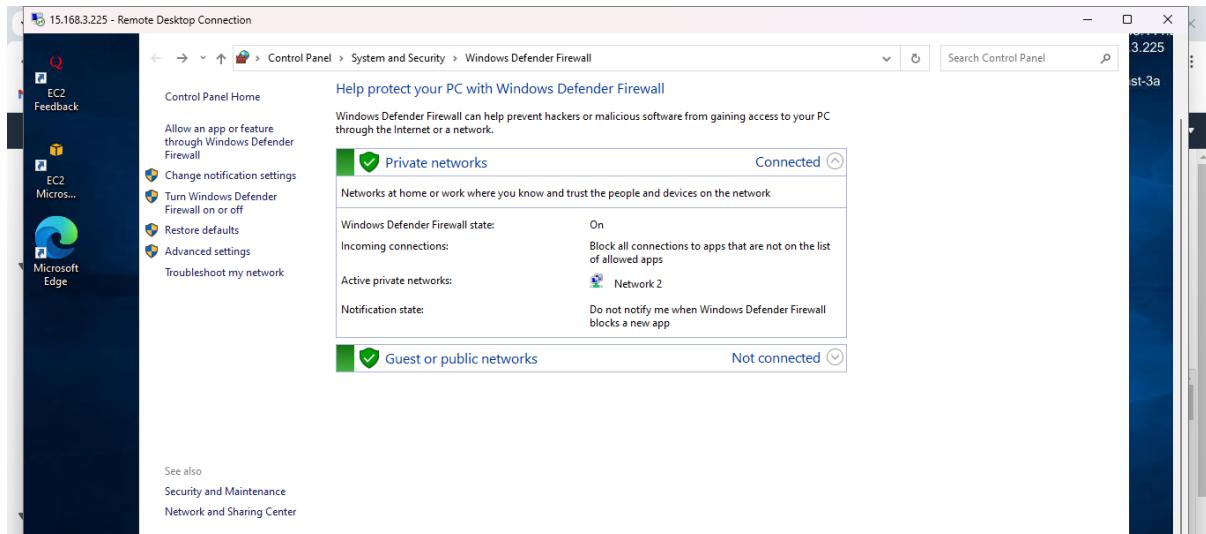
```
-----BEGIN RSA PRIVATE KEY-----  
MIIEowIBAAKCAQEAsxSEQkktKUHNt28qpVnN1P59o6b7mNsUg5ahyoFDKgcjqEs  
4tShCI/06eoYySrvKG4muSjd8QFjFSYazcayJkA6pbh+rC1+rzzkehluUzCjeE  
nHeEZP2p+Yc5qKodhzYKXP3wWi2eCYanlzBdTthh0BML0oa2tbcOA/KH4Q6koBZ  
ywJSYkOf0JlbJxU+B/MeKgjIku6S18b8Bs2aU38wsoC3CNGl8KDEpv37sjfdd/yi  
HloUPgY//740FMmgsaGdZdn9vv+2TMdaFqlVUmj6a9jxUpkg73FHEsszcf5Yr1  
F+wxo96blAuzxT9VE9ER2jKAL3SEaRYjkpow0QIDAQABa0lBAFnPLmCdyE1EEQV  
7u9dFt+ILND2Yb8qoWc3hQqlAQX0OoWU7LkgCIDF+TVbnvtwz248r8E0J4kk9cX
```

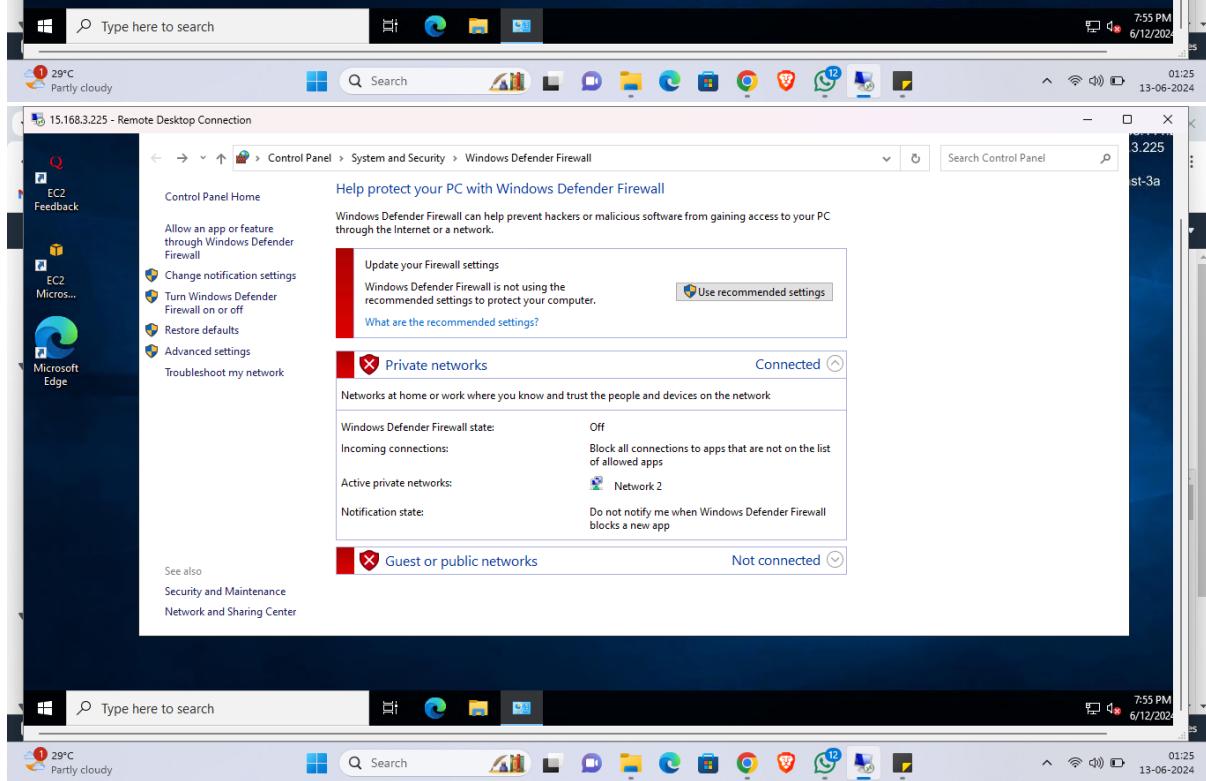
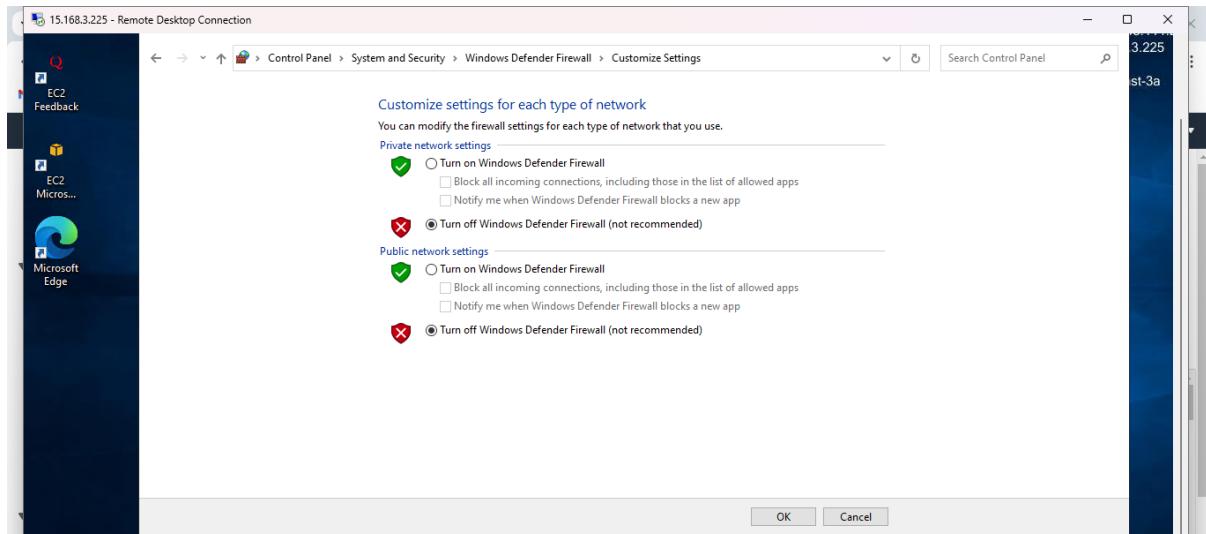
Buttons at the bottom of the modal are "Cancel" and "Decrypt password".

The bottom section shows the "Get Windows password" dialog box, which contains the instance ID "i-0ea07c8b9b782c5d7", private IP address "192.168.111.27", and a "Username" field. A message box titled "Password change recommended" displays a note about changing the default password. Buttons at the bottom of the dialog are "Cancel" and "OK".









15.168.3.225 - Remote Desktop Connection

```
Microsoft Windows [Version 10.0.20348.2461]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet 2:

Connection-specific DNS Suffix . : ap-northeast-3.compute.internal
Link-local IPv6 Address . . . . . : fe80::d41f:7425:982b:2eb%7
IPv4 Address . . . . . : 192.168.111.27
Subnet Mask . . . . . : 255.255.255.224
Default Gateway . . . . . : 192.168.111.1

C:\Users\Administrator>
```

Public IPv4 address: 15.168.3.225
Instance size: t2.micro
Availability Zone: ap-northeast-3a
Architecture: AMD64
Total memory: 1024
Network: Low to Moderate

Type here to search

7:56 PM 6/12/2024

29°C Partly cloudy

Search

01:26 13-06-2024

15.168.3.225 - Remote Desktop Connection

```
Ethernet adapter Ethernet 2:

Connection-specific DNS Suffix . : ap-northeast-3.compute.internal
Link-local IPv6 Address . . . . . : fe80::d41f:7425:982b:2eb%7
IPv4 Address . . . . . : 192.168.111.27
Subnet Mask . . . . . : 255.255.255.224
Default Gateway . . . . . : 192.168.111.1

C:\Users\Administrator>ping 15.168.3.225

Pinging 15.168.3.225 with 32 bytes of data:
Reply From 15.168.3.225: bytes=32 time<1ms TTL=127

Ping statistics for 15.168.3.225:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\Administrator>ping 192.168.111.27

Pinging 192.168.111.27 with 32 bytes of data:
Reply From 192.168.111.27: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.111.27:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\Administrator>
```

Public IPv4 address: 15.168.3.225
Instance size: t2.micro
Availability Zone: ap-northeast-3a
Architecture: AMD64
Total memory: 1024
Network: Low to Moderate

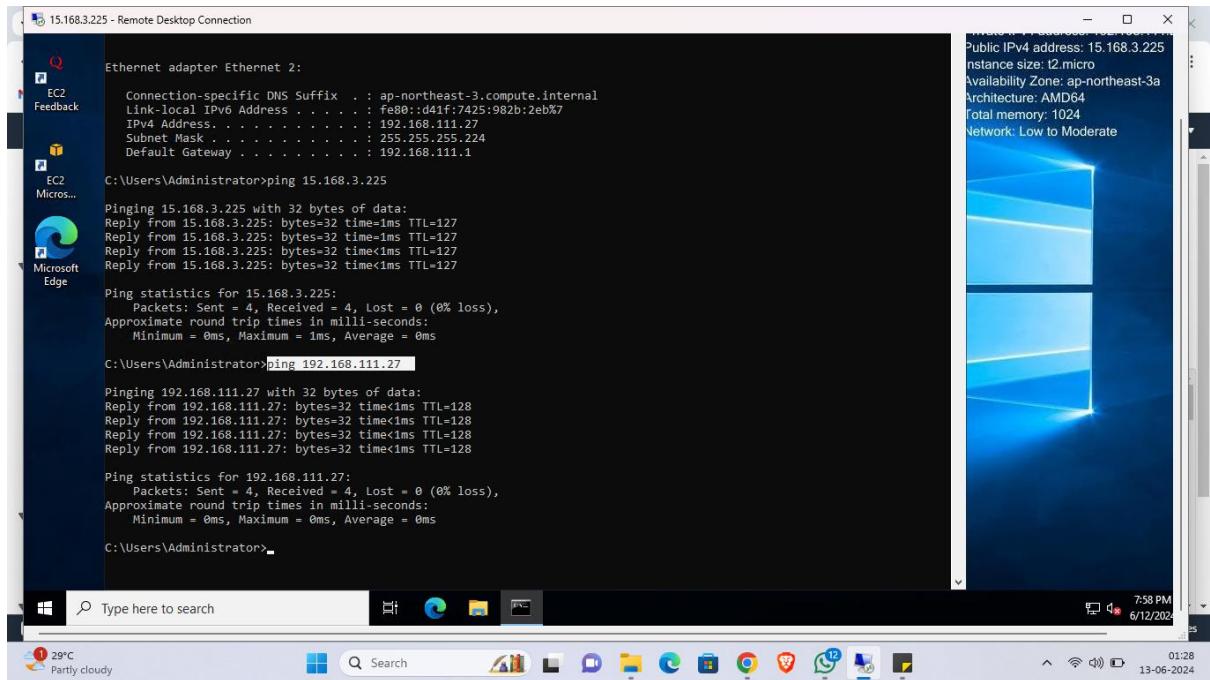
Type here to search

7:58 PM 6/12/2024

29°C Partly cloudy

Search

01:28 13-06-2024



Again Create 1 to 5 for create another Region

The screenshot shows the AWS Console Home page. On the right, there is a dropdown menu for selecting a region. The current region is listed as "ap-northeast-1 (Current Region)". Below it, a list of other regions is shown:

- US East (N. Virginia) us-east-1
- US East (Ohio) us-east-2
- US West (N. California) us-west-1
- US West (Oregon) us-west-2
- Asia Pacific (Mumbai) ap-south-1
- Asia Pacific (Osaka) ap-northeast-3
- Asia Pacific (Seoul) ap-northeast-2
- Asia Pacific (Singapore) ap-southeast-1
- Asia Pacific (Sydney) ap-southeast-2
- Asia Pacific (Tokyo) **ap-northeast-1**
- Canada (Central) ca-central-1
- Europe (Frankfurt) eu-central-1

At the bottom of the region list, there is a "Get started" button.

The screenshot shows the AWS VPC search results page. A search bar at the top contains the query "vpc". The results section is titled "Services" and lists several services:

- VPC (Isolated Cloud Resources)
- AWS Firewall Manager (Central management of firewall rules)
- Detective (Investigate and Analyze potential security issues)
- Managed Services (IT operations management for AWS)

Below the results, there is a "See all 12 results" link and a "Create application" button.

At the bottom of the page, there is a footer with the URL "https://ap-northeast-1.console.aws.amazon.com/vpc/home?region=ap-northeast-1", the year "© 2024, Amazon Web Services, Inc. or its affiliates.", and links for "Privacy", "Terms", and "Cookie preferences".

The screenshot shows two stacked windows of the AWS VPC Console.

Top Window: VPC Dashboard

- Left Sidebar:** EC2 Global View, Filter by VPC (Select a VPC dropdown), Virtual private cloud (Your VPCs, Subnets, Route tables, Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, Elastic IPs, Managed prefix lists).
- Right Content Area:** **Your VPCs (1) info** table. Last updated less than a minute ago. One row is shown:

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
-	vpc-0a67c0ae2c20b8356	Available	172.31.0.0/16	-

Bottom Window: Create VPC Wizard

- Header:** VPC > Your VPCs > Create VPC
- Section: VPC settings**
 - Resources to create:** VPC only, VPC and more
 - Name tag - optional:** Tokyo VPC
 - IPv4 CIDR block:** IPv4 CIDR manual input, IPAM-allocated IPv4 CIDR block
 - IPv4 CIDR:** 10.0.0.0/24

System Status Bar: © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences. Weather: 29°C Partly cloudy. Date: 13-06-2024. Time: 01:37.

Screenshot of the AWS VPC Console showing the creation of a new VPC named "Tokyo VPC".

Name tag - optional: Tokyo VPC

IPv4 CIDR block: 150.250.0.0/18

IPv6 CIDR block: No IPv6 CIDR block selected.

Tenancy: Default

VPC dashboard:

Details:

VPC ID	State	DNS hostnames	DNS resolution
vpc-0c30b8662a68453fc	Available	Disabled	Enabled
Tenancy	DHCP option set	Main route table	Main network ACL
Default	dopt-08a4a59e9adc4b4c0	rtb-0c86db09a61c8fa22	acl-09279a3e97dbf69d3
Default VPC	IPv4 CIDR	IPv6 pool	IPv6 CIDR (Network border group)
No	150.250.0.0/18	-	-
Network Address Usage metrics	Route 53 Resolver DNS Firewall rule groups	Owner ID	
Disabled	-	471112916582	

Actions: Actions dropdown menu is open.

Screenshot of the AWS VPC Console showing the creation of a new VPC named "Tokyo VPC".

Success Message:

You successfully created vpc-0c30b8662a68453fc / Tokyo VPC	
No	150.250.0.0/18
Network Address Usage metrics	Route 53 Resolver DNS Firewall rule groups
Disabled	-
Owner ID 471112916582	

Resource map:

- VPC Show details: Your AWS virtual network (Tokyo VPC)
- Subnets (0): Subnets within this VPC
- Route tables (1): Route network traffic to resources (rtb-0c86db09a61c8fa22)

Your VPCs (1/2) Info:

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
vpc-0a67c0ae2c20b8336	Available	172.31.0.0/16	-	-
Tokyo VPC	vpc-0c30b8662a68453fc	Available	150.250.0.0/18	-

Details:

VPC ID vpc-0c30b8662a68453fc	State Available	DNS hostnames Disabled	DNS resolution Enabled
---------------------------------	--------------------	---------------------------	---------------------------

Screenshot of the AWS VPC Subnets console showing three subnets listed:

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-0a21878c98a0dfb33	Available	vpc-0a67c0ae2c20b8336	172.31.0.0/16
-	subnet-07407732ea1d06b22	Available	vpc-0a67c0ae2c20b8336	172.31.32.0/16
-	subnet-0fc628af60d942da8	Available	vpc-0a67c0ae2c20b8336	172.31.16.0/16

The "Create subnet" button is highlighted.

Screenshot of the "CreateSubnet | VPC Console" page:

Create subnet

VPC

VPC ID:

Associated VPC CIDRs:

Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 1

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Screenshot of the AWS VPC Console showing the 'CreateSubnet' wizard.

Step 1: Subnet name

Subnet name: TokyoPublic1
Availability Zone: Asia Pacific (Tokyo) / ap-northeast-1a

Step 2: IPv4 VPC CIDR block

IPv4 VPC CIDR block: 150.250.0.0/18
IPv4 subnet CIDR block: 150.250.0.0/26 (64 IPs)

Step 3: Tags - optional

Key: Name, Value: TokyoPublic1

Step 4: Summary

IPv4 VPC CIDR block: 150.250.0.0/18
IPv4 subnet CIDR block: 150.250.0.0/26 (64 IPs)
Tags: Name: TokyoPublic1

Actions: Cancel, Create subnet

Screenshot of the AWS VPC Subnets console showing a list of existing subnets and a 'Create subnet' wizard.

Subnets (4) Info

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-0a21878c98a0dfb33	Available	vpc-0a67c0ae2c20b8336	172.31.0.0
-	subnet-07407732ea1d06b22	Available	vpc-0a67c0ae2c20b8336	172.31.32
-	subnet-0fc628af60d942da8	Available	vpc-0a67c0ae2c20b8336	172.31.16
TokyoPublic1	subnet-0c521d7a24a430565	Available	vpc-0c30b8662a68453fc Tokyo VPC	150.250.0.0/16

Select a subnet

Create subnet

VPC > **Subnets** > **Create subnet**

VPC ID: Create subnets in this VPC. **Associated VPC CIDRs:** IPv4 CIDRs: 150.250.0.0/18

Subnet settings: Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 1

Screenshot of the AWS VPC Create Subnet wizard, Step 1: Set Subnet Details.

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 VPC CIDR block [Info](#)
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.

IPv4 subnet CIDR block
 64 IPs
< > ^ v

Tags - optional

Key	Value - optional
<input type="text" value="Name"/> Name	<input type="text" value="TokyoPrivate1"/> TokyoPrivate1

[Add new tag](#)
You can add 49 more tags.
[Remove](#)

[Add new subnet](#)

[Cancel](#) [Create subnet](#)

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Screenshot of the AWS VPC Subnets console showing a successful subnet creation.

Subnets (5) Info

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-0a21878c98a0dfb33	Available	vpc-0a67c0ae2c20b8336	172.31.0.0
-	subnet-07407732ea1d06b22	Available	vpc-0a67c0ae2c20b8336	172.31.32
-	subnet-0fc628af60d942da8	Available	vpc-0a67c0ae2c20b8336	172.31.16
TokyoPublic1	subnet-0c521d7a24ad30565	Available	vpc-0c30b8662a68453fc Tokyo...	150.250.0
TokyoPrivate1	subnet-0df8de954e7336044	Available	vpc-0c30b8662a68453fc Tokyo...	150.250.0

Create subnet

VPC

VPC ID: Create subnets in this VPC.
vpc-0c30b8662a68453fc (Tokyo VPC)

Associated VPC CIDRs

IPv4 CIDRs: 150.250.0.0/18

Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 1

Screenshot of the AWS VPC Console showing the creation of a new subnet.

CreateSubnet | VPC Console

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 VPC CIDR block [Info](#)
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.

IPv4 subnet CIDR block
 64 IPs

Tags - optional

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subnets | VPC Console

You have successfully created 1 subnet: subnet-0117fb5a00aca35b1

Subnets (6) Info Last updated less than a minute ago

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-0a21878c98a0dfb33	Available	vpc-0a67c0ae2c20b8336	172.31.0.0
-	subnet-07407732ea1d06b22	Available	vpc-0a67c0ae2c20b8336	172.31.32
-	subnet-0fc628af60d942da8	Available	vpc-0a67c0ae2c20b8336	172.31.16
TokyoPublic1	subnet-0c521d7a24a430565	Available	vpc-0c30b8662a68453fc Tokyo...	150.250.0
TokyoPrivate1	subnet-0df8de954e7336044	Available	vpc-0c30b8662a68453fc Tokyo...	150.250.0
TokyoPublic2	subnet-0117fb5a00aca35b1	Available	vpc-0c30b8662a68453fc Tokyo...	150.250.0

Select a subnet

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The screenshot shows the 'Create subnet' wizard in the AWS VPC console. The first step, 'VPC', is selected. Under 'VPC ID', the dropdown shows 'vpc-0c30b8662a68453fc (Tokyo VPC)'. Under 'Associated VPC CIDRs', the dropdown shows 'IPv4 CIDRs' and '150.250.0.0/18'. The second step, 'Subnet settings', is shown below with the heading 'Specify the CIDR blocks and Availability Zone for the subnet.' A sub-step 'Subnet 1 of 1' is active. It shows fields for 'Subnet name' (set to 'TokyoPrivate2'), 'Availability Zone' (set to 'Asia Pacific (Tokyo) / ap-northeast-1d'), 'IPv4 VPC CIDR block' (set to '150.250.0.0/18'), and 'IPv4 subnet CIDR block' (set to '150.250.0.192/26'). A 'Tags - optional' section contains a single tag 'Name: TokyoPrivate2'. The AWS navigation bar at the top includes tabs for Instances, RouteTables, Home, and CreateSubnet.

VPC dashboard

Subnets (7) Info

You have successfully created 1 subnet: subnet-0c1ee79f66bab884

Last updated less than a minute ago

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-07407732ea1d06b22	Available	vpc-0a67c0ae2c20b8336	172.31.
-	subnet-0fc628af60d942da8	Available	vpc-0a67c0ae2c20b8336	172.31.
TokyoPublic1	subnet-0c521d7a24a430565	Available	vpc-0c30b8662a68453fc Tokyo	150.250
TokyoPrivate1	subnet-0df8de954e7336044	Available	vpc-0c30b8662a68453fc Tokyo	150.250
TokyoPublic2	subnet-0117fb5a00aca35b1	Available	vpc-0c30b8662a68453fc Tokyo	150.250
TokyoPrivate2	subnet-0c1ee79f66bab884	Available	vpc-0c30b8662a68453fc Tokyo	150.250

Select a subnet

VPC dashboard

Subnets (1/7) Info

You have successfully created 1 subnet: subnet-0c1ee79f66bab884

Last updated less than a minute ago

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-07407732ea1d06b22	Available	vpc-0a67c0ae2c20b8336	172.31.
-	subnet-0fc628af60d942da8	Available	vpc-0a67c0ae2c20b8336	172.31.
<input checked="" type="checkbox"/> TokyoPublic1	subnet-0c521d7a24a430565	Available	vpc-0c30b8662a68453fc	150.250
TokyoPrivate1	subnet-0df8de954e7336044	Available	vpc-0c30b8662a68453fc	150.250
TokyoPublic2	subnet-0117fb5a00aca35b1	Available	vpc-0c30b8662a68453fc	150.250
TokyoPrivate2	subnet-0c1ee79f66bab884	Available	vpc-0c30b8662a68453fc	150.250

Actions

- View details
- Create flow log
- Edit subnet settings
- Edit IPv6 CIDRs
- Edit network ACL association
- Edit route table association
- Edit CIDR reservations
- Share subnet
- Manage tags
- Delete subnet

subnet-0c521d7a24a430565 / TokyoPublic1

Details

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VPC dashboard

Subnets (1/7) Info

You have successfully created 1 subnet: subnet-0c1ee79f66bab884

Last updated less than a minute ago

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-07407732ea1d06b22	Available	vpc-0a67c0ae2c20b8336	172.31.
-	subnet-0fc628af60d942da8	Available	vpc-0a67c0ae2c20b8336	172.31.
<input checked="" type="checkbox"/> TokyoPublic1	subnet-0c521d7a24a430565	Available	vpc-0c30b8662a68453fc	150.250
TokyoPrivate1	subnet-0df8de954e7336044	Available	vpc-0c30b8662a68453fc	150.250
TokyoPublic2	subnet-0117fb5a00aca35b1	Available	vpc-0c30b8662a68453fc	150.250
TokyoPrivate2	subnet-0c1ee79f66bab884	Available	vpc-0c30b8662a68453fc	150.250

Actions

- View details
- Create flow log
- Edit subnet settings
- Edit IPv6 CIDRs
- Edit network ACL association
- Edit route table association
- Edit CIDR reservations
- Share subnet
- Manage tags
- Delete subnet

subnet-0c521d7a24a430565 / TokyoPublic1

Details

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Edit subnet settings

Subnet

Subnet ID: subnet-0c521d7a24a430565 Name: TokyoPublic1

Auto-assign IP settings Info
Enable AWS to automatically assign a public IPv4 or IPv6 address to a new primary network interface for an instance in this subnet.

Enable auto-assign public IPv4 address Info
 Enable auto-assign customer-owned IPv4 address Info
Option disabled because no customer owned pools found.

Resource-based name (RBN) settings Info
Specify the hostname type for EC2 instances in this subnet and optional RBN DNS query settings.

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Edit subnet settings

Subnet

Subnet ID: subnet-0c521d7a24a430565 Name: TokyoPublic1

Auto-assign IP settings Info
Enable AWS to automatically assign a public IPv4 or IPv6 address to a new primary network interface for an instance in this subnet.

Enable auto-assign public IPv4 address Info
 Enable auto-assign customer-owned IPv4 address Info
Option disabled because no customer owned pools found.

Resource-based name (RBN) settings Info
Specify the hostname type for EC2 instances in this subnet and optional RBN DNS query settings.

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Screenshot of the AWS VPC Management Console showing the configuration of subnet settings.

The top section shows the "EditSubnetSettings | VPC Console" page for a specific subnet. It includes sections for "Resource-based name (RBN) settings" and "DNS64 settings".

Resource-based name (RBN) settings:

- Enable auto-assign customer-owned IPv4 address (Info): Option disabled because no customer owned pools found.
- Enable resource name DNS A record on launch (Info)
- Enable resource name DNS AAAA record on launch (Info)
- Hostname type (Info): IP name (selected)

DNS64 settings:

- Enable DNS64 (Info)

Buttons: Cancel, Save

The bottom section shows the "Subnets | VPC Management Console" page, displaying a list of subnets.

Subnets (7) Info:

- You have successfully changed subnet settings:
 - Enable auto-assign public IPv4 address

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-07407732ea1d06b22	Available	vpc-0a67c0ae2c20b8336	172.31.
-	subnet-0fc628af60d942da8	Available	vpc-0a67c0ae2c20b8336	172.31.
TokyoPublic1	subnet-0c521d7a24a430565	Available	vpc-0c30b8662a68453fc Tokyo...	150.250
TokyoPrivate1	subnet-0df8de954e7336044	Available	vpc-0c30b8662a68453fc Tokyo...	150.250
TokyoPublic2	subnet-0117fb5a00aca35b1	Available	vpc-0c30b8662a68453fc Tokyo...	150.250
TokyoPrivate2	subnet-0c1ee79f66bbab884	Available	vpc-0c30b8662a68453fc Tokyo...	150.250

Buttons: Actions, Create subnet, Select a subnet

CloudShell, Feedback, Search, Services, Privacy, Terms, Cookie preferences, ENG US, 01:51, 13-06-2024

VPC dashboard

You have successfully changed subnet settings:

- Enable auto-assign public IPv4 address

Subnets (1/7) Info					
	Name	Subnet ID	State	VPC	Actions
<input type="checkbox"/>	-	subnet-07407732ea1d06b22	Available	vpc	View details Create flow log Edit subnet settings Edit IPv6 CIDRs Edit network ACL association Edit route table association Edit CIDR reservations Share subnet Manage tags Delete subnet
<input type="checkbox"/>	-	subnet-0fc628af60d942da8	Available	vpc	
<input type="checkbox"/>	TokyoPublic1	subnet-0c521d7a24a430565	Available	vpc	
<input type="checkbox"/>	TokyoPrivate1	subnet-0df8de954e7336044	Available	vpc	
<input checked="" type="checkbox"/>	TokyoPublic2	subnet-0117fb5a00aca35b1	Available	vpc	
<input type="checkbox"/>	TokyoPrivate2	subnet-0c1ee79f66bbab884	Available	vpc	

subnet-0117fb5a00aca35b1 / TokyoPublic2

[Details](#) [Flow logs](#) [Route table](#) [Network ACL](#) [CIDR reservations](#) [Sharing](#) [Tags](#)

Details

Edit subnet settings

Subnet

Subnet ID	Name
subnet-0117fb5a00aca35b1	TokyoPublic2

Auto-assign IP settings [Info](#)
Enable AWS to automatically assign a public IPv4 or IPv6 address to a new primary network interface for an instance in this subnet.

Enable auto-assign public IPv4 address [Info](#)
 Enable auto-assign customer-owned IPv4 address [Info](#)
Option disabled because no customer owned pools found.

Resource-based name (RBN) settings [Info](#)
Specify the hostname type for EC2 instances in this subnet and optional RBN DNS query settings.

Screenshot of the AWS VPC Management Console showing the configuration of a subnet.

The top section shows the "EditSubnetSettings | VPC Console" page for subnet-0117fb5a00aca35b1. It includes settings for RBN (Resource-based name) and DNS64.

RBN settings:

- Enable auto-assign customer-owned IPv4 address (Info): Option disabled because no customer owned pools found.
- Enable resource name DNS A record on launch (Info)
- Enable resource name DNS AAAA record on launch (Info)
- Hostname type (Info): IP name (selected)

DNS64 settings:

- Enable DNS64 (Info)

Save button is present at the bottom.

The bottom section shows the "Subnets | VPC Management Console" page, displaying a list of subnets.

Subnets (1/7) Info

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-0a21878c98a0dfb33	Available	vpc-0a67c0ae2c20b8336	172.31.
-	subnet-07407732ea1d06b22	Available	vpc-0a67c0ae2c20b8336	172.31.
-	subnet-0fc628af60d942da8	Available	vpc-0a67c0ae2c20b8336	172.31.
TokyoPublic1	subnet-0c521d7a24a430565	Available	vpc-0c30b8662a68453fc Tokyo...	150.250
TokyoPrivate1	subnet-0df8de954e7336044	Available	vpc-0c30b8662a68453fc Tokyo...	150.250
<input checked="" type="checkbox"/> TokyoPublic2	subnet-0117fb5a00aca35b1	Available	vpc-0c30b8662a68453fc Tokyo...	150.250

subnet-0117fb5a00aca35b1 / TokyoPublic2

Details tab is selected.

Success message: You have successfully changed subnet settings:
Enable auto-assign public IPv4 address

CloudShell and Feedback buttons are visible at the bottom.

Screenshot of the AWS VPC console showing the Route tables page and the Create route table wizard.

VPC dashboard

Route tables (1)

Name	Route table ID	Explicit subnet assoc...	Edge associations	Main	VP...
-	rtb-0761a957758d593d9	-	-	Yes	vp...

Select a route table

Create route table

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
<input type="text" value="Name"/>	<input type="text" value="Tokyo Public-RT"/>

Screenshot of the AWS VPC Console showing the creation of a new Route Table.

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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VPC dashboard

EC2 Global View Filter by VPC: Select a VPC

Virtual private cloud

- Your VPCs
- Subnets
- Route tables**
- Internet gateways
- Egress-only internet gateways
- Carrier gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists

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Route table rtb-0a6849d1cf520e6d7 | Tokyo Public-RT was created successfully.

VPC > Route tables > rtb-0a6849d1cf520e6d7

rtb-0a6849d1cf520e6d7 / Tokyo Public-RT

Actions

Details Info

Route table ID <input type="text" value="rtb-0a6849d1cf520e6d7"/>	Main <input checked="checked" type="checkbox"/>	No	Explicit subnet associations -	Edge associations -
VPC <input type="text" value="vpc-0c30b8662a68453fc Tokyo VPC"/>	Owner ID <input type="text" value="471112916582"/>			

Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Destination	Target	Status	Propagated
Both	Edit routes	< 1 >	Both

Filter routes

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Screenshot of the AWS VPC console showing the creation of a new route table.

Route tables (3) Info

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
-	rtb-0761a957758d593d9	-	-	Yes	vp
Tokyo Public-RT	rtb-0a6849d1cf520e6d7	-	-	No	vp
-	rtb-0c86db09a61c8fa22	-	-	Yes	vp

Select a route table

Create route table

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
<input type="text" value="Name"/>	<input type="text" value="Tokyo Private-RT"/> <input type="button" value="Remove"/>

Screenshot of the AWS VPC Console showing the creation of a new Route Table.

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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VPC dashboard

EC2 Global View

Virtual private cloud

- Your VPCs
- Subnets
- Route tables**
- Internet gateways
- Egress-only internet gateways
- Carrier gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists

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Route table rtb-0c802c9c0b01e2970 | Tokyo Private-RT was created successfully.

VPC > Route tables > rtb-0c802c9c0b01e2970

rtb-0c802c9c0b01e2970 / Tokyo Private-RT

Details

Route table ID <input type="text" value="rtb-0c802c9c0b01e2970"/>	Main <input checked="checked" type="checkbox"/>	No <input type="checkbox"/>	Explicit subnet associations -	Edge associations -
VPC <input type="text" value="vpc-0c30b8662a68453fc Tokyo VPC"/>	Owner ID <input type="text" value="471112916582"/>			

Routes Both

Destination	Target	Status	Propagated
1 route			

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Screenshot of the AWS VPC Route Tables console showing four route tables listed:

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
-	rtb-0761a95758d593d9	-	-	Yes	vp
Tokyo Public-RT	rtb-0a6849d1cf520e6d7	-	-	No	vp
-	rtb-0c86db09a61c8fa22	-	-	Yes	vp
Tokyo Private-RT	rtb-0c802c9c0b01e2970	-	-	No	vp

The "Tokyo Public-RT" route table is selected.

Details for the Tokyo Public-RT route table:

- Subnet associations tab is active.
- Explicit subnet associations (0): No subnets are associated.

CloudShell and Feedback buttons are visible at the bottom left.

Screenshot of the AWS VPC console showing the "Edit subnet associations" page for route table rtb-0a6849d1cf520e6d7.

Available subnets (2/4)

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input checked="" type="checkbox"/> TokyoPublic1	subnet-0c521d7a24a430565	150.250.0.0/26	-	Main (rtb-0c86db09a61c8fa22)
<input type="checkbox"/> TokyoPrivate1	subnet-0df8de954e7336044	150.250.0.64/26	-	Main (rtb-0c86db09a61c8fa22)
<input checked="" type="checkbox"/> TokyoPublic2	subnet-0117fb5a00aca35b1	150.250.0.128/26	-	Main (rtb-0c86db09a61c8fa22)
<input type="checkbox"/> TokyoPrivate2	subnet-0c1ee79f66bbab884	150.250.0.192/26	-	Main (rtb-0c86db09a61c8fa22)

Selected subnets

- subnet-0c521d7a24a430565 / TokyoPublic1
- subnet-0117fb5a00aca35b1 / TokyoPublic2

Actions: Cancel, Save associations

VPC dashboard

Route tables (4) Info

Name	Route table ID	Explicit subnet assoc...	Edge associations	Main	VP
-	rtb-0761a957758d593d9	-	-	Yes	vp
Tokyo Public-RT	rtb-0a6849d1cf520e6d7	2 subnets	-	No	vp
-	rtb-0c86db09a61c8fa22	-	-	Yes	vp
Tokyo Private-RT	rtb-0c802c9c0b01e2970	-	-	No	vp

Select a route table

Actions: CloudShell, Feedback

You have successfully updated subnet associations for rtb-0a6849d1cf520e6d7 / Tokyo Public-RT.

Name	Route table ID	Explicit subnet assoc...	Edge associations	Main	VPC
-	rtb-0761a957758d593d9	-	-	Yes	vp
Tokyo Public-RT	rtb-0a6849d1cf520e6d7	2 subnets	-	No	vp
-	rtb-0c86db09a61c8fa22	-	-	Yes	vp
Tokyo Private-RT	rtb-0c802c9c0b01e2970	-	-	No	vp

rtb-0c802c9c0b01e2970 / Tokyo Private-RT

- Details
- Routes
- Subnet associations**
- Edge associations
- Route propagation
- Tags

Explicit subnet associations (0)

Edit subnet associations

Available subnets (4)

Edit subnet associations

Change which subnets are associated with this route table.

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
TokyoPublic1	subnet-0c521d7a24a430565	150.250.0.0/26	-	rtb-0a6849d1cf520e6d7 / Tokyo Pu
TokyoPrivate1	subnet-0df8de954e7336044	150.250.0.64/26	-	Main (rtb-0c86db09a61c8fa22)
TokyoPublic2	subnet-0117fb5a0aca35b1	150.250.0.128/26	-	rtb-0a6849d1cf520e6d7 / Tokyo Pu
TokyoPrivate2	subnet-0c1ee79f66bbab884	150.250.0.192/26	-	Main (rtb-0c86db09a61c8fa22)

Save associations

Screenshot of the AWS VPC Console showing the process of editing subnet associations for a specific route table.

Top Navigation: Instances | EC2 | ap-northeast-3 | RouteTables | VPC Console | Home | EC2 | ap-northeast-1 | EditRouteTableSubnetAssociations:RouteTableId=rtb-0c802c9c... | Gmail | YouTube | Maps

Edit subnet associations:

Change which subnets are associated with this route table.

Available subnets (2/4):

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
TokyoPublic1	subnet-0c521d7a24a430565	150.250.0.0/26	-	rtb-0a6849d1cf520e6d7 / Tokyo
<input checked="" type="checkbox"/> TokyoPrivate1	subnet-0df8de954e7336044	150.250.0.64/26	-	Main (rtb-0c86db09a61c8fa22)
TokyoPublic2	subnet-0117fb5a0aca35b1	150.250.0.128/26	-	rtb-0a6849d1cf520e6d7 / Tokyo
<input checked="" type="checkbox"/> TokyoPrivate2	subnet-01ee79f66bbab884	150.250.0.192/26	-	Main (rtb-0c86db09a61c8fa22)

Selected subnets:

- subnet-0df8de954e7336044 / TokyoPrivate1
- subnet-01ee79f66bbab884 / TokyoPrivate2

VPC dashboard:

You have successfully updated subnet associations for rtb-0c802c9c0b01e2970 / Tokyo Private-RT.

Route tables (1/4) Info:

Name	Route table ID	Explicit subnet assoc...	Main	VP
-	rtb-0761a957758d593d9	-	Yes	vp
Tokyo Public-RT	rtb-0a6849d1cf520e6d7	2 subnets	No	vp
-	rtb-0c86db09a61c8fa22	-	Yes	vp
<input checked="" type="checkbox"/> Tokyo Private-RT	rtb-0c802c9c0b01e2970	2 subnets	No	vp

rtb-0c802c9c0b01e2970 / Tokyo Private-RT:

- Details
- Routes
- Subnet associations
- Edge associations
- Route propagation
- Tags

Bottom Navigation: CloudShell | Feedback | 29°C Partly cloudy | Search | © 2024, Amazon Web Services, Inc. or its affiliates. | Privacy | Terms | Cookie preferences | ENG US | 01:55 | 13-06-2024

The screenshot shows the AWS VPC console interface. At the top, there are four tabs: Instances | EC2 | ap-northeast-3, RouteTables | VPC Console, Home | EC2 | ap-northeast-1, and igws | VPC Console. The igws tab is active.

The main area displays the "Internet gateways (1) Info" section. A table lists one internet gateway:

Name	Internet gateway ID	State	VPC ID
-	igw-02e1d37e80b69dc04	Attached	vpc-0a67c0ae2c20b8336

Below the table, a message says "Select an internet gateway above".

On the left sidebar, under "Virtual private cloud", the "Internet gateways" option is selected. Other options include Egress-only internet gateways, Carrier gateways, DHCP option sets, Elastic IPs, and Managed prefix lists.

At the bottom, the browser address bar shows the URL: ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#igws.

The second part of the screenshot shows the "Create internet gateway" wizard. The title is "Create internet gateway" with an "Info" link. It says: "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." A "Name tag" input field contains "my-internet-gateway".

The "Tags - optional" section indicates "No tags associated with the resource." and has a "Add new tag" button. It also states "You can add 50 more tags."

The browser address bar shows the URL: ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#CreateInternetGateway.

The bottom status bar shows the date and time: 13-06-2024 01:56, and the AWS region: ENG US.

Screenshot of the AWS VPC Console showing the creation of an Internet Gateway.

Create internet gateway

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.

VPC dashboard

The following internet gateway was created: igw-0584a89fb5ccc1a64 - Tokyo Internet Gateway. You can now attach to a VPC to enable the VPC to communicate with the internet.

igw-0584a89fb5ccc1a64 / Tokyo Internet Gateway

Details

Internet gateway ID <input type="text" value="igw-0584a89fb5ccc1a64"/>	State <input type="button" value="Detached"/>	VPC ID <input type="text" value="-"/>	Owner <input type="text" value="471112916582"/>
---	--	--	--

Tags

Key	Value
Name	Tokyo Internet Gateway

CloudShell **Feedback**

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ENG US 01:57 13-06-2024

Screenshot of the AWS VPC console showing the Internet gateways list and the Attach to VPC dialog.

Internet gateways (1/2) - Tokyo Internet Gateway

Name	Internet gateway ID	State
igw-02e1d37e80b69dc04	Attached	
Tokyo Internet Gateway	igw-0584a89fb5ccc1a64	Detached

Attach to VPC (igw-0584a89fb5ccc1a64)

VPC

Available VPCs

Select a VPC

vpc-0c30b8662a68453fc - Tokyo VPC

AWS Command Line Interface command

Cancel Attach internet gateway

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Screenshot of the AWS VPC Attach Internet Gateway process:

The screenshot shows the "Attach to VPC" step for an Internet Gateway (igw-0584a89fb5ccc1a64). A search bar at the top contains the VPC ID "vpc-0c30b8662a68453fc". The "Attach internet gateway" button is highlighted in orange.

Below the search bar, the "Available VPCs" section lists the selected VPC: "vpc-0c30b8662a68453fc".

At the bottom right of the main window are the "Cancel" and "Attach internet gateway" buttons.

At the very bottom of the screen, the AWS CloudShell interface is visible, showing the status "CloudShell Feedback" and the date "13-06-2024".

Screenshot of the AWS VPC console showing the Internet Gateways and Route Tables sections.

Internet Gateways (1/2) Info

Name	Internet gateway ID	State	VPC ID
igw-02e1d37e80b69dc04	Attached	vpc-0a67c0ae2c20b8336	
Tokyo Internet Gateway	igw-0584a89fb5ccc1a64	Attached	vpc-0c30b8662a68453fc Tokyo VPC

igw-0584a89fb5ccc1a64 / Tokyo Internet Gateway

Details

Internet gateway ID igw-0584a89fb5ccc1a64	State Attached	VPC ID vpc-0c30b8662a68453fc Tokyo VPC	Owner 471112916582
--	-------------------	---	-----------------------

Route tables (1/4) Info

Name	Route table ID	Explicit subnet assoc...	Edge associations	Main	VPC
-	rtb-0761a957758d593d9	-	-	Yes	vp
Tokyo Public-RT	rtb-0a6849d1cf520e6d7	2 subnets	-	No	vp
-	rtb-0c86db09a61c8fa22	-	-	Yes	vp
Tokyo Private-RT	rtb-0c802c9c0b01e2970	2 subnets	-	No	vp

rtb-0a6849d1cf520e6d7 / Tokyo Public-RT

Routes (1)

Destination	Target	Status	Propagated
Both	Edit routes	< 1 >	

Screenshot of the AWS VPC Edit Routes interface showing a single route entry:

Destination	Target	Status	Propagated
150.250.0.0/18	local	Active	No

Buttons at the bottom: Add route, Cancel, Preview, Save changes.

Screenshot of the AWS VPC Edit Routes interface showing multiple route entries:

Destination	Target	Status	Propagated
150.250.0.0/18	local	Active	No
0.0.0.0/0		-	No
0.0.0.0/8		-	
0.0.0.0/16		-	
0.0.0.0/24		-	
0.0.0.0/32		-	
::/0		-	
.../16		-	

Buttons at the bottom: Remove, Cancel, Preview, Save changes.

Screenshot of the AWS VPC Edit Routes console showing a route entry for 150.250.0.0/18 pointing to a local target. The target dropdown is open, showing options like local, Gateway Load Balancer Endpoint, Instance, Internet Gateway, and others.

Destination	Target	Status	Propagated
150.250.0.0/18	local	Active	No
0.0.0.0/0	Gateway Load Balancer Endpoint	-	No
Add route	Instance	-	-
	Internet Gateway	-	-
	local	-	-
	NAT Gateway	-	-
	Network Interface	-	-
	Outpost Local Gateway	-	-

Buttons: Remove, Preview, Save changes.

Screenshot of the AWS VPC Edit Routes console showing a route entry for 150.250.0.0/18 pointing to a local target. The target dropdown is open, showing options like local, Internet Gateway, and others. A search bar at the bottom of the dropdown shows "igw-".

Destination	Target	Status	Propagated
150.250.0.0/18	local	Active	No
0.0.0.0/0	Internet Gateway	-	No
Add route	igw-	-	-
	igw-0584a89fb5ccc1a64 (Tokyo Internet Gateway)	-	-

Buttons: Cancel, Preview, Save changes.

Screenshot of the AWS VPC Edit Routes console page. The URL is ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#EditRoutes:RouteTableId=rtb-0a6849d1cf520e6d7.

The page shows a table of routes:

Destination	Target	Status	Propagated
150.250.0.0/18	local	Active	No
0.0.0.0/0	Internet Gateway	-	No

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

Screenshot of the AWS VPC Route Table Details page. The URL is ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#RouteTableDetails:RouteTableId=rtb-0a6849d1cf520e6d7.

A green notification bar says: "Updated routes for rtb-0a6849d1cf520e6d7 / Tokyo Public-RT successfully".

The page displays the details of the route table:

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-0a6849d1cf520e6d7	No	2 subnets	-
VPC	Owner ID		
vpc-0c30b8662a68453fc Tokyo	471112916582		

Below are tabs for "Routes", "Subnet associations", "Edge associations", "Route propagation", and "Tags". A "Routes (2)" section shows the existing routes.

Screenshot of the AWS VPC Console showing the RouteTables page.

The URL in the browser is: ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#RouteTables

VPC dashboard

- EC2 Global View
- Filter by VPC: Select a VPC
- Virtual private cloud
 - Your VPCs
 - Subnets
 - Route tables**
 - Internet gateways
 - Egress-only internet gateways
 - Carrier gateways
 - DHCP option sets
 - Elastic IPs
 - Managed prefix lists

RouteTables (1/4) Info

Last updated less than a minute ago

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VP
-	rtb-0761a957758d593d9	-	-	Yes	VP
Tokyo Public-RT	rtb-0a6849d1cf520e6d7	2 subnets	-	No	VP
-	rtb-0c86db09a61c8fa22	-	-	Yes	VP
Tokyo Private-RT	rtb-0c802c9c0b01e2970	2 subnets	-	No	VP

Routes (2)

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0584a89fb5ccc1a64	Active	No
150.250.0.0/18	local	Active	No

The screenshot shows the AWS EC2 Instances dashboard for the Asia Pacific (Tokyo) Region. The left sidebar navigation includes: EC2 Dashboard, EC2 Global View, Events, Instances (with sub-options: Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations), Images (AMIs, AMI Catalog), and Elastic Block Store. The main content area displays the following statistics:

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

Below these stats is a "Launch instance" button and a "Service health" section with a link to the AWS Health Dashboard.

The right side of the screen lists available AWS Regions:

Region Name	Region Code
US East (N. Virginia)	us-east-1
US East (Ohio)	us-east-2
US West (N. California)	us-west-1
US West (Oregon)	us-west-2
Asia Pacific (Mumbai)	ap-south-1
Asia Pacific (Osaka)	ap-northeast-3
Asia Pacific (Seoul)	ap-northeast-2
Asia Pacific (Singapore)	ap-southeast-1
Asia Pacific (Sydney)	ap-southeast-2
Asia Pacific (Tokyo)	ap-northeast-1
Canada (Central)	ca-central-1
Europe (Frankfurt)	eu-central-1

At the bottom of the dashboard, there are links for Privacy, Terms, and Cookie preferences, along with system status indicators (temperature, battery, signal strength, time).

The screenshots illustrate the process of launching an EC2 instance on the AWS console.

Step 1: Name and tags

Name: Windows Tokyo 2022

Step 2: Application and OS Images (Amazon Machine Image)

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

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

Step 3: Summary

Number of instances: 1

Software Image (AMI): Amazon Linux 2023.4.2...read more
ami-0f9fe1d9214628295

Virtual server type (instance type): t2.micro

Firewall (security group): New security group

Storage (volumes): 1 volume(s) - 8 GiB

Launch instance button

Step 4: Quick Start (Alternative View)

Quick Start categories: Amazon Linux, macOS, Ubuntu, Windows, Red Hat, SUSE Linux

Amazon Machine Image (AMI): Microsoft Windows Server 2022 Base

AMI ID: ami-01a8ef944f58a13cd (64-bit (x86))
Virtualization: hvm ENA enabled: true Root device type: ebs

Description: Microsoft Windows Server 2022 Full Locale English AMI provided by Amazon

Architecture: 64-bit (x86) AMI ID: ami-01a8ef944f58a13cd Verified provider

Step 5: Summary (Alternative View)

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2022 ...read more
ami-01a8ef944f58a13cd

Virtual server type (instance type): t2.micro

Firewall (security group): New security group

Storage (volumes): 1 volume(s) - 30 GiB

Launch instance button

The screenshot shows the AWS EC2 Instances launch wizard. In the left sidebar, the 'Instance type' section is expanded, showing two options: 't2.micro' and 't2.nano'. Both are labeled as 'Free tier eligible'. The 't2.micro' section contains detailed pricing information for various operating systems. A search bar is present at the bottom of this section. To the right, the 'Summary' panel shows the selected instance type as 't2.micro', the software image as 'Microsoft Windows Server 2022', and storage as '1 volume(s) - 30 GiB'. A large orange 'Launch instance' button is prominently displayed.

Instance type [Info](#) | [Get advice](#)

Instance type

t2.micro Family: t2 1 vCPU 1 GiB Memory Current generation: true On-Demand Windows base pricing: 0.0198 USD per Hour On-Demand SUSE base pricing: 0.0152 USD per Hour On-Demand RHEL base pricing: 0.0752 USD per Hour On-Demand Linux base pricing: 0.0152 USD per Hour

t2.nano Family: t2 1 vCPU 0.5 GiB Memory Current generation: true On-Demand Windows base pricing: 0.0099 USD per Hour On-Demand SUSE base pricing: 0.0076 USD per Hour On-Demand Linux base pricing: 0.0076 USD per Hour

Get advice on instance type selection...

t2.micro Family: t2 1 vCPU 1 GiB Memory Current generation: true On-Demand Windows base pricing: 0.0198 USD per Hour On-Demand SUSE base pricing: 0.0152 USD per Hour

Select

All generations [Compare instance types](#)

Free tier eligible

Get advice on instance type selection...

Summary

Number of instances [Info](#)

1

Software Image (AMI)

Microsoft Windows Server 2022 ...read more
ami-01a8ef944f58a13cd

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 GiB

Cancel **Launch instance** Review commands

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The screenshot shows the AWS EC2 Instances launch wizard. The 'Key pair (login)' section is expanded, showing a dropdown menu for selecting a key pair. The dropdown is open, showing the option 'Select'. Below the dropdown, there is a note about using a key pair for Windows instances. To the right, the 'Summary' panel shows the selected instance type as 't2.micro', the software image as 'Microsoft Windows Server 2022', and storage as '1 volume(s) - 30 GiB'. A large orange 'Launch instance' button is prominently displayed.

Key pair (login) [Info](#)

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

Key pair name - required

Select [Create new key pair](#)

For Windows instances, you use a key pair to decrypt the administrator password. You then use the decrypted password to connect to your instance.

Network settings [Info](#)

Network [Info](#)
vpc-0a67c0ae2c20b8336

Subnet [Info](#)
No preference (Default subnet in any availability zone)

Summary

Number of instances [Info](#)

1

Software Image (AMI)

Microsoft Windows Server 2022 ...read more
ami-01a8ef944f58a13cd

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 GiB

Cancel **Launch instance** Review commands

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Create key pair

Key pair name
Key pairs allow you to connect to your instance securely.
 The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type
 RSA RSA encrypted private and public key pair
 ED25519 ED25519 encrypted private and public key pair (Not supported for Windows instances)

Private key file format
 .pem For use with OpenSSH
 .ppk For use with PuTTY

Summary

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2022 ...read more
ami-01a8ef944f58a13cd

Virtual server type (instance type): t2.micro

Firewall (security group): New security group

Storage (volumes): 1 volume(s) - 30 GiB

Launch instance

Review commands

The screenshot shows the AWS EC2 Launch Wizard interface. On the left, under 'Network settings', the 'Subnet' dropdown is set to 'No preference (Default subnet in any availability zone)'. Below it, 'Auto-assign public IP' is enabled. A note about additional charges applies when outside of free tier allowance. Under 'Firewall (security groups)', there are two options: 'Create security group' (selected) and 'Select existing security group'. A note says we'll create a new security group called 'launch-wizard-1' with the following rules: 'Allow RDP traffic from Anywhere' (IP range 0.0.0.0/0). On the right, the 'Summary' section shows 1 instance being launched. The software image is Microsoft Windows Server 2022, instance type is t2.micro, and storage is 1 volume(s) - 30 GiB. At the bottom right are 'Cancel' and 'Launch instance' buttons.

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2022 ...read more
ami-01a8ef944f58a13cd

Virtual server type (instance type): t2.micro

Firewall (security group): New security group

Storage (volumes): 1 volume(s) - 30 GiB

Launch instance

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This screenshot shows the continuation of the EC2 Launch Wizard. In the 'Network settings' section, the 'VPC - required' dropdown is open, showing three options: 'default' (selected), 'vpc-0a67c0ae2c20b8336' (172.31.0.0/16), and 'vpc-0c30b8662a68453fc (Tokyo VPC)' (150.250.0.0/18). The 'Create new subnet' button is visible. The rest of the interface is identical to the first screenshot, showing the summary and launch buttons.

VPC - required: default (selected)

vpc-0a67c0ae2c20b8336 (172.31.0.0/16)

vpc-0c30b8662a68453fc (Tokyo VPC) (150.250.0.0/18)

Create new subnet

Additional charges apply when outside of free tier allowance

Firewall (security groups): Create security group

Security group name - required: launch-wizard-1

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2022 ...read more
ami-01a8ef944f58a13cd

Virtual server type (instance type): t2.micro

Firewall (security group): New security group

Storage (volumes): 1 volume(s) - 30 GiB

Launch instance

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Screenshot of the AWS CloudShell interface showing the creation of a new EC2 instance.

The top navigation bar includes tabs for Instances | EC2 | ap-northeast-3, RouteTables | VPC Console, Launch an instance | EC2, and RouteTables | VPC Console.

The main content area shows the "Network settings" configuration:

- VPC - required: **vpc-0c30b8662a68453fc** (Tokyo VPC) 150.250.0.0/18
- Subnet: **subnet-0117fb5a0aca35b1** TokyoPublic2 (VPC: vpc-0c30b8662a68453fc, Owner: 471112916582, Availability Zone: ap-northeast-1d, IP addresses available: 59, CIDR: 150.250.0.128/26)
- Auto-assign public IP: **Enable**
- Firewall (security groups): **Create security group** (selected)
- Security group name - required: **new security group**

The right sidebar displays the "Summary" of the instance configuration:

- Number of instances: **1**
- Software Image (AMI): Microsoft Windows Server 2022 ...read more ami-01a8ef944f58a13cd
- Virtual server type (instance type): t2.micro
- Firewall (security group): New security group
- Storage (volumes): 1 volume(s) - 30 GiB

At the bottom, there are "Cancel", "Launch instance" (highlighted in orange), and "Review commands" buttons.

The bottom status bar shows CloudShell, Feedback, 29°C Partly cloudy, Search, and various system icons.

Screenshot of the AWS EC2 Instances launch wizard, Step 3: Configure Instance Details.

Inbound Security Group Rules:

- Security group rule 1 (TCP, 3389, 0.0.0.0/0):**
 - Type: rdp
 - Protocol: TCP
 - Port range: 3389
 - Source type: Anywhere
 - Description: e.g. SSH for admin desktop
- Security group rule 2 (All, All, 0.0.0.0/0):**
 - Protocol: All
 - Port range: All
 - Source type: Anywhere
 - Description: e.g. SSH for admin desktop

Summary:

- Number of instances: 1
- Software Image (AMI): Microsoft Windows Server 2022 ...read more ami-01a8ef944f58a13cd
- Virtual server type (instance type): t2.micro
- Firewall (security group): New security group
- Storage (volumes): 1 volume(s) - 30 GiB

Actions:

- Cancel
- Launch instance
- Review commands

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The screenshot shows the AWS EC2 Instances launch wizard. In the top navigation bar, there are tabs for Instances | EC2 | ap-northeast-3, RouteTables | VPC Console, Launch an instance | EC2, and RouteTables | VPC Console. The main content area is titled "Launch an instance | EC2 | ap-northeast-3". The "Security group rule 2 (All, All, 0.0.0.0/0)" section is expanded, showing "Type: All traffic", "Protocol: All", "Port range: All", "Source type: Anywhere", and "Description - optional: e.g. SSH for admin desktop". A warning message states: "⚠️ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only." Below this is a button "Add security group rule". To the right, the "Summary" panel shows "Number of instances: 1", "Software Image (AMI): Microsoft Windows Server 2022", "Virtual server type (instance type): t2.micro", "Firewall (security group): New security group", and "Storage (volumes): 1 volume(s) - 30 GiB". At the bottom are "Cancel" and "Launch instance" buttons.

The screenshot shows the "Creating security group rules" step of the launch wizard. The progress bar is at 21%. The text "Please wait while we launch your instance." and "Do not close your browser while this is loading." is displayed.

The screenshot shows the final step of the launch wizard, which is "Launching instance". The progress bar is at 100%.

Screenshot of the AWS EC2 Instances launch process and subsequent dashboard.

The browser tabs show:

- Instances | EC2 | ap-northeast-3
- RouteTables | VPC Console
- Launch an instance | EC2 | ap-northeast-3
- RouteTables | VPC Console

The main content area shows a green success message: "Successfully initiated launch of instance (i-0ac7d4a9a0518a863)". Below it is a "Launch log" link.

The "Next Steps" section contains a search bar and numbered links:

- 1 Create billing and free tier usage alerts
- 2 Connect to your instance
- 3 Connect an RDS database
- 4 Create EBS snapshot policy

Each step has a detailed description and a "Create [service] database" button.

The bottom section shows a grid of additional services:

Create billing and free tier usage alerts	Connect to your instance	Connect an RDS database	Create EBS snapshot policy
To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.	Once your instance is running, log into it from your local computer. Connect to instance	Configure the connection between an EC2 instance and a database to allow traffic flow between them. Connect an RDS database	Create a policy that automates the creation, retention, and deletion of EBS snapshots. Create EBS snapshot policy
Create billing alerts	Learn more	Create a new RDS database Learn more	Create EBS snapshot policy
Manage detailed monitoring	Create Load Balancer	Create AWS budget	Manage CloudWatch alarms
Enable or disable detailed monitoring for the instance. If you enable detailed monitoring, the Amazon EC2 console displays monitoring graphs with a 1-minute period. Manage detailed monitoring	Create a application, network gateway or classic Elastic Load Balancer Create Load Balancer	AWS Budgets allows you to create budgets, forecast spend, and take action on your costs and usage from a single location. Create AWS budget	Create or update Amazon CloudWatch alarms for the instance. Manage CloudWatch alarms

[View all instances](#)

The browser status bar shows:

- CloudShell Feedback
- CloudShell 29°C Partly cloudy
- Search
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- Privacy Terms Cookie preferences
- ENG US 02:02 13-06-2024

The screenshot shows the AWS EC2 Instances page. The browser tab bar includes 'Instances | EC2 | ap-northeast-3', 'RouteTables | VPC Console', 'EC2 | ap-northeast-1', and 'RouteTables | VPC Console'. The address bar shows the URL: 'ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#Instances:'. The AWS logo and 'Services' button are at the top left. The main content area has a dark header with 'Instances (1) Info' and a search bar. A table lists one instance: 'Windows Toky...', Instance ID 'i-0ac7d4a9a0518a863', State 'Running', Type 't2.micro', Status 'Initializing', and Availability Zone 'ap-northeast-1d'. Below the table is a modal window titled 'Select an instance' with a close button 'X'. The left sidebar contains navigation links for EC2 Dashboard, EC2 Global View, Events, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images (AMIs, AMI Catalog), and Elastic Block Store (CloudShell, Feedback). The bottom right corner shows system status: 29°C, Partly cloudy, ENG US, 02:03, and the date 13-06-2024.

Peering Connection Same Account

The screenshot shows the AWS EC2 Instances page. The left sidebar is collapsed. The main content area displays a table of instances. One instance is listed:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Windows Tokyo...	i-0ac7d4a9a0518a863	Running	t2.micro	2/2 checks passed	View alarms +	ap-northeast-1d

Below the table, the instance details for "i-0ac7d4a9a0518a863 (Windows Tokyo 2022)" are shown. The "Details" tab is selected. Key information includes:

- Instance ID: i-0ac7d4a9a0518a863 (Windows Tokyo 2022)
- Public IPv4 address: 3.113.248.15 | [open address](#)
- Private IP4 addresses: 150.250.0.136
- IPv6 address: -
- Instance state: Running
- Public IPv4 DNS: -

The right sidebar shows account information: Account ID: 4711-1291-6582. Other options in the sidebar include Account, Organization, Service Quotas, Billing and Cost Management, and Security credentials. A "Sign out" button is at the bottom right of the sidebar.

The screenshot shows two windows from the AWS VPC Peering Connections console.

Top Window: The "Peering connections" page. The sidebar shows "Virtual private cloud" and "Peering connections" selected. The main area displays a table with one row: "No peering connection found". A message below says "Select a peering connection above".

Bottom Window: The "Create peering connection" wizard. The title is "Create peering connection". It has three tabs: "Info" (selected), "Requester VPC", and "Accepter VPC".

Info Tab:

- Peering connection settings:**
- Name - optional:** my-pc-01
- Select a local VPC to peer with:** VPC ID (Requester) dropdown: Select a VPC
- Select another VPC to peer with:** Account dropdown: Select an account

The status bar at the bottom of both windows indicates the date and time: 13-06-2024, 02:05.

Screenshot of the AWS VPC Peering Connection creation interface.

The top navigation bar shows tabs for Instances | EC2 | ap-northeast-3, RouteTables | VPC Console, EC2 | ap-northeast-1, and CreatePeeringConnection | VPC. The URL in the address bar is ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#CreatePeeringConnection.

The main content area displays the "Create peering connection" page under the "VPC > Peering connections > Create peering connection" path.

Peering connection settings

Name - *optional*: Tokyo to ping Osaka

Select a local VPC to peer with:

VPC ID (Requester): Select a VPC

Select another VPC to peer with:

Account: My account (radio button selected)

VPC CIDRs for vpc-0c30b8662a68453fc (Tokyo VPC):

CIDR	Status	Status reason
150.250.0.0/18	Associated	-

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The second instance of the interface shows the same configuration, but the "Select another VPC to peer with" section is expanded, showing the "Account" dropdown set to "My account".

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Screenshot of the AWS VPC Peering Connection creation interface:

Select another VPC to peer with

Account
 My account
 Another account

Region
 This Region (ap-northeast-1)
 Another Region
Asia Pacific (Osaka) (ap-northeast-3)

VPC ID (Acceptor)
VPC ID

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 Tokyo to ping Osaka Remove Add new tag

VPC dashboard

Your VPCs (2) Info

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
-	vpc-052b7fb3fd41f4d8f	Available	172.31.0.0/16	-
Osaka-VPC	vpc-034daae0d1aecda88	Available	192.168.111.0/24	-

Select a VPC above

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Screenshot of the AWS VPC console showing the VPC dashboard:

VPC dashboard

Your VPCs (2) Info

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
-	vpc-052b7fb3fd41f4d8f	Available	172.31.0.0/16	-
Osaka-VPC	vpc-034daae0d1aecda88	Available	192.168.111.0/24	-

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Screenshot of the AWS VPC Console showing the creation of a peering connection between two VPCs.

VPC dashboard

Your VPCs (1/2) Info

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
vpc-052b7fb3fd41f4d8f	Available	172.31.0.0/16	-	-
Osaka-VPC	vpc-034daae0d1aecda88	Available	192.168.111.0/24	-

vpc-034daae0d1aecda88 / Osaka-VPC

Details | Resource map | CDRs | Flow logs | Tags | Integrations

Copied	State Available	DNS hostnames Disabled	DNS resolution Enabled
Tenancy Default	DHCP option set dopt-04d7221915c72ca92	Main route table rtb-0bf0c0f9eb25e8260	Main network ACL acl-06b2c706c1460db14

CreatePeeringConnection

Region

- This Region (ap-northeast-1)
- Another Region**

Asia Pacific (Osaka) (ap-northeast-3)

VPC ID (Acceptor)

vpc-034daae0d1aecda88

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	Tokyo to ping Osaka

Add new tag

You can add 49 more tags.

Cancel | **Create peering connection**

A screenshot of the AWS VPC Peering Connection Details page. A green banner at the top states: "A VPC peering connection pcx-0a36e18b50646fb61 / Tokyo to ping Osaka has been requested. Remember to change your region to ap-northeast-3 to accept the peering connection." Below the banner, the peering connection is identified as "pcx-0a36e18b50646fb61 / Tokyo to ping Osaka".

The "Details" tab is selected, showing the following information:

Requester owner ID	Acceptor owner ID	VPC Peering connection ARN
471112916582	471112916582	arn:aws:ec2:ap-northeast-1:471112916582:vpc-peering-connection/pcx-0a36e18b50646fb61
Peering connection ID	Requester VPC	Acceptor VPC
pcx-0a36e18b50646fb61	vpc-0c30b8662a68453fc / Tokyo VPC	vpc-034daae0d1aecda88
Status	Requester CIDs	Acceptor CIDs
Initiating Request to 471112916582	150.250.0.0/18	-
Expiration time	Requester Region	Acceptor Region
Thursday, June 20, 2024 at 02:09:11 GMT+5:30	Tokyo (ap-northeast-1)	Osaka (ap-northeast-3)

Below the details, there is a "DNS" tab selected, showing "DNS settings" for the requester VPC (vpc-0c30b8662a68453fc / Tokyo VPC). The "Info" section indicates that "Allow accepter VPC to resolve DNS of hosts in requester VPC to private IP addresses" is disabled.

The browser status bar shows the URL: ap-northeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-1#PeeringConnectionDetails?vpcPeeringConnectionId=pcx-0a36e...

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

The screenshot displays two identical views of the AWS VPC Peering Connections console, one above the other. Both views show a single peering connection entry in the list:

Name	Peering connection ID	Status	Requester VPC	Accepted VPC
-	pcx-0a36e18b50646fb61	Pending acceptance	vpc-0c30b8662a68453fc	vpc-034

The "Actions" menu for this entry is open, showing the following options:

- Accept request
- Reject request
- Edit DNS settings
- Manage tags
- Delete peering connection

A tooltip for the "Pending acceptance" status indicates: "You can accept or reject this peering connection request using the 'Actions' menu. You have until Thursday, June 20, 2024 at 02:09:11 GMT+5:30 to accept or reject the request, otherwise it expires."

The AWS navigation bar includes links for Instances, PeeringConnections, EC2, and PeeringConnectionDetails. The sidebar on the left lists various VPC services: Internet gateways, Egress-only internet gateways, DHCP option sets, Elastic IPs, Managed prefix lists, Endpoints, Endpoint services, NAT gateways, and Peering connections.

Screenshot of the AWS Management Console showing the acceptance of a VPC peering connection request between two VPCs.

The top section shows the "Accept VPC peering connection request" dialog box:

Accepter		Requester	
VPC	vpc-034daae0d1aecda88 / Osaka-VPC	CIDRs	150.250.0.0/18
CIDRs	-	Region	Osaka (ap-northeast-3)
owner ID	471112916582 (This account)	owner ID	471112916582 (This account)

Buttons: Cancel, Accept request.

The bottom section shows the "Peering connections (1)" list:

Name	Peering connection ID	Status	Requester VPC	Acceptor
-	pvc-0a36e18b50646fb61	Provisioning	vpc-0c30b8662a68453fc	vpc-034

Message: "Your VPC peering connection (pvc-0a36e18b50646fb61) has been established. To send and receive traffic across this VPC peering connection, you must add a route to the peered VPC in one or more of your VPC route tables." Button: Modify my route tables now.

CloudShell and Feedback icons are visible at the bottom left.

Screenshot of the AWS VPC Peering Connections console showing a single peering connection between Tokyo and Osaka.

Peering connections (1) Info

Name	Peering connection ID	Status	Requester VPC	Accepter VPC
Tokyo to ping Osaka	pcx-0a36e18b50646fb61	Active	vpc-0c30b8662a68453fc / Tokyo VPC	vpc-034

Select a peering connection above

pcx-0a36e18b50646fb61 / Tokyo to ping Osaka

Details

Requester owner ID 471112916582	Acceptor owner ID 471112916582	VPC Peering connection ARN arn:aws:ec2:ap-northeast-1:471112916582:vpc-peering-connection/pcx-0a36e18b50646fb61
Peering connection ID pcx-0a36e18b50646fb61	Requester VPC vpc-0c30b8662a68453fc / Tokyo VPC	Acceptor VPC vpc-034
Status	Requester CIDs	

Connect Same Account using Ping

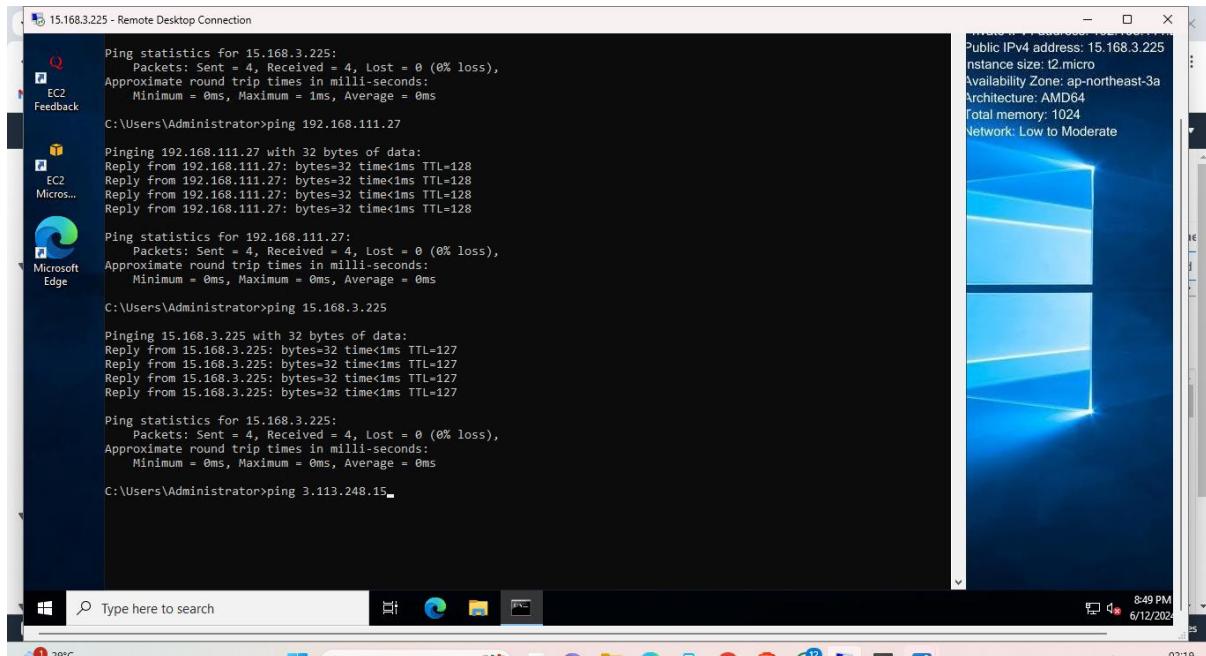
The screenshot shows the AWS EC2 Instances page with a single instance listed:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Windows Tokyo...	i-0ac7d4a9a0518a863	Running	t2.micro	2/2 checks passed	View alarms +	ap-northeast-1d

The instance summary details show the following information:

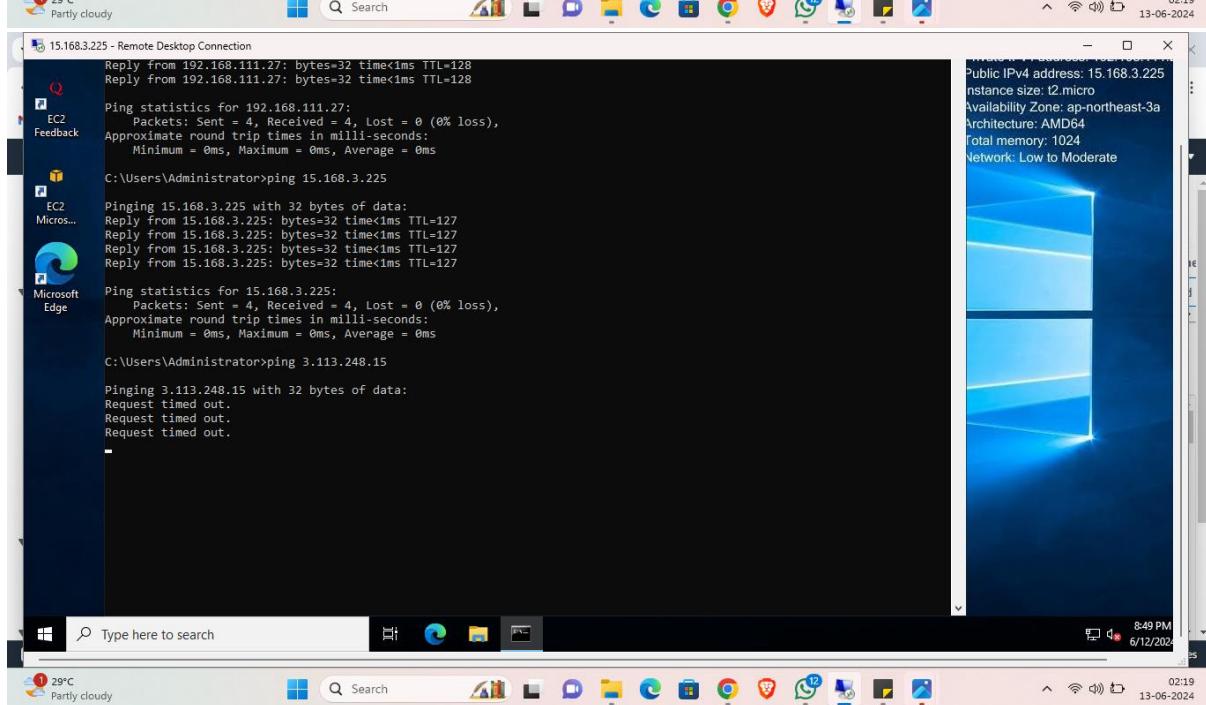
Instance ID	Public IPv4 address	Private IP4 addresses
i-0ac7d4a9a0518a863 (Windows Tokyo 2022)	3.113.248.15 open address	150.250.0.136

A tooltip "Public IPv4 address copied" is displayed over the Public IPv4 address field.



15.168.3.225 - Remote Desktop Connection

```
Ping statistics for 15.168.3.225:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 1ms, Average = 0ms  
C:\Users\Administrator>ping 192.168.111.27  
  
Ping statistics for 192.168.111.27 with 32 bytes of data:  
Reply from 192.168.111.27: bytes=32 time<1ms TTL=128  
  
Ping statistics for 192.168.111.27:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 0ms, Average = 0ms  
C:\Users\Administrator>ping 15.168.3.225  
  
Ping statistics for 15.168.3.225 with 32 bytes of data:  
Reply from 15.168.3.225: bytes=32 time<1ms TTL=127  
  
Ping statistics for 15.168.3.225:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 0ms, Average = 0ms  
C:\Users\Administrator>ping 3.113.248.15
```



15.168.3.225 - Remote Desktop Connection

```
Reply from 192.168.111.27: bytes=32 time<1ms TTL=128  
Reply from 192.168.111.27: bytes=32 time<1ms TTL=128  
  
Ping statistics for 192.168.111.27:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 0ms, Average = 0ms  
C:\Users\Administrator>ping 15.168.3.225  
  
Ping statistics for 15.168.3.225 with 32 bytes of data:  
Reply from 15.168.3.225: bytes=32 time<1ms TTL=127  
  
Ping statistics for 15.168.3.225:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 0ms, Maximum = 0ms, Average = 0ms  
C:\Users\Administrator>ping 3.113.248.15  
  
Ping statistics for 3.113.248.15 with 32 bytes of data:  
Request timed out.  
Request timed out.  
Request timed out.
```

Screenshot of the AWS Management Console showing the EC2 Instances page and a Windows Remote Desktop session.

The top navigation bar shows multiple tabs: Instances | EC2 | ap-northeast-3, PeeringConnections | VPC Cons..., EC2 | ap-northeast-1, and PeeringConnections | VPC Cons... The browser address bar displays: ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#Instances:.

The left sidebar menu includes: EC2 Dashboard, EC2 Global View, Events, Instances (selected), Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances.

The main content area shows the "Instances (1/1) Info" table:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Windows Tokyo...	i-0ac7d4a9a0518a863	Running	t2.micro	2/2 checks passed	View alarms +	ap-northeast-1d

A modal window titled "Run" is open, showing the command "mstsc" entered in the "Open:" field. The "OK" button is highlighted.

The bottom navigation bar includes: CloudShell, Feedback, and the Windows taskbar with icons for File Explorer, Task View, Start, Search, Taskbar settings, and system status.

The second screenshot shows the "Remote Desktop Connection" dialog box over the EC2 Instances page. The "Computer:" field contains "3.113.248.15". The "Connected" button is highlighted.

The bottom navigation bar includes: CloudShell, Feedback, and the Windows taskbar with icons for File Explorer, Task View, Start, Search, Taskbar settings, and system status.

Instances | EC2 | ap-northeast-3 | PeeringConnections | VPC Cons... | EC2 | ap-northeast-1 | PeeringConnections | VPC Cons...

Gmail YouTube Maps

Services Search

EC2 Dashboard EC2 Global View Events Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations Images AMIs AMI Catalog Elastic Block Store CloudShell Feedback

29°C Partly cloudy

Instances (1/1) Info Find Instance by attribute Name Windows Tokyo... i-Oac7d4a9a0518a863 (Windows Tokyo 2022)

Enter your credentials

These credentials will be used to connect to 3.113.248.15.

User name Password Remember me

OK Cancel

i-Oac7d4a9a0518a863 (Windows Tokyo 2022)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary Info Public IPv4 address copied

Instance ID i-Oac7d4a9a0518a863 (Windows Tokyo 2022) Private IPv4 addresses 150.250.0.136

IPv6 address - Public IPv4 DNS

Instance state Running

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Instances | EC2 | ap-northeast-3 | PeeringConnections | VPC Cons... | EC2 | ap-northeast-1 | PeeringConnections | VPC Cons...

Gmail YouTube Maps

Services Search

EC2 Dashboard EC2 Global View Events Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations Images AMIs AMI Catalog Elastic Block Store CloudShell Feedback

29°C Partly cloudy

Instances (1/1) Info Find Instance by attribute Name Windows Tokyo... i-Oac7d4a9a0518a863 (Windows Tokyo 2022)

Enter your credentials

These credentials will be used to connect to 3.113.248.15.

Administrator Password Remember me

OK Cancel

i-Oac7d4a9a0518a863 (Windows Tokyo 2022)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary Info Public IPv4 address copied

Instance ID i-Oac7d4a9a0518a863 (Windows Tokyo 2022) Private IPv4 addresses 150.250.0.136

IPv6 address - Public IPv4 DNS

Instance state Running

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The screenshot shows two stacked windows from the AWS Management Console.

The top window is titled "Instances (1/1) Info" and displays a single instance named "Windows Tokyo...". The instance is running and has an instance type of t2.micro. The "Actions" menu is open, showing options like "Connect", "View details", "Manage instance state", "Instance settings", "Networking", "Security", "Image and templates", and "Monitor and troubleshoot".

The bottom window is titled "Get Windows password" and provides instructions for retrieving the initial Windows administrator password. It asks for the private key file and provides a text area for "Private key contents - optional".

Both windows have a header bar with tabs for "CloudShell" and "Feedback", and a status bar at the bottom indicating the date and time (13-06-2024).

Screenshot showing the AWS CloudShell interface with multiple tabs open, including EC2 Instances and PeeringConnections.

The main window displays the "Get Windows password" dialog for instance `i-0ac7d4a9a0518a863`. It asks for a private key file to decrypt the password. A file selection dialog is open, showing PEM files in the "Downloads" folder:

Name	Date modified	Type
Tokyo.pem	13-06-2024 02:01	PEM File
Osaka.pem	13-06-2024 01:07	PEM File
Ohio.pem	11-06-2024 13:14	PEM File
Cloud.pem	04-06-2024 22:25	PEM File
Meet - tfg-jvh-fwz_files	04-06-2024 12:48	File folder

The "File name:" dropdown is set to "Tokyo.pem".

The bottom section of the dialog shows the decrypted private key content:

```
-----BEGIN RSA PRIVATE KEY-----
MIIEpAIBAAKCAQEAnfCMERKRhzh9mqYbjc23tvY+kJWAo8yrhHdTV65FrZypsIt
gzXi370GDSAu1jcGnaT3+aCp4Ucp35Als1kH2of/NQku0zdQS+//lm51piAWgS2
U5+0HxtH6W71tCbyToA29KHMqOsBQ1H6AbzRIQ4z3G7pfO5wa/Sjbzlyz+O7QH1m
ZlrcvzBiv3OsNrp2YuhsHMXi2EsoOE+tH9mL7mCYQpGmr9drWHNbjxtkCd72O
3oiH8R5ezwaLHYWQUAca2RqPerRgnRrVM990Ahv73keAbqbCFQY4JYibkqV8IG4/
8/fMFla9r6UL09OXIXGk6GqNSfmhujfr2KhViQIDAQABAoBADVqROLUolv/npRJ
LPfl9EclgjJkFchIGTtT91PcsZ2JcmgK8LJmDRyiG3V0lt9FDKsm9xerY6A3es6
```

Buttons:

- Cancel
- Decrypt password

The AWS CloudShell interface at the bottom shows the same tabs and environment as the main window.

Get Windows password

Connect to your Windows instance using Remote Desktop with this information.

Instance ID
i-0ac7d4a9a0518a863 (Windows Tokyo 2022)

Private IP address
150.250.0.136

Username
Kishore

>Password copied

>Password change recommended

We recommend that you change your default password. Note: If a default password is changed, it cannot be retrieved using this tool. It is important that you change your password to one that you will remember.

Cancel OK

Windows Security

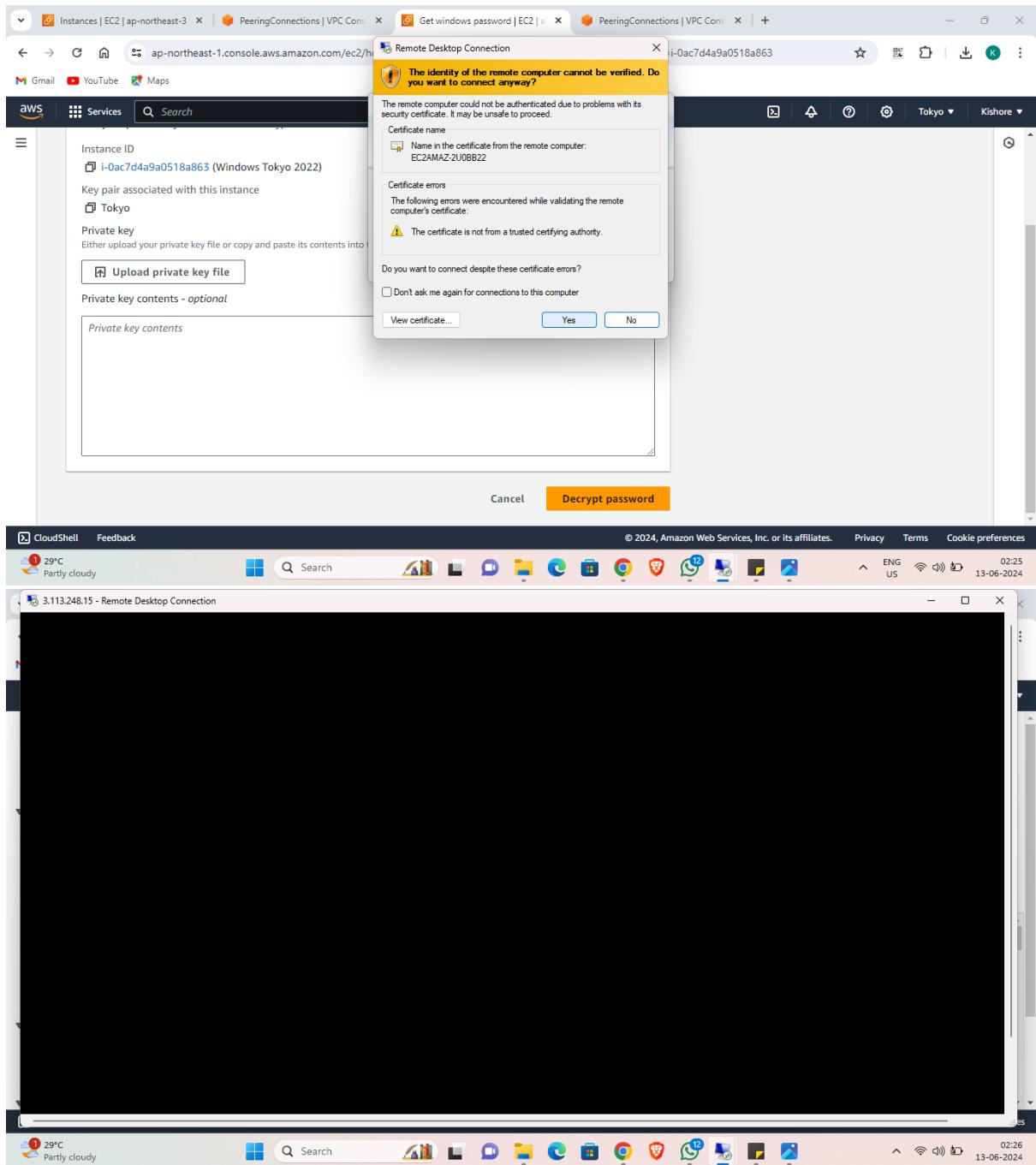
Enter your credentials

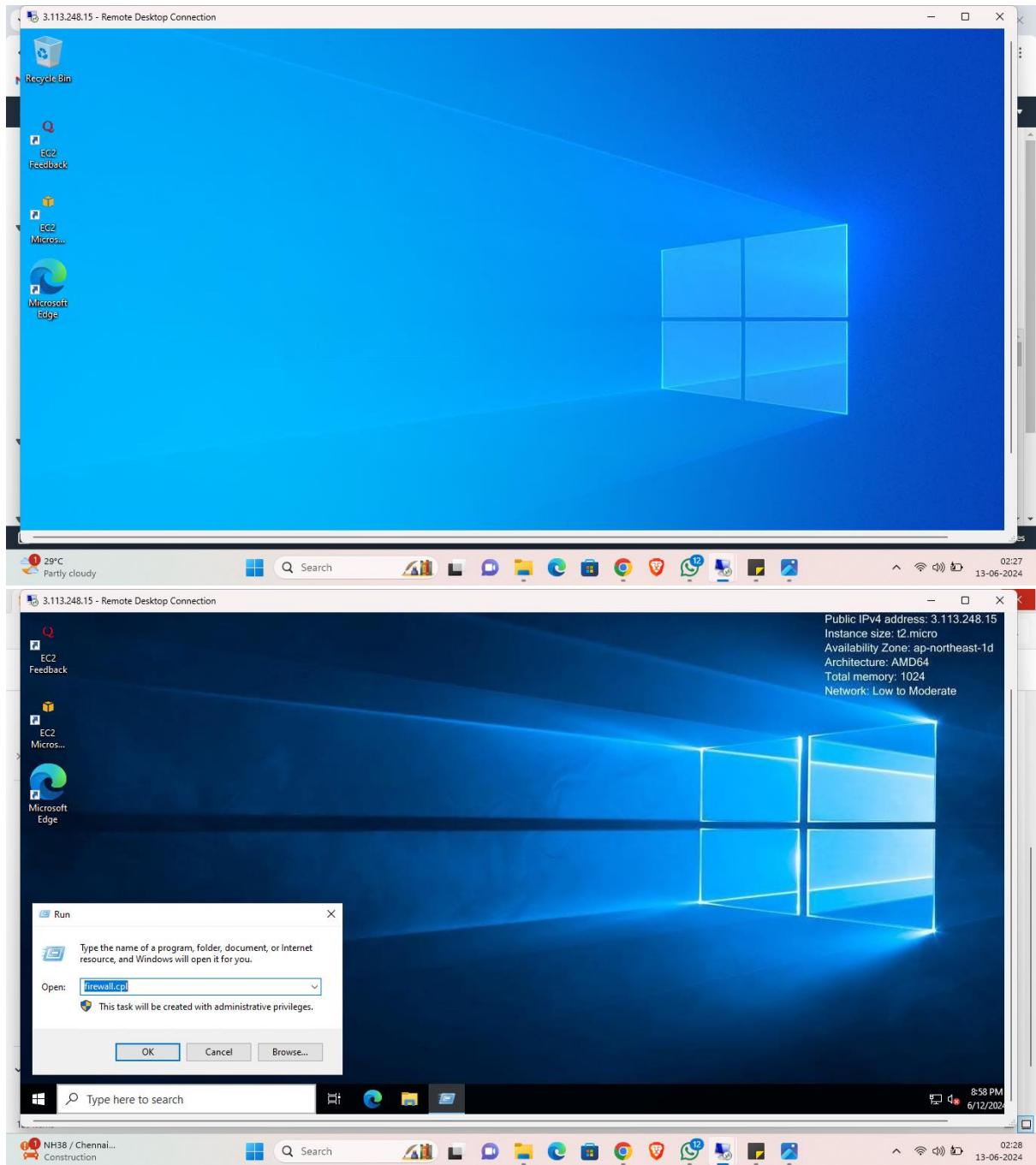
These credentials will be used to connect to 3.113.248.15.

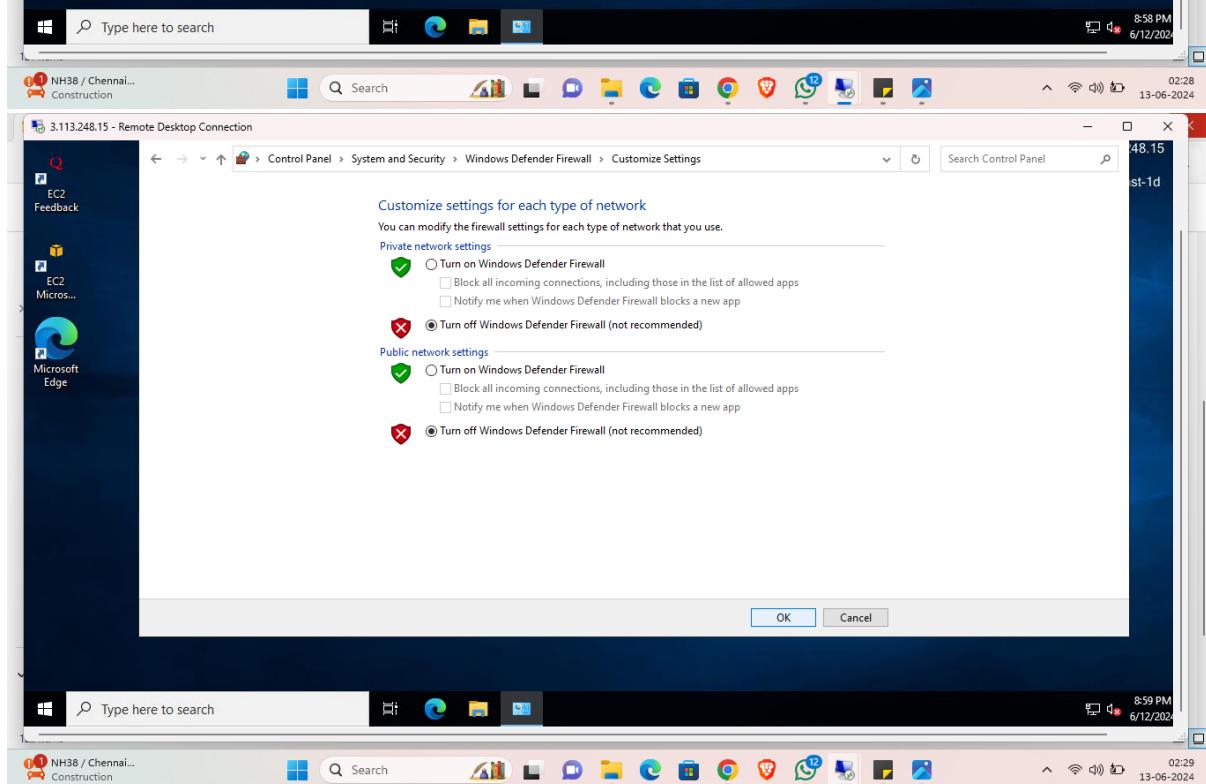
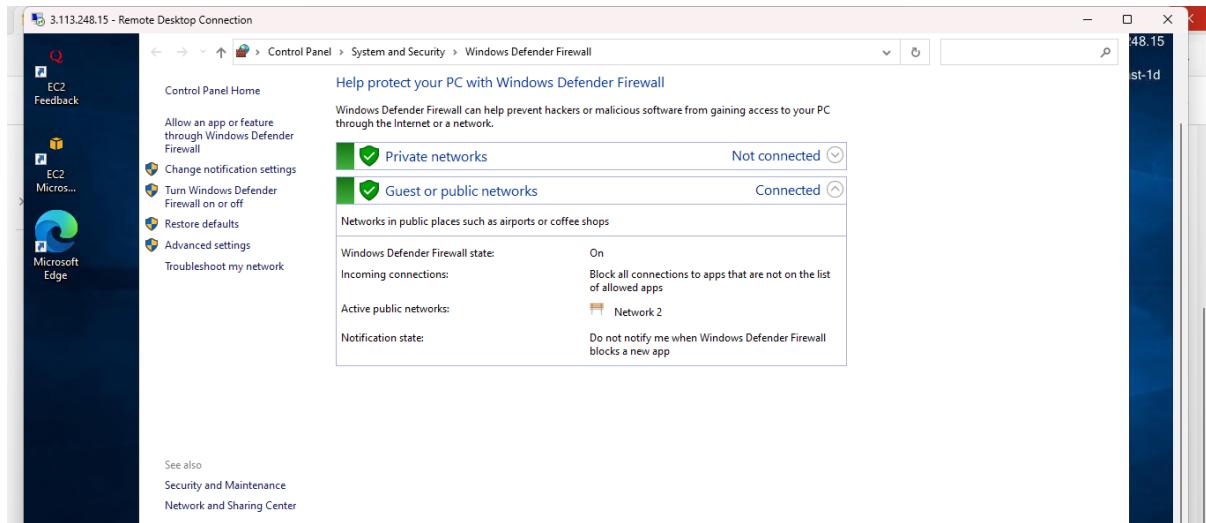
Administrator
.....

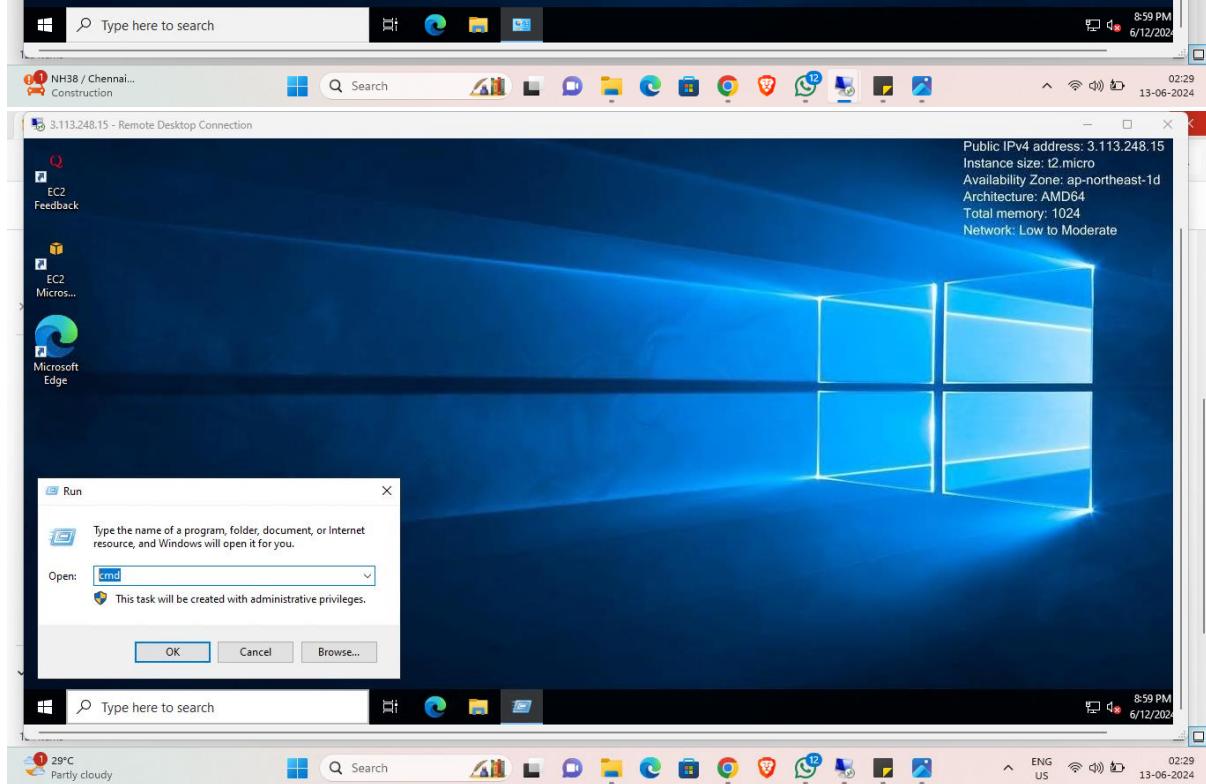
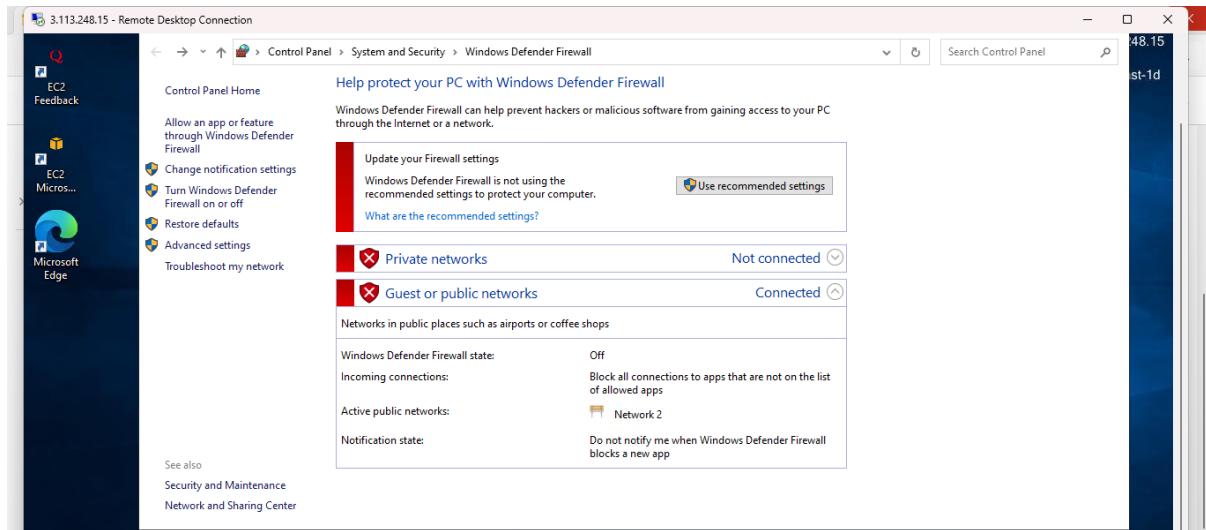
Remember me

OK Cancel









3.113.248.15 - Remote Desktop Connection

```
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.20348.2461]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet 2:

Connection-specific DNS Suffix . : ap-northeast-1.compute.internal
Link-local IPv6 Address . . . . . fe80::9492:4f5e:a0d:f666%7
IPv4 Address . . . . . 150.250.0.136
Subnet Mask . . . . . 255.255.255.192
Default Gateway . . . . . 150.250.0.129

C:\Users\Administrator>
```

Instance ID: f-0ac7d4a9a0518a963
Private IPv4 address: 150.250.0.136
Public IPv4 address: 3.113.248.15
Instance size: t2.micro
Availability Zone: ap-northeast-1d
Architecture: AMD64
Total memory: 1024
Network: Low to Moderate

29°C Partly cloudy 02:29 13-06-2024

15.168.3.225 - Remote Desktop Connection

```
C:\Users\Administrator>ping 15.168.3.225

Pinging 15.168.3.225 with 32 bytes of data:
Reply from 15.168.3.225: bytes=32 time<1ms TTL=127

Ping statistics for 15.168.3.225:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\Administrator>ping 3.113.248.15

Pinging 3.113.248.15 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 3.113.248.15:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\Administrator>ping 3.113.248.15

Pinging 3.113.248.15 with 32 bytes of data:
Reply From 3.113.248.15: bytes=32 time=8ms TTL=114
Reply From 3.113.248.15: bytes=32 time=8ms TTL=114
Reply From 3.113.248.15: bytes=32 time=8ms TTL=114
Reply From 3.113.248.15: bytes=32 time=7ms TTL=114

Ping statistics for 3.113.248.15:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 7ms, Maximum = 8ms, Average = 7ms

C:\Users\Administrator>
```

Public IPv4 address: 15.168.3.225
Instance size: t2.micro
Availability Zone: ap-northeast-3a
Architecture: AMD64
Total memory: 1024
Network: Low to Moderate

29°C Partly cloudy 9:00 PM 6/12/2024 02:30 13-06-2024

The screenshot shows a Windows desktop environment. In the top-left corner, there is a taskbar icon for a '3.113.248.15 - Remote Desktop Connection' session. The main window is a Command Prompt window titled 'Select Administrator: C:\Windows\system32\cmd.exe'. It displays the following output:

```
Microsoft Windows [Version 10.0.20348.2461]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet 2:

  Connection-specific DNS Suffix . : ap-northeast-1.compute.internal
  Link-local IPv6 Address . . . . . : fe80::9492:4f5e:a0d:f666%7
  IPv4 Address . . . . . : 150.250.0.136
  Subnet Mask . . . . . : 255.255.255.192
  Default Gateway . . . . . : 150.250.0.129

C:\Users\Administrator>ping 15.168.3.225

Pinging 15.168.3.225 with 32 bytes of data:
Reply from 15.168.3.225: bytes=32 time=9ms TTL=115
Reply from 15.168.3.225: bytes=32 time=8ms TTL=115
Reply from 15.168.3.225: bytes=32 time=8ms TTL=115
Reply from 15.168.3.225: bytes=32 time=8ms TTL=115

Ping statistics for 15.168.3.225:
  Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
  Approximate round trip times in milli-seconds:
    Minimum = 8ms, Maximum = 9ms, Average = 8ms

C:\Users\Administrator>
```

In the top-right corner of the desktop, there is a status bar showing instance details: Instance ID: i-0ac7d4a9a0518a863, Private IPv4 address: 150.250.0.136, Public IPv4 address: 3.113.248.15, Instance size: t2.micro, Availability Zone: ap-northeast-1d, Architecture: AMD64, Memory: 1024, Network: Low to Moderate.

The bottom half of the screen shows a web browser window with the AWS Management Console URL: ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#Instances. The browser interface includes a search bar, a tab bar with multiple open tabs, and a navigation bar with links like Gmail, YouTube, and Maps. The main content area displays the EC2 Instances dashboard, showing a single instance named 'Windows Tokyo...' with the ID 'i-0ac7d4a9a0518a863'. The instance is listed as 'Running' with an 't2.micro' instance type, 2/2 checks passed, and located in the 'ap-northeast-1' region. Below the main table, a detailed view for the selected instance is shown, including its summary information such as Public IPv4 address (3.113.248.15), Instance state (Running), and Private IPv4 addresses (150.250.0.136).

The screenshot displays two separate AWS console sessions side-by-side.

Left Console (EC2 Instances):

- Instances (1/1) Info:** Shows a single instance named "Windows Osaka 2022" (i-0ea07c8b9b782c5d7) in the "Running" state (t2.micro). It has 2/2 checks passed and is associated with an alarm.
- Details Tab:** Provides instance summary information including Public IPv4 address (15.168.3.225), Instance state (Running), and Private IPv4 addresses (192.168.111.27).

Right Console (VPC Peering Connections):

- Peering connections (1) Info:** Shows one peering connection established between VPCs (pcx-0a36e18b50646fb61). The requester VPC is "vpc-0c30b8662a6845fc" and the accepter VPC is "vpc-034".
- Info Section:** Informs the user that traffic can be sent and received across this VPC peering connection by adding a route to the peered VPC in one or more of their VPC route tables.

Screenshot of the AWS VPC Peering Connections console showing two peering connections between Tokyo and Osaka.

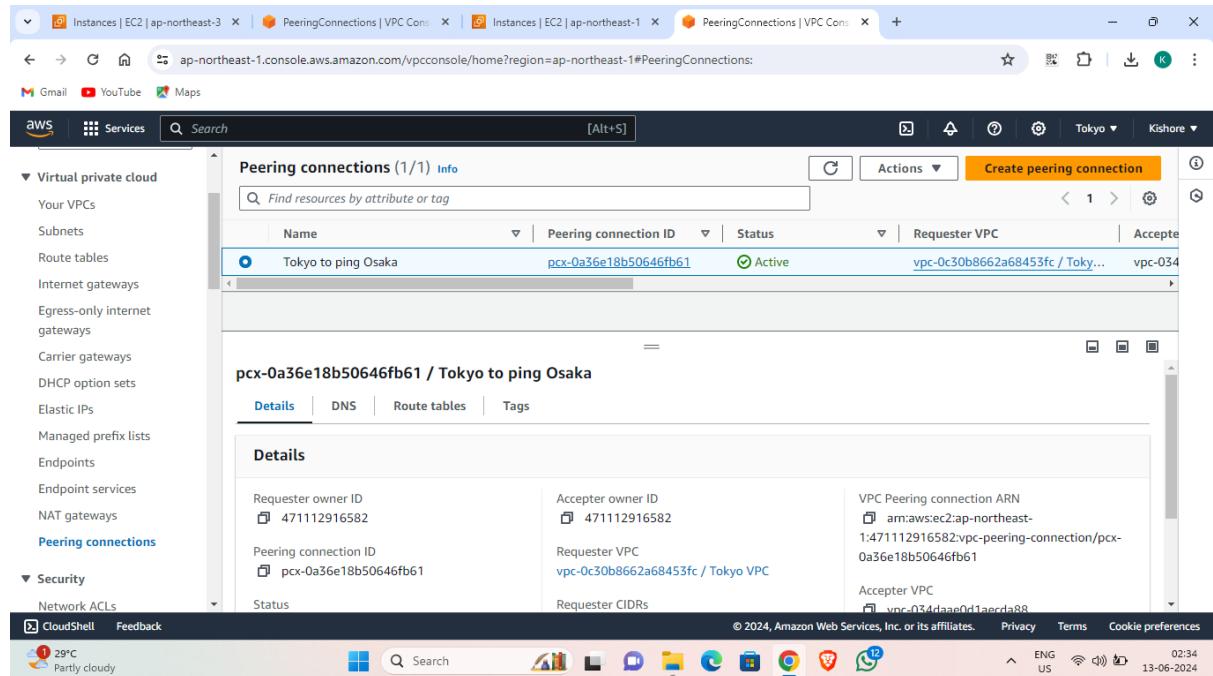
Peering connection 1 (Tokyo to ping Osaka):

Name	Peering connection ID	Status	Requester VPC	Accepter VPC
Tokyo to ping Osaka	pcx-0a36e18b50646fb61	Active	vpc-0c30b8662a68453fc / Tokyo VPC	vpc-034ddae0d1ae0da88

Peering connection 2 (Osaka to Tokyo):

Name	Peering connection ID	Status	Requester VPC	Accepter VPC
-	pcx-0a36e18b50646fb61	Active	vpc-0c30b8662a68453fc	vpc-034ddae0d1ae0da88

Delete VPC Account (step-by-Step)



The screenshot shows the AWS VPC Peering Connections console. The left sidebar navigation includes: Virtual private cloud (Your VPCs, Subnets, Route tables, Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, Elastic IPs, Managed prefix lists, Endpoints, Endpoint services, NAT gateways), Peering connections (selected), and Security (Network ACLs). The main content area displays a table titled "Peering connections (1/1) Info". The table has columns: Name, Peering connection ID, Status, Requester VPC, and Acceptor VPC. One row is listed: "Tokyo to ping Osaka" (pcx-0a36e18b50646fb61), Active, vpc-0c30b8662a68453fc / Tokyo VPC, and vpc-034d1aae0d1aecd88. Below the table, a detailed view for "pcx-0a36e18b50646fb61 / Tokyo to ping Osaka" is shown with tabs for Details, DNS, Route tables, and Tags. The Details tab shows fields: Requester owner ID (471112916582), Acceptor owner ID (471112916582), Peering connection ID (pcx-0a36e18b50646fb61), Requester VPC (vpc-0c30b8662a68453fc / Tokyo VPC), Requester CIDRs, and VPC Peering connection ARN (arn:aws:ec2:ap-northeast-1:471112916582:vpc-peering-connection/pcx-0a36e18b50646fb61). The bottom of the screen shows the AWS navigation bar, search bar, and various service icons.

Instances | EC2 | ap-northeast-3 | PeeringConnections | VPC Cons... | Instances | EC2 | ap-northeast-1 | PeeringConnections | VPC Cons...

Gmail YouTube Maps

aws Services Search [Alt+S]

Virtual private cloud

- Your VPCs
- Subnets
- Route tables
- Internet gateways
- Egress-only internet gateways
- Carrier gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints
- Endpoint services
- NAT gateways
- Peering connections

Security

- Network ACLs

CloudShell Feedback

29°C Partly cloudy

Instances | EC2 | ap-northeast-3 | PeeringConnections | VPC Cons... | Instances | EC2 | ap-northeast-1 | PeeringConnections | VPC Cons...

Gmail YouTube Maps

aws Services Search [Alt+S]

Peering connections (1/1) Info

Find resources by attribute or tag

Name	Peering connection ID	Status	Requester VPC	Accepted
Tokyo to ping Osaka	pcx-0a36e18b50646fb61	Active	vpc-0c30b8662a68453fc / Tokyo VPC	vpc-034daae0d1aecda88

pcx-0a36e18b50646fb61 / Tokyo to ping Osaka

Details DNS Route tables Tags

Details

Requester owner ID 471112916582	Acceptor owner ID 471112916582	VPC Peering connection ARN arn:aws:ec2:ap-northeast-1:471112916582:vpc-peering-connection/pcx-0a36e18b50646fb61
Peering connection ID pcx-0a36e18b50646fb61	Requester VPC vpc-0c30b8662a68453fc / Tokyo VPC	Acceptor VPC vpc-034daae0d1aecda88
Status Active	Requester CIDRs 150.250.0.0/18	Acceptor CIDRs

Actions Create peering connection

View details Accept request Reject request Edit DNS settings Manage tags Delete peering connection

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CloudShell Feedback

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Instances | EC2 | ap-northeast-3 | PeeringConnections | VPC Cons... | Instances | EC2 | ap-northeast-1 | PeeringConnections | VPC Cons...

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aws Services Search [Alt+S]

Peering connections (1/1) Info

Find resources by attribute or tag

Name	Peering connection ID	Status	Requester VPC	Accepted
Tokyo to ping Osaka	pcx-0a36e18b50646fb61	Active	vpc-0c30b8662a68453fc / Tokyo VPC	vpc-034daae0d1aecda88

pcx-0a36e18b50646fb61 / Tokyo to ping Osaka

Details DNS Route tables Tags

Details

Requester owner ID 471112916582	Acceptor owner ID 471112916582	VPC Peering connection ARN arn:aws:ec2:ap-northeast-1:471112916582:vpc-peering-connection/pcx-0a36e18b50646fb61
Peering connection ID pcx-0a36e18b50646fb61	Requester VPC vpc-0c30b8662a68453fc / Tokyo VPC	Acceptor VPC vpc-034daae0d1aecda88
Status Active	Requester CIDRs 150.250.0.0/18	Acceptor CIDRs

Actions Create peering connection

View details Accept request Reject request Edit DNS settings Manage tags Delete peering connection

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CloudShell Feedback

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

The top section displays the details of the peering connection:

Requester VPC	Acceptor VPC
vpc-0c30b8662a68453fc / Tokyo VPC	vpc-034daae0d1aecda88
Requester Region	Acceptor Region
Tokyo (ap-northeast-1)	Osaka (ap-northeast-3)
Requester owner ID	Acceptor owner ID
471112916582 (This account)	471112916582 (This account)

The middle section shows "Routes targeting this peering connection" with a note: "No routes found targeting this peering connection".

The bottom section contains a confirmation message: "To confirm deletion, type delete in the field:

Buttons: Cancel, Delete (highlighted in orange).

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The bottom section shows the successful deletion message: "You have successfully deleted peering connection pcx-0a36e18b50646fb61." followed by the Peering connections list table.

Name	Peering connection ID	Status	Requester VPC	Acceptor VPC
Tokyo to ping Osaka	pcx-0a36e18b50646fb61	Deleted	vpc-0c30b8662a68453fc / Tokyo VPC	vpc-034daae0d1aecda88

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Screenshot of the AWS VPC Console showing the Internet Gateways page. The interface includes a navigation bar with tabs for Instances, PeeringConnections, Instances, and igws. The main content area displays a table of Internet Gateways:

Name	Internet gateway ID	State
igw-02e1d37e80b69dc04	Attached	
Tokyo Internet Gateway	igw-0584a89fb5ccc1a64	Attached

The "Tokyo Internet Gateway" row is selected. The Actions menu for this row is open, showing options: View details, Attach to VPC, Detach from VPC (highlighted), Manage tags, and Delete internet gateway. The "Create internet gateway" button is also visible.

Below the table, a detailed view for the "Tokyo Internet Gateway" is shown:

Internet gateway ID	State	VPC ID	Owner
igw-0584a89fb5ccc1a64	Attached	vpc-0c30b8662a68453fc Tokyo VPC	471112916582

The second screenshot shows the "Detach from VPC" confirmation dialog for the "Tokyo Internet Gateway". The dialog asks if the user is sure they want to detach the gateway from the specified VPC. It also states that resources in the VPC cannot communicate with the internet if detached. The "Cancel" and "Detach internet gateway" buttons are present.

The third screenshot shows the same confirmation dialog, but the "Detach internet gateway" button is highlighted in orange, indicating it is the active button.

Detaching internet gateway unsuccessful
Network `vpc-0c30b8662a68453fc` has some mapped public address(es). Please unmmap those public address(es) before detaching the gateway.

Internet gateways (1/2) Info

Name	Internet gateway ID	State	VPC ID
<input type="checkbox"/> -	igw-02e1d37e80b69dc04	Attached	vpc-0a67c0ae2c20b8336
<input checked="" type="checkbox"/> Tokyo Internet Gateway	igw-0584a89fb5ccc1a64	Attached	vpc-0c30b8662a68453fc Tokyo VPC

igw-0584a89fb5ccc1a64 / Tokyo Internet Gateway

Details **Tags**

Details

Internet gateway ID igw-0584a89fb5ccc1a64	State Attached	VPC ID vpc-0c30b8662a68453fc Tokyo VPC	Owner 471112916582
--	--	---	---------------------------------------

Actions

- Create internet gateway
- View details
- Attach to VPC
- Detach from VPC
- Manage tags
- Delete internet gateway

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Screenshot of the AWS VPC Console showing Route Tables.

Route tables (1/4) Info

Name	Route table ID	Explicit subnet associations	Edge associations	Main
-	rtb-0761a95758d593d9	-	-	Yes
Tokyo Public-RT	rtb-0a6849d1cf520e6d7	2 subnets	-	No
-	rtb-0c86db09a61c8fa22	-	-	Yes
Tokyo Private-RT	rtb-0c802c9c0b01e2970	2 subnets	-	No

Routes (2)

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0584a89fb5ccc1a64	Active	No
150.250.0.0/18	local	Active	No

Edit routes

Destination	Target	Status	Propagated
150.250.0.0/18	local	Active	No

Add route

Cancel Preview Save changes

Screenshot of the AWS VPC Console showing the Edit Routes screen for route table rtb-0a6849d1cf520e6d7.

Edit routes

Destination	Target	Status	Propagated
150.250.0.0/18	local	Active	No

Add route

Cancel Preview Save changes

VPC dashboard

Internet gateways (1/2) Info

Name	Internet gateway ID	State	VPC ID
-	igw-02e1d37e80b69dc04	Attached	vpc-0a67c0ae2c20b8336
Tokyo Internet Gateway	igw-0584a89fb5ccc1a64	Attached	vpc-0c30b8662a68453fc Tokyo VPC

Route tables (1/4) Info

Name	Route table ID	Explicit subnet associations	Main	VP
-	rtb-0761a957758d593d9	-	-	Yes
Tokyo Public-RT	rtb-0a6849d1cf520e6d7	2 subnets	-	No
Create route table	rtb-0c86db09a61c8fa22	-	-	Yes
View details	rtb-0c802c9c0b01e2970	2 subnets	-	No
Set main route table				
Edit subnet associations				
Edit edge associations				
Details				
ROU	Manage tags			
Both	Edit routes			
Destination	Target	Status	Propagated	
150.250.0.0/18	local	Active	No	

Screenshot of the AWS VPC Console showing the Route tables (1/4) page. The route table 'rtb-0c802c9c0b01e2970' is selected. A context menu is open over this table, with the 'Delete route table' option highlighted.

Name	Route table ID	Explicit subnet assoc...	Main	VP
-	rtb-0761a957758d593d9	-	-	Yes
Tokyo Public-RT	rtb-0a6849d1cf520e6d7	2 subnets	-	No
-	rtb-0c86db09a61c8fa22	-	-	Yes
rtb-0c802c9c0b01e2970	rtb-0c802c9c0b01e2970	2 subnets	-	No

The 'Edit subnet associations' tab is selected in the details pane. The 'Selected subnets' section shows two subnets: 'subnet-0c521d7a24a430565 / TokyoPublic1' and 'subnet-0117fb5a00aca35b1 / TokyoPublic2'.

Instances | EC2 | ap-northeast-3 | PeeringConnections | VPC Cons... | Instances | EC2 | ap-northeast-1 | EditRouteTableSubnetAssociations | +

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Services Search [Alt+S]

VPC > Route tables > rtb-0a6849d1cf520e6d7 > Edit subnet associations

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (4)					
	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input type="checkbox"/>	TokyoPublic1	subnet-0c521d7a24a430565	150.250.0.0/26	-	rtb-0a6849d1cf520e6d7 / Tokyo Pu...
<input type="checkbox"/>	TokyoPrivate1	subnet-0df8de954e7336044	150.250.0.64/26	-	rtb-0c802c9c0b01e2970 / Tokyo Pr...
<input type="checkbox"/>	TokyoPublic2	subnet-0117fb5a0aca35b1	150.250.0.128/26	-	rtb-0a6849d1cf520e6d7 / Tokyo Pu...
<input type="checkbox"/>	TokyoPrivate2	subnet-0c1ee79f66bbab884	150.250.0.192/26	-	rtb-0c802c9c0b01e2970 / Tokyo Pr...

Cancel Save associations

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Instances | EC2 | ap-northeast-3 | PeeringConnections | VPC Cons... | Instances | EC2 | ap-northeast-1 | Route tables | VPC Manager... | +

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Services Search [Alt+S]

VPC dashboard X

You have successfully updated subnet associations for rtb-0a6849d1cf520e6d7 / Tokyo Public-RT.

Route tables (1/4) Info Last updated less than a minute ago Actions Create route table

Name	Route table ID	Explicit subnet associa...	Main	VP...
-	rtb-0761a957758d593d9	-	-	vp...
Tokyo Public-RT	rtb-0a6849d1cf520e6d7	-	-	vp...
-	rtb-0c86db09a61c8fa22	-	-	vp...
<input checked="" type="checkbox"/> Tokyo Private-RT	rtb-0c802c9c0b01e2970	2 subnets	-	vp...

Explicit subnet associations (2) Edit subnet associations

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR
TokyoPrivate1	subnet-0df8de954e7336044	150.250.0.64/26	-
TokyoPrivate2	subnet-0c1ee79f66bbab884	150.250.0.192/26	-

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

The 'Available subnets' table shows four subnets:

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
TokyoPublic1	subnet-0c521d7a24a430565	150.250.0.0/26	-	Main (rtb-0c86db09a61c8fa22)
TokyoPrivate1	subnet-0df8de954e7336044	150.250.0.64/26	-	rtb-0c802c9c0b01e2970 / Tokyo Private1
TokyoPublic2	subnet-0117fb5a0aca35b1	150.250.0.128/26	-	Main (rtb-0c86db09a61c8fa22)
TokyoPrivate2	subnet-0c1ee79f66bbab884	150.250.0.192/26	-	rtb-0c802c9c0b01e2970 / Tokyo Private2

The 'Selected subnets' section contains two subnets:

- subnet-0c1ee79f66bbab884 / TokyoPrivate2
- subnet-0df8de954e7336044 / TokyoPrivate1

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

CloudShell and Feedback icons are visible in the top bar.

Route tables (1/4) Info

Last updated less than a minute ago

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
-	rtb-0761a957758d593d9	-	-	Yes	vp
<input checked="" type="checkbox"/> Create route table	rtb-0a6849d1cf520e6d7	-	-	No	vp
<input type="checkbox"/> View details	rtb-0c86db09a61c8fa22	-	-	Yes	vp
<input type="checkbox"/> Set main route table	rtb-0c802c9c0b01e2970	-	-	No	vp

7 / Tokyo Public-RT

Subnet associations | Edge associations | Route propagation | Tags

Delete route table

The following route tables will be deleted permanently and can't be recovered later.

Name	Route table ID	VPC ID
Tokyo Public-RT	rtb-0a6849d1cf520e6d7	vpc-0c30b866

To confirm deletion, type **delete** in the field:
deleted

Cancel **Delete**

Screenshot of the AWS VPC Management console showing the successful deletion of a route table.

The top navigation bar shows multiple tabs: Instances | EC2 | ap-northeast-3, PeeringConnections | VPC Cons..., Instances | EC2 | ap-northeast-1, Route tables | VPC Management. The active tab is Route tables | VPC Management.

The main title is "Route tables (1/3) Info". A success message says "You have successfully deleted rtb-0a6849d1cf520e6d7 / Tokyo Public-RT".

The table lists three route tables:

Name	Route table ID	Explicit subnet associations	Main	VPC
rtb-0c802c9c0b01e2970	-	-	No	vp
rtb-0761a957578d593d9	-	-	Yes	vp
rtb-0c86db09a61c8fa22	-	-	Yes	vp

A sidebar menu under "Route tables" includes options like Create route table, View details, Set main route table, Edit subnet associations, Edit edge associations, Edit route propagation, Edit routes, Manage tags, and Delete route table.

The "Delete route table" dialog box is open, showing the route table to be deleted: Tokyo Private-RT, Route table ID: rtb-0c802c9c0b01e2970, and VPC ID: vpc-0c30b866. It also contains a confirmation message: "The following route tables will be deleted permanently and can't be recovered later." and a text input field with "delete".

The bottom status bar shows CloudShell, Feedback, 29°C Partly cloudy, and system information: ENG US 02:40 13-06-2024.

Screenshot of the AWS VPC console showing the Internet gateways list. The interface includes a search bar, actions dropdown, and navigation buttons. Two internet gateways are listed:

Name	Internet gateway ID	State	VPC ID
igw-02e1d37e80b69dc04	Attached	vpc-0a67c0ae2c20b8336	
igw-0584a89fb5ccc1a64	Attached	vpc-0c30b8662a68453fc Tokyo VPC	

A context menu is open for the second internet gateway, labeled "Tokyo Internet Gateway". The options in the menu are:

- View details
- Attach to VPC
- Detach from VPC
- Manage tags
- Delete internet gateway

The "Details" section shows the following information for the selected gateway:

Internet gateway ID: igw-0584a89fb5ccc1a64	State: Attached	VPC ID: vpc-0c30b8662a68453fc Tokyo VPC
		Owner: 471112916582

Second Screenshot:

The same AWS VPC console interface is shown, but a modal dialog box is open over the internet gateway list. The dialog title is "Detach from VPC". It contains a confirmation message and a note about the consequences of detachment. At the bottom right is a prominent yellow button labeled "Detach internet gateway".

Third Screenshot:

The same AWS VPC console interface is shown, but the modal dialog box is now closed. The "Detach internet gateway" button is no longer highlighted.

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

Initial State (Top):

- The screenshot shows the AWS Management Console with multiple tabs open: Instances | EC2 | ap-northeast-3, PeeringConnections | VPC Console, Instances | EC2 | ap-northeast-1, and igws | VPC Console.
- The main view displays a table of Peering connections. One connection is listed: **pcx-0a36e18b50646fb61**. It is **Active**, requester VPC is **vpc-0c30b8662a6845fc**, and accepter VPC is **vpc-034daae0d1aecda88**.
- A context menu is open over the connection, with the option **Delete peering connection** highlighted.

Accepting the Connection (Middle):

- The screenshot shows the same AWS Management Console interface.
- The peering connection table now shows the connection as **Accepted**.
- A context menu is open over the connection, with the option **Accept request** highlighted.

Deleting the Connection (Bottom):

- The screenshot shows the AWS Management Console interface.
- The peering connection table shows the connection as **Accepted**.
- A confirmation dialog box is displayed, asking to confirm deletion by typing **delete** in the input field.
- The **Delete** button is highlighted.

PeeringConnections | VPC Console

You have successfully deleted peering connection pcx-0a36e18b50646fb61.

Name	Peering connection ID	Status	Requester VPC	Accepted VPC
-	pcx-0a36e18b50646fb61	Deleted	vpc-0c30b8662a68453fc	vpc-034

Select a peering connection above

CloudShell Feedback

Subnets | VPC Console

Subnets (1/7) Info

Name	State	VPC	IPv4 CIDR
TokyoPublic1	Available	vpc-0a67c0ae2c20b8336	172.31.0.0/16
TokyoPrivate1	Available	vpc-0a67c0ae2c20b8336	172.31.32.0/24
TokyoPublic2	Available	vpc-0a67c0ae2c20b8336	172.31.16.0/24
TokyoPrivate2	Available	vpc-0c30b8662a68453fc Tokyo	150.250.0/24

subnet-0c521d7a24a430565 / 1

CloudShell Feedback

Screenshot of the AWS VPC Subnets console showing the deletion of a subnet.

The screenshot shows two instances of the AWS VPC Subnets console. The top instance displays a confirmation dialog for deleting the "TokyoPublic1" subnet. The subnet details are listed in a table:

Name	Subnet ID	State	VPC ID
TokyoPublic1	subnet-0c521d7a24a4...	Available	vpc-0c30b8662a6845...

The confirmation message states: "The following subnets will be deleted permanently and cannot be recovered later." A text input field contains the word "delete".

The bottom instance shows the successful deletion of the subnet. A green success message at the top of the table says: "You have successfully deleted subnet-0c521d7a24a430565". The table now lists six subnets:

Name	Subnet ID	State	VPC ID
Create subnet			
-	inet-0a21878c98a0dfb33	Available	vpc-0a67c0ae2c20b8336
-	inet-07407732ea1d06b22	Available	vpc-0a67c0ae2c20b8336
-	inet-0fc628af60d942da8	Available	vpc-0a67c0ae2c20b8336
TokyoPrivate1	inet-0df8de954e7336044	Available	vpc-0c30b8662a68453fc Tokyo...
TokyoPublic2	inet-0117fb5a00aca35b1	Available	vpc-0c30b8662a68453fc Tokyo...
TokyoPrivate2	inet-0c1ee79f66bbab884	Available	vpc-0c30b8662a68453fc Tokyo...

Screenshot of the AWS VPC Subnets console showing the deletion of a subnet.

The screenshot shows two instances of the AWS VPC Subnets console. The top instance shows a confirmation dialog for deleting the subnet "TokyoPrivate1". The bottom instance shows the successful deletion message and the updated list of subnets.

Delete subnets

The following subnets will be deleted permanently and cannot be recovered later.

Name	Subnet ID	State	VPC ID
TokyoPrivate1	subnet-0df8de954e733604	Available	vpc-0c30b8662a6845fc

To confirm deletion, type `delete` in the field

`delete`

Details

You have successfully deleted subnet-0df8de954e733604

Subnets (1/5) Info

Name	State	VPC	IPv4 CIDR
a0dfb33	Available	vpc-0a67c0ae2c20b8336	172.31.0.0
1d06b22	Available	vpc-0a67c0ae2c20b8336	172.31.32
f942da8	Available	vpc-0a67c0ae2c20b8336	172.31.16
aca35b1	Available	vpc-0c30b8662a6845fc Tokyo	150.250.0
bab884	Available	vpc-0c30b8662a6845fc Tokyo	150.250.0

Details

The screenshot shows the AWS EC2 Instances page with a single instance listed:

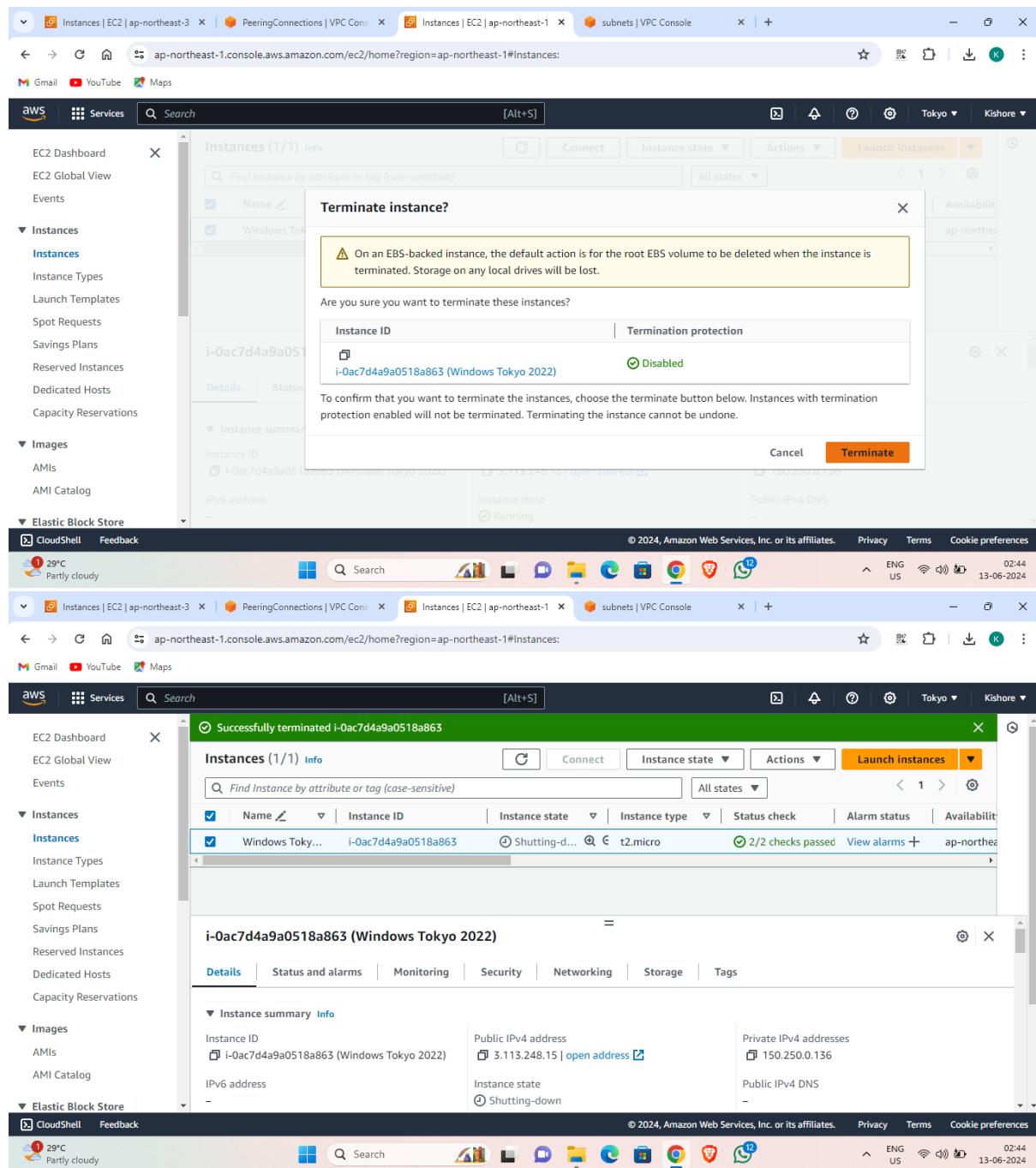
Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
Windows Tokyo...	i-0ac7d4a9a0518a863	Running	t2.micro	2/2 checks passed	View alarms	ap-northeast-1

The Actions dropdown menu is open, and the 'Terminate instance' option is highlighted.

Below the instance details, the Instance summary section shows:

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0ac7d4a9a0518a863 (Windows Tokyo 2022)	3.113.248.15 open address	150.250.0.136

Other tabs visible in the summary include Details, Status and alarms, Monitoring, Security, Networking, Storage, and Tags.



The screenshot shows the AWS EC2 Instances page. The main pane displays a table of instances with one entry:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
Windows Osaka 2022	i-0ea07c8b9b782c5d7	Running	t2.micro	2/2 checks passed	View alarms

Below the table, a detailed view of the selected instance (i-0ea07c8b9b782c5d7) is shown. The 'Details' tab is active, displaying the following information:

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0ea07c8b9b782c5d7 (Windows Osaka 2022)	15.168.3.225 open address	192.168.111.27
IPv6 address	Instance state	Public IPv4 DNS
-	Running	-

A modal dialog titled "Terminate instance?" is open in the foreground. It contains a warning message: "On an EBS-backed instance, the default action is for the root EBS volume to be deleted when the instance is terminated. Storage on any local drives will be lost." Below this, a question asks, "Are you sure you want to terminate these instances?". A table lists the instance details again, showing the instance ID, termination protection status (Disabled), and the option to cancel or terminate. The termination protection status is highlighted with a green circle.

Screenshot of the AWS Management Console showing the EC2 Instances page for two terminated instances: i-0ea07c8b9b782c5d7 (Windows Osaka 2022) and i-0ac7d4a9a0518a863 (Windows Tokyo 2022).

i-0ea07c8b9b782c5d7 (Windows Osaka 2022)

Attribute	Value
Instance ID	i-0ea07c8b9b782c5d7 (Windows Osaka 2022)
Public IPv4 address	15.168.3.225 open address
Private IPv4 addresses	192.168.111.27
IPv6 address	-
Instance state	Shutting-down
Public IPv4 DNS	-

i-0ac7d4a9a0518a863 (Windows Tokyo 2022)

Attribute	Value
Instance ID	i-0ac7d4a9a0518a863 (Windows Tokyo 2022)
Public IPv4 address	-
Private IPv4 addresses	-
IPv6 address	-
Instance state	Terminated
Public IPv4 DNS	-

Common Details:

- Region: ap-northeast-3
- Instance Type: t2.micro
- Status check: 2/2 checks passed
- Alarm status: View alarms
- Launch instances button

The screenshot also shows the AWS navigation bar, search bar, and various service links like EC2 Dashboard, CloudShell, Feedback, and the AWS logo.

Internet gateways (1/2) Info

Name	Internet gateway ID	State
—	igw-0c06c848b2709f06b	Attached
<input checked="" type="checkbox"/> Osaka-IGW	igw-006d87d8164de88a0	Attached

igw-006d87d8164de88a0 / Osaka-IGW

Details | Tags

Details

Internet gateway ID	State	VPC ID	Owner
igw-006d87d8164de88a0	Attached	vpc-052b7fb3f941f4d8f	AWS

Actions

Create internet gateway

View details

Attach to VPC

Detach from VPC

Manage tags

Delete internet gateway

Are you sure that you want to detach internet gateway igw-006d87d8164de88a0 (Osaka-IGW) from VPC vpc-034daae0d1aecda88?

If you detach the internet gateway, resources in the VPC cannot communicate with the internet.

Cancel

Detach internet gateway

Internet gateways (1/2) Info

Name	Internet gateway ID	State	VPC ID
—	igw-0c06c848b2709f06b	Attached	vpc-052b7fb3f941f4d8f
<input checked="" type="checkbox"/> Osaka-IGW	igw-006d87d8164de88a0	Attached	vpc-034daae0d1aecda88 Osaka-VPC

igw-006d87d8164de88a0 / Osaka-IGW

Details | Tags

Details

Internet gateway ID	State	VPC ID	Owner
igw-006d87d8164de88a0	Attached	vpc-052b7fb3f941f4d8f	AWS

Actions

Create internet gateway

View details

Attach to VPC

Detach from VPC

Manage tags

Delete internet gateway

Internet gateways (1/2) Info

Name	Internet gateway ID	State	VPC ID
—	igw-0c06c848b2709f06b	Attached	vpc-052b7fb3f941f4d8f
<input checked="" type="checkbox"/> Osaka-IGW	igw-006d87d8164de88a0	Attached	vpc-034daae0d1aecda88 Osaka-VPC

igw-006d87d8164de88a0 / Osaka-IGW

Details | Tags

Details

Internet gateway ID	State	VPC ID	Owner
igw-006d87d8164de88a0	Attached	vpc-052b7fb3f941f4d8f	AWS

Actions

Create internet gateway

View details

Attach to VPC

Detach from VPC

Manage tags

Delete internet gateway

Screenshot of the AWS VPC Console showing the successful detachment of an Internet Gateway from a VPC.

The screenshot displays two identical views of the AWS VPC console interface, one above the other. Both views show the "Internet gateways" section with the following details:

Name	Internet gateway ID	State	VPC ID
Osaka-IGW	igw-006d87d8164de88a0	Detached	-
-	igw-0c06c848b2709f06b	Attached	vpc-052b7fb3fd41f4d8f

A message at the top of the interface indicates: "Internet gateway igw-006d87d8164de88a0 successfully detached from vpc-034daae0d1aecda88".

The left sidebar shows navigation links for VPC services like Your VPCs, Subnets, Route tables, Internet gateways, and Security groups.

The bottom status bar includes weather information (29°C Partly cloudy), system icons, and the date/time (13-06-2024).

Screenshot of the AWS VPC Console showing the deletion of an Internet Gateway.

The top navigation bar shows three tabs: Instances | EC2 | ap-northeast-3, igws | VPC Console, and Instances | EC2 | ap-northeast-1, subnets | VPC Console. The igws | VPC Console tab is active.

The left sidebar menu includes: 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. It also has sections for Security (Network ACLs, Security groups) and DNS Firewall (CloudShell, Feedback).

The main content area displays a confirmation dialog titled "Delete internet gateway". It asks, "Are you sure that you want to delete this internet gateway?", with the response "igw-006d87d8164de88a0 - Osaka-IGW". Below it, a text input field contains "delete".

Below the dialog, the "Internet gateways (1/2) Info" table shows one row:

Name	Internet gateway ID	State	VPC ID	Owner
Osaka-IGW	igw-006d87d8164de88a0	Attached	vpc-034daae0d1aecda88	

At the bottom right of the dialog are "Cancel" and "Delete internet gateway" buttons.

After the deletion, the notifications pane shows two messages:

- Internet gateway successfully deleted - igw-006d87d8164de88a0
- Internet gateway igw-006d87d8164de88a0 successfully detached from vpc-034daae0d1aecda88

The main table now shows a single row for the new gateway:

Name	Internet gateway ID	State	VPC ID	Owner
-	igw-0c06c848b2709f06b	Attached	vpc-052b7fb3fd41f4d8f	

The status bar at the bottom indicates: © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG US 02:46 13-06-2024.

Screenshot of the AWS VPC Console showing Route Tables and subnet associations.

Route tables (1/4) Info

Name	Route table ID	Explicit subnet associa...	Edge associations	Main	VF
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp
<input checked="" type="checkbox"/> Osaka Public RT	rtb-0b5d47f192ff18181	2 subnets	-	No	vp
<input type="checkbox"/> Osaka Private RT	rtb-0db9d5067eeb43114	2 subnets	-	No	vp

rtb-0b5d47f192ff18181 / Osaka Public RT

- Details
- Routes
- Subnet associations
- Edge associations
- Route propagation
- Tags

You can now check network connectivity with Reachability Analyzer [Run Reachability Analyzer](#)

Available subnets (4)

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
Public Zone1	subnet-0fd17b97191fc8a36	192.168.111.0/27	-	rtb-0b5d47f192ff18181 / Osaka Pu
Private Zone1	subnet-07eda18321553b24c	192.168.111.32/27	-	rtb-0db9d5067eeb43114 / Osaka P
Public Zone2	subnet-0aad0eb295997f0ed	192.168.111.64/27	-	rtb-0b5d47f192ff18181 / Osaka Pu
Private Zone2	subnet-0fd2d12a6dd8774f6	192.168.111.96/27	-	rtb-0db9d5067eeb43114 / Osaka P

Cancel [Save associations](#)

Screenshot of the AWS VPC Management Console showing the Route tables section. A success message indicates subnet associations were updated for the Osaka Private RT.

Route tables (1/4) Info

Name	Route table ID	Explicit subnet assoc...	Edge associations	Main	VPC
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp
Osaka Public RT	rtb-0b5d47f192ff18181	-	-	No	vp
Osaka Private RT	rtb-0db9d5067eeb43114	2 subnets	-	No	vp

rtb-0db9d5067eeb43114 / Osaka Private RT

- Details
- Routes
- Subnet associations**
- Edge associations
- Route propagation
- Tags

Explicit subnet associations (2)

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR
Public Zone1	subnet-0fd17b97191fc836	192.168.111.0/27	-
Private Zone1	subnet-07eda18321553b24c	192.168.111.32/27	-
Public Zone2	subnet-0aad0eb295997f0ed	192.168.111.64/27	-
Private Zone2	subnet-0fd2d12a6dd8774f6	192.168.111.96/27	-

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (4)

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
Public Zone1	subnet-0fd17b97191fc836	192.168.111.0/27	-	Main (rtb-0bf0c0f9eb25e8260)
Private Zone1	subnet-07eda18321553b24c	192.168.111.32/27	-	rtb-0db9d5067eeb43114 / Osaka Priv
Public Zone2	subnet-0aad0eb295997f0ed	192.168.111.64/27	-	Main (rtb-0bf0c0f9eb25e8260)
Private Zone2	subnet-0fd2d12a6dd8774f6	192.168.111.96/27	-	rtb-0db9d5067eeb43114 / Osaka Priv

Save associations

Screenshot of the AWS VPC Console showing the Route tables (1/4) page. The 'Osaka Public RT' route table is selected.

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp
rtb-0b5d47f192ff18181	rtb-0b5d47f192ff18181	-	-	No	vp
-	rtb-0db9d5067eeb43114	-	-	No	vp

The 'Delete route table' dialog is open, confirming the deletion of the 'Osaka Public RT' route table.

The following route tables will be deleted permanently and can't be recovered later.

Name	Route table ID	VPC ID
Osaka Public RT	rtb-0b5d47f192ff18181	vpc-034daae0

To confirm deletion, type `delete` in the field:

Cancel **Delete**

Screenshot of the AWS VPC Console showing the successful deletion of a route table.

The top navigation bar shows tabs for Instances | EC2 | ap-northeast-3, RouteTables | VPC Console, Instances | EC2 | ap-northeast-1, and subnets | VPC Console. The URL is ap-northeast-3.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-3#RouteTables.

The main interface displays a success message: "You have successfully deleted rtb-0b5d47f192ff18181 / Osaka Public RT".

The "Route tables (1/3) Info" section lists three route tables:

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
Osaka Private RT	rtb-0db9d5067eeb43114	-	-	No	vp
-	rtb-0647f356f07ef79c6	-	-	Yes	vp
-	rtb-0bf0c0f9eb25e8260	-	-	Yes	vp

The details for the selected route table "rtb-0db9d5067eeb43114 / Osaka Private RT" are shown. It has no routes, subnet associations, or edge associations. A button to "Run Reachability Analyzer" is present.

The bottom navigation bar includes CloudShell, Feedback, and links to EC2, RouteTables, subnets, and VPCs. It also shows weather information (29°C Partly cloudy), system status (ENG US 02:47 13-06-2024), and cookie preferences.

The second screenshot is identical to the first, showing the same successful deletion message and route table list.

The third screenshot is identical to the first, showing the same successful deletion message and route table list.

Screenshot of the AWS VPC Console showing the deletion of a Route Table.

The screenshot shows two instances of the AWS VPC Console interface. The top instance displays a modal dialog titled "Delete route tables" asking for confirmation to delete the "Osaka Private RT" route table. The table details are:

Name	Route table ID	VPC ID
Osaka Private RT	rtb-0db9d5067eeb43114	vpc-034daaeC

The bottom instance shows the "Route tables (1/3) Info" page with the same route table listed. The table details are:

Name	Route table ID	VPC ID
-	rtb-0db9d5067eeb43114	vpc-034daaeC

Both instances include a navigation bar at the top with tabs for Instances, RouteTables, and subnets. The bottom instances also show a toolbar with various icons and a status bar indicating "CloudShell Feedback" and weather information ("29°C Partly cloudy").

Screenshot of the AWS VPC Console showing the Subnets (1/7) Info page. The Public Zone1 subnet is selected.

Subnets (1/7) Info

Name	Subnet ID	State	VPC	IPv4 CIDR
-	subnet-01630e4db8c83bf29	Available	vpc-052b7fb3fd41f4d8f	172.31.1.0/24
<input checked="" type="checkbox"/> Public Zone1	subnet-0fd17b97191fc8a36	Available	vpc-034daae0d1aecda88 Osaka	192.168.111.0/27
<input type="checkbox"/> Private Zone1	subnet-07eda18321553b24c	Available	vpc-034daae0d1aecda88 Osaka	192.168.111.0/27
<input type="checkbox"/> Public Zone2	subnet-0aad0eb295997f0ed	Available	vpc-034daae0d1aecda88 Osaka	192.168.111.0/27
<input type="checkbox"/> Private Zone2	subnet-0fd2d12a6dd8774f6	Available	vpc-034daae0d1aecda88 Osaka	192.168.111.0/27

subnet-0fd17b97191fc8a36 / Public Zone1

Details

Subnet ID subnet-0fd17b97191fc8a36	Subnet ARN arn:aws:ec2:ap-northeast-3:471112916582:subnet/subnet-0fd17b97191fc8a36	State Available	IPv4 CIDR 192.168.111.0/27
---------------------------------------	---	--------------------	-------------------------------

Actions

- Create subnet
- View details
- Create flow log
- Edit subnet settings
- Edit IPv6 CIDRs
- Edit network ACL association
- Edit route table association
- Edit CIDR reservations
- Share subnet
- Manage tags
- Delete subnet

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CloudShell Feedback 29°C Partly cloudy 02:48 13-06-2024

Screenshot of the AWS VPC Subnet Settings page showing the configuration for subnet-0fd17b97191fc8a36.

Subnet

Subnet ID subnet-0fd17b97191fc8a36	Name Public Zone1
---------------------------------------	----------------------

Auto-assign IP settings Info
Enable AWS to automatically assign a public IPv4 or IPv6 address to a new primary network interface for an instance in this subnet.

Enable auto-assign public IPv4 address Info

Resource-based name (RBN) settings Info
Specify the hostname type for EC2 instances in this subnet and optional RBN DNS query settings.

Enable resource name DNS A record on launch Info

VPC dashboard

You have successfully changed subnet settings:
Enable auto-assign public IPv4 address

Subnets (1/7) Info

Name	State	VPC	IPv4 CIDR
Public Zone1	Available	vpc-052b7fb3fd41f4d8f	172.31.192.168/16
Private Zone1	Available	vpc-034daae0d1aecda88	192.168.1.0/24
Public Zone2	Available	vpc-034daae0d1aecda88	192.168.1.0/24
subnet-0fd17b97191fc8a36	Available	vpc-034daae0d1aecda88	192.168.1.0/24

Details

Subnet ID subnet-0fd17b97191fc8a36	Subnet ARN arn:aws:ec2:ap-northeast-3:123456789012:subnet/subnet-0fd17b97191fc8a36	State Available	IPv4 CIDR 10.168.111.0/27
---------------------------------------	---	--------------------	------------------------------

Actions

Create subnet Actions Details Flow logs CIDR reservations Sharing Tags Delete subnet

Screenshot of the AWS VPC Management Console showing the deletion of a subnet.

The top section shows the "Delete subnets" confirmation dialog:

Name	Subnet ID	State	VPC ID
Public Zone1	subnet-0fd17b97191fc...	Available	vpc-034daae0d1aecda...

The confirmation message states: "The following subnets will be deleted permanently and cannot be recovered later." A text input field contains "delete".

The bottom section shows the successful deletion confirmation:

You have successfully deleted subnet-0fd17b97191fc8a36

The Subnets table now lists five subnets:

Name	Subnet ID	State	VPC ID	IPv4 CIDR
Private Zone1	530e4db8c83bf29	Available	vpc-052b7fb3fd41f4d8f	172.31.192.168/24
ada18321553b24c	ada18321553b24c	Available	vpc-034daae0d1aecda88 Osaka	192.168.1.0/24
ad0eb295997f0ed	ad0eb295997f0ed	Available	vpc-034daae0d1aecda88 Osaka	192.168.1.0/24
I2d12a6dd8774f6	I2d12a6dd8774f6	Available	vpc-034daae0d1aecda88 Osaka	192.168.1.0/24

Screenshot of the AWS VPC Management Console showing the deletion of a subnet.

The top section shows the "Delete subnets" dialog box, which lists the subnet to be deleted:

Name	Subnet ID	State	VPC ID
Private Zone1	subnet-07eda18321553b24c	Available	vpc-034daae0d1aecda...

To confirm deletion, type `delete` in the field:

`delete`

Buttons: Cancel, Delete

The bottom section shows the successful deletion confirmation message:

You have successfully deleted subnet-07eda18321553b24c

The Subnets list now shows the remaining subnets:

Name	State	VPC	IPv4 CIDR
c6515a9e	Available	vpc-052b7fb3fd41f4d8f	172.31.1.0/24
8c83bf29	Available	vpc-052b7fb3fd41f4d8f	172.31.2.0/24
5997f0ed	Available	vpc-034daae0d1aecda88 Osaka	192.168.1.0/24
dd8774fg	Available	vpc-034daae0d1aecda88 Osaka	192.168.2.0/24

Screenshot of the AWS VPC Management Console showing the deletion of a subnet.

The top section shows the "Delete subnets" dialog box, which lists the subnet to be deleted:

Name	Subnet ID	State	VPC ID
Public Zone2	subnet-0aad0eb295997f0ed	Available	vpc-034daae0d1aecda...

To confirm deletion, type `delete` in the field:

`delete`

Buttons: Cancel, Delete

The bottom section shows the successful deletion confirmation message:

You have successfully deleted subnet-0aad0eb295997f0ed

The Subnets table now shows the remaining subnets:

Name	State	VPC	IPv4 CIDR
Private Zone2	Available	vpc-052b7fb3fd41f4d8f	172.31.192.168.0/24
Private Zone2	Available	vpc-052b7fb3fd41f4d8f	172.31.192.168.0/24
Private Zone2	Available	vpc-052b7fb3fd41f4d8f	172.31.192.168.0/24
Private Zone2	Available	vpc-052b7fb3fd41f4d8f	192.168.1.0/24

Screenshot of the AWS VPC Management Console showing the deletion of a subnet.

The top section shows the Subnets page with a modal dialog titled "Delete subnets". The modal displays the following information:

Name	Subnet ID	State	VPC ID
Private Zone2	subnet-0fd2d12a6dd8774f6	Available	vpc-034daae0d1aecda...

The message in the modal states: "The following subnets will be deleted permanently and cannot be recovered later." Below the table is a text input field containing "delete". At the bottom right of the modal are "Cancel" and "Delete" buttons.

The bottom section shows the Subnets page after the deletion, with a green success message: "You have successfully deleted subnet-0fd2d12a6dd8774f6". The table now lists three subnets:

Name	Subnet ID	State	VPC ID	IPv4 CIDR
-	subnet-071b1301aac9de21a	Available	vpc-052b7fb3fd41f4d8f	172.31.0.0/16
-	subnet-06190146bc6515a9e	Available	vpc-052b7fb3fd41f4d8f	172.31.32.0/16
-	subnet-01630e4db8c83bf29	Available	vpc-052b7fb3fd41f4d8f	172.31.16.0/16

Your VPCs (1/2) Info

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
-	vpc-052b7fb3fd41f4d8f	Available	172.31.0.0/16	-
Osaka-VPC	vpc-034daae0d1aecda88	Available	192.168.111.0/24	-

Details

VPC ID vpc-034daae0d1aecda88	State Available	DNS hostnames Disabled	DNS resolution Enabled
Tenancy Default	DHCP option set dopt-04d7221915c72ca92	Main route table rtb-0bf0c0f9eb25e8260	Main network ACL acl-06b2c706c1460db14

Actions

- Create VPC
- Actions
- Details
- Resource map
- CIDRs
- Flow logs
- Tags
- Integrations

Osaka-VPC

CIDRs	Flow logs	Tags	Integrations
172.31.0.0/16			
192.168.111.0/24			

Details

VPC ID vpc-034daae0d1aecda88	State Available	DNS hostnames Disabled	DNS resolution Enabled
Tenancy Default	DHCP option set dopt-04d7221915c72ca92	Main route table rtb-0bf0c0f9eb25e8260	Main network ACL acl-06b2c706c1460db14

Actions

- Create VPC
- Actions
- Details
- Resource map
- CIDRs
- Flow logs
- Tags
- Integrations

Screenshot of the AWS VPC Console showing the deletion of a VPC.

The screenshot shows two browser windows side-by-side, both displaying the AWS VPC Dashboard.

Top Window (Delete VPC Confirmation):

- Delete VPC** dialog box is open.
- Will be deleted:** Osaka-VPC (VPC ID: vpc-034daae0d1aecda88, State: Available).
- Will also be deleted:** sg-06770138be1e47887 (Resource ID).
- To confirm deletion, type **delete** in the field.
- Buttons: Cancel (blue) and Delete (orange).

Bottom Window (Success Message):

- Success message:** You successfully deleted vpc-034daae0d1aecda88 / Osaka-VPC and 1 other resources.
- Your VPCs (1) Info:** Osaka-VPC (VPC ID: vpc-052b7fb3fd41f4d8f, State: Available, IPv4 CIDR: 172.31.0.0/16).
- vpc-034daae0d1aecda88 / Osaka-VPC Details:**
 - VPC ID: vpc-034daae0d1aecda88
 - State: Available
 - Tenancy: Default
 - DNS hostnames: Disabled
 - DNS resolution: Enabled
 - DHCP option set: Main route table
 - Main network ACL: Main network ACL

Both windows show the same URL: ap-northeast-3.console.aws.amazon.com/vpcconsole/home?region=ap-northeast-3#vpcs

The screenshot shows two separate AWS browser sessions side-by-side.

Top Session (ap-northeast-3.console.aws.amazon.com):

- VPC dashboard:** Shows a table of VPCs. One VPC is listed:

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
vpc-052b7fb3fd41f4d8f	Available	172.31.0.0/16	-	-
- vpc-034daae0d1aecda88 / Osaka-VPC Details:** Shows the following details:

VPC ID	State	DNS hostnames	DNS resolution
vpc-034daae0d1aecda88	Available	Disabled	Enabled

Bottom Session (ap-northeast-1.console.aws.amazon.com):

- Internet gateways:** Shows a table of Internet gateways. One gateway is listed:

Name	Internet gateway ID	State	VPC ID
igw-02e1d37e80b69dc04	Attached	vpc-0a67c0ae2c20b8336	-
- igw-0584a89fb5ccc1a64 / Tokyo Internet Gateway Details:** Shows the following details:

Internet gateway ID	State	VPC ID	Owner
igw-0584a89fb5ccc1a64	Detached	-	471112916582

igws | VPC Console

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

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AWS Services Search [Alt+S]

Virtual private cloud

- Your VPCs
- Subnets
- Route tables
- Internet gateways**
- Egress-only internet gateways
- Carrier gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints
- Endpoint services
- NAT gateways
- Peering connections

Internet gateways (1) Info

Name	Internet gateway ID	State	VPC ID
-	igw-02e1d37e80b69dc04	Attached	vpc-0a67c0ae2c20b8336

Select an internet gateway above

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RouteTables | VPC Console

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

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AWS Services Search [Alt+S]

Virtual private cloud

- Your VPCs
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- Carrier gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints
- Endpoint services
- NAT gateways
- Peering connections

Route tables (2) Info

Name	Route table ID	Explicit subnet assoc...	Edge associations	Main	VPC
-	rtb-0761a957758d593d9	-	-	Yes	vp
-	rtb-0c86db09a61c8fa22	-	-	Yes	vp

Select a route table

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subnets | VPC Console

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

Subnets (1/5) Info

Name	Subnet ID	State	VPC	IPv4 CIDR
TokyoPublic2	t-0117fb5a0aca35b1	Available	vpc-0c30b8662a68453fc Tokyo...	150.250.0
TokyoPrivate2	t-0c1ee79f66bbab884	Available	vpc-0c30b8662a68453fc Tokyo...	150.250.0
-	t-0a21878c98a0dfb33	Available	vpc-0a67c0ae2c20b8336	172.31.0.0
-	t-07407732ea1d06b22	Available	vpc-0a67c0ae2c20b8336	172.31.32
-	t-ofc628af60d942da8	Available	vpc-0a67c0ae2c20b8336	172.31.16

Actions | **Create subnet**

subnet-0117fb5a00ac

Details | **Flow logs** | **Delete subnet** | **ACL** | **CIDR reservations** | **Sharing** | **Tags**

CloudShell | **Feedback**

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subnets | VPC Console

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

Delete subnets

⚠ Some subnets cannot be deleted
0 out of 1 subnets can be deleted. To delete the remaining 1 subnets, first make the following changes. You can refresh each section when you are done.

⚠ Subnets have instances and cannot be deleted. [Instances](#)
The following subnets contain one or more instances, and cannot be deleted until those instances have been terminated.

Name	Subnet ID	State	VPC ID
TokyoPublic2	subnet-0117fb5a0aca...	Available	vpc-0c30b8662a6845...

⚠ Subnets have network interfaces and cannot be deleted. [Network interfaces](#)
The following subnets contain one or more network interfaces, and cannot be deleted until those network interfaces have been deleted.

Name	Subnet ID	State	VPC ID
------	-----------	-------	--------

Cancel | **Delete**

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vpc | VPC Console

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

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Services Search [Alt+S]

VPC dashboard

EC2 Global View Filter by VPC: Select a VPC

Virtual private cloud Your VPCs Subnets Route tables Internet gateways Egress-only internet gateways Carrier gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints

Your VPCs (1/2) Info

Name VPC ID State IPv4 CIDR IPv6 CIDR

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
-	vpc-0a67cae2c20b8336	Available	172.31.0.0/16	-
Tokyo VPC	vpc-0c30b8662a68453fc	Available	150.250.0.0/18	-

Create VPC Actions Create VPC

Tokyo VPC

CIDRs Flow logs Tags Integrations

Manage middlebox routes Manage tags Delete VPC

VPC ID: vpc-0c30b8662a68453fc State: Available DNS hostnames: Disabled DNS resolution: Enabled

Tenancy: Default DHCP option set: dopt-08a4a59e9adrc4b4c0 Main route table: rtb-0r86db09a61-8fa22 Main network ACL: acl-09279a3e97d1bf60d3

CloudShell Feedback

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vpc | VPC Console

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

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VPC dashboard

EC2 Global View Filter by VPC: Select a VPC

Virtual private cloud Your VPCs Subnets Route tables Internet gateways Egress-only internet gateways Carrier gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints

Your VPCs (1/2)

Delete VPC

Will be deleted This VPC will be deleted permanently and cannot be recovered later:

Name	VPC ID	State
Tokyo VPC	vpc-0c30b8662a68453fc	Available

Will also be deleted The following 2 resources will also be deleted permanently and cannot be recovered later:

Name	Resource ID	State
-	sg-07d2a367d78f7c0ec	-
TokyoPublic2	subnet-0117fb5a00aca35b1	Available

To confirm deletion, type delete in the field:

Cancel Delete

CloudShell Feedback

29°C Partly cloudy

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vpcs | VPC Console

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

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AWS Services Search [Alt+S]

VPC dashboard

You successfully deleted vpc-0c30b8662a68453fc / Tokyo VPC and 2 other resources.

Your VPCs (1) info

Name: - VPC ID: vpc-0a67c0ae2c20b8336 State: Available Last updated less than a minute ago Actions Create VPC

vpc-0c30b8662a68453fc / Tokyo VPC

Details Resource map CIDs Flow logs Tags Integrations

Details

VPC ID: vpc-0c30b8662a68453fc	State: Available	DNS hostnames: Disabled	DNS resolution: Enabled
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CloudShell Feedback

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The screenshot shows the AWS VPC console interface. The left sidebar has sections for EC2 Global View, Filter by VPC, Virtual private cloud (with Your VPCs, Subnets, Route tables, Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, Elastic IPs, Managed prefix lists), Endpoints, CloudShell, and Feedback. The main area displays 'Your VPCs (1) info' with a table:

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
-	vpc-0a67c0ae2c20b8356	Available	172.31.0.0/16	-

Below the table, it says 'Select a VPC above'. The bottom navigation bar includes CloudShell, Feedback, © 2024, Amazon Web Services, Inc. or its affiliates., Privacy, Terms, Cookie preferences, 29°C Partly cloudy, and system status.

Completely Delete All

END-----