Console Home Info

Reset to default layout | + Add widgets

Recently visited Info

- Billing and Cost Management
- IAM
- Cognito
- S3
- EC2
- Aurora and RDS
- AWS Health Dashboard

View all services

Applications (0) Info

Create application

Region: Asia Pacific (Singapore)

Select Region
ap-southeast-1 (Current Region) ▼ | Q Find applications

< 1 >

Name	▽	Description	▽	Region	▽	O	★ ▲

No applications
Get started by creating an application.

Create application

Go to myApplications

Amazon Q [Free Tier]

Hello! I'm Amazon Q, your AWS generative AI assistant.

- 💬 Chatting about your resources
- 💡 Understanding your costs
- 🛡 Analyzing network troubleshooting
- 🔍 Investigating operational issues (preview)
- ⧉ Using third party plugins

Ask me anything about AWS ➤

Max 1000 characters

Amazon Q Developer uses generative AI. You may need to verify responses. See the AWS Responsible AI Policy. ↗

Welcome to AWS

Getting started with AWS...

AWS Health Info

Open issues

Cost and usage Info

Current month costs

Cost ($)

Scanned with OKEN Scanner

VPC dashboard

EC2 Global View [↗]

Filter by VPC ▼

▼ **Virtual private cloud**

Your VPCs

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

NAT gateways

Peering connections

▼ **Security**

Network ACLs

Security groups

▼ **PrivateLink and Lattice**

Create VPC   **Launch EC2 Instances**

Note: Your instances will launch in the Asia Pacific region.

Resources by Region

You are using the following Amazon VPC resources

⟳ **Refresh Resources**

VPCs	Asia Pacific 1	**NAT Gateways**	Asia Pacific 0
▶ See all regions		▶ See all regions	

Subnets	Asia Pacific 3	**VPC Peering Connections**	Asia Pacific 0
▶ See all regions		▶ See all regions	

Route Tables	Asia Pacific 1	**Network ACLs**	Asia Pacific 1
▶ See all regions		▶ See all regions	

Internet Gateways	Asia Pacific 1	**Security Groups**	Asia Pacific 1
▶ See all regions		▶ See all regions	

Egress-only Internet Gateways	Asia Pacific 0	**Customer Gateways**	Asia Pacific 0
▶ See all regions		▶ See all regions	

Service Health

View complete service health details [↗]

Settings

Block Public Access

Zones

Console Experiments

Additional Information [↗]

VPC Documentation

All VPC Resources

Forums

Report an Issue

AWS Network

Amazon Q [Free Tier] ⋮ ›

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🔍 Investigating operational issues (preview)

⇄ Using third party plugins

Ask me anything about AWS ➤

Max 1000 characters

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Create VPC Info

A VPC is an isolated portion of the AWS Cloud populated by AWS objects, such as Amazon EC2 instances. Mouse over a resource to highlight the related resources.

VPC settings

Resources to create Info
Create only the VPC resource or the VPC and other networking resources.

( ) VPC only   (●) VPC and more

Name tag auto-generation Info
Enter a value for the Name tag. This value will be used to auto-generate Name tags for all resources in the VPC.

[✓] Auto-generate

mysecureVPC

IPv4 CIDR block Info
Determine the starting IP and the size of your VPC using CIDR notation.

10.0.0.0/16   65,536 IPs

CIDR block size must be between /16 and /28.

IPv6 CIDR block Info
(●) No IPv6 CIDR block
( ) Amazon-provided IPv6 CIDR block

Tenancy Info
Default

Preview

VPC Show details
Your AWS virtual network

mysecureVPC-vpc

Subnets (4)
Subnets within this VPC

ap-southeast-1a
(A) mysecureVPC-subnet-publi
(A) mysecureVPC-subnet-priva

ap-southeast-1b
(B) mysecureVPC-subnet-publi
(B) mysecureVPC-subnet-priva

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⧉ Using third party plugins

Ask me anything about AWS

Max 1000 characters

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vpc-014c96ad6cf9c475f / mysecureVPC-vpc

Actions ▼

Details Info

VPC ID
📋 vpc-014c96ad6cf9c475f

State
⊘ Available

Block Public Access
⊖ Off

DNS hostnames
Enabled

DNS resolution
Enabled

Tenancy
default

DHCP option set
dopt-0d8eafa8dfa464ea6

Main route table
rtb-01c320f1420512713

Main network ACL
acl-01ca1c1622d06936b

Default VPC
No

IPv4 CIDR
10.0.0.0/16

IPv6 pool
–

IPv6 CIDR (Network border group)
–

Network Address Usage metrics
Disabled

Route 53 Resolver DNS Firewall rule groups
–

Owner ID
📋 982081048967

Resource map | CIDRs | Flow logs | Tags | Integrations

Resource map Info

VPC Show details
Your AWS virtual network

mysecureVPC-vpc

Subnets (4)
Subnets within this VPC

ap-southeast-1a

Route tables (
Route network traffi

mysecureVPC-rtb

VPC dashboard

EC2 Global View ↗

Filter by VPC ▼

Virtual private cloud
Your VPCs
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Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
NAT gateways
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Network ACLs
Security groups

PrivateLink and Lattice
Getting started Updated

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🔍 Investigating operational issues (preview)

⚙ Using third party plugins

Ask me anything about AWS ▷

Max 1000 characters

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VPC dashboard ‹

EC2 Global View ↗

Filter by VPC ▼

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PrivateLink and Lattice

Subnets (3) Info

Last updated 2 minutes ago

Actions ▼   **Create subnet**

	Name	Subnet ID	State	VPC
☐	–	subnet-04a296629312378ee	⊘ Available	vpc-0bec860279b14e205
☐	–	subnet-0657a8b9646190e00	⊘ Available	vpc-0bec860279b14e205
☐	–	subnet-083666a98b55aa829	⊘ Available	vpc-0bec860279b14e205

‹ 1 ›

Select a subnet

Amazon Q Free Tier

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💡 Understanding your costs

🛡 Analyzing network troubleshooting

🔍 Investigating operational issues (preview)

Using third party plugins

Ask me anything about AWS ➤

Max 1000 characters

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

publicsubnet1

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 (Singapore) / ap-southeast-1a ▼

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.

10.0.0.0/16 ▼

IPv4 subnet CIDR block

10.0.1.0/24   256 IPs

‹ › ^ ⌄

▼ **Tags - *optional***

Key   **Value - *optional***

🔍 Name   ✕   🔍 publicsubnet1   ✕   (Remove)

(Add new tag)
You can add 49 more tags.

Remove

Amazon Q `Free Tier`   ⋮ ›

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💡 Understanding your costs

🛡 Analyzing network troubleshooting

🔍 Investigating operational issues (preview)

🔌 Using third party plugins

Ask me anything about AWS   ➤

Max 1000 characters

Amazon Q Developer uses generative AI. You may need to verify responses. See the AWS Responsible AI Policy. ↗

Amazon Q Free Tier

Subnet 1 of 1

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

privatesubnet1

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 (Singapore) / ap-southeast-1a ▼

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.

10.0.0.0/16 ▼

IPv4 subnet CIDR block

10.0.101.0/24   256 IPs

‹ › ^ ⌄

▼ **Tags - optional**

Key   **Value - optional**

🔍 Name   ✕   🔍 privatesubnet1   ✕   (Remove)

(Add new tag)

You can add 49 more tags.

(Remove)

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💡 Understanding your costs

🛡️ Analyzing network troubleshooting

🔍 Investigating operational issues (preview)

♋ Using third party plugins

Ask me anything about AWS ➤

Max 1000 characters

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VPC dashboard <

EC2 Global View ↗

Filter by VPC ▼

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PrivateLink and Lattice

Getting started Updated

✓ You have successfully created 1 subnet: subnet-06bbf2e71d5c228fc   ✕

Subnets (1) Info

Last updated less than a minute ago

Actions ▼   **Create subnet**

🔍 Find subnets by attribute or tag

Subnet ID : subnet-06bbf2e71d5c228fc   ✕   Clear filters   ‹ 1 › ⚙

☐	Name	▽	Subnet ID	▽	State	▽	VPC
☐	privatesubnet1		subnet-06bbf2e71d5c228fc		✓ Available		vpc-014c96ad6cf9c475f | mys

Select a subnet

Amazon Q Free Tier ⋮ ›

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💬 Chatting about your resources

💡 Understanding your costs

🛡 Analyzing network troubleshooting

🔍 Investigating operational issues (preview)

⚙ Using third party plugins

Ask me anything about AWS ➤

Max 1000 characters

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VPC dashboard

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PrivateLink and Lattice

⊘ You have successfully updated subnet associations for rtb-0caddeac6285b5bc6 / privateRT.

rtb-0caddeac6285b5bc6 / privateRT

Actions ▼

Details Info

Route table ID
rtb-0caddeac6285b5bc6

Main
No

Explicit subnet associations
subnet-06bbf2e71d5c228fc / privatesubnet1

Edge associations
–

VPC
vpc-014c96ad6cf9c475f | mysecureVPC-vpc

Owner ID
982081048967

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

Routes (1)

Both ▼   Edit routes

Filter routes

< 1 > ⚙

Destination	Target	Status	Propagated
10.0.0.0/16	local	⊘ Active	No

Amazon Q Free Tier

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💬 Chatting about your resources

💡 Understanding your costs

🛡 Analyzing network troubleshooting

🔍 Investigating operational issues (preview)

Using third party plugins

Ask me anything about AWS

Max 1000 characters

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Scanned with OKEN Scanner

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (1/6)

Q Filter subnet associations

< 1 > ⚙

	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR
☐	mysecureVPC-subnet-private1-ap-s...	subnet-07dacb72611354650	10.0.128.0/20	–
☐	mysecureVPC-subnet-public2-ap-so...	subnet-07384ef7534bea76e	10.0.16.0/20	–
☐	mysecureVPC-subnet-public1-ap-so...	subnet-0f5be270f8ea194c4	10.0.0.0/20	–
☑	publicsubnet1	subnet-023e7e2878dde3acb	10.0.100.0/24	–
☐	mysecureVPC-subnet-private2-ap-s...	subnet-09ae5c3572bc3ec43	10.0.144.0/20	–
☐	privatesubnet1	subnet-06bbf2e71d5c228fc	10.0.101.0/24	–

Selected subnets

subnet-023e7e2878dde3acb / publicsubnet1 ✕

Cancel   Save associations

Amazon Q Free Tier

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💬 Chatting about your resources

💡 Understanding your costs

ⓘ Analyzing network troubleshooting

🔍 Investigating operational issues (preview)

⚙ Using third party plugins

Ask me anything about AWS

Max 1000 characters

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Edit subnet associations
Change which subnets are associated with this route table.

Available subnets (1/6)

Q Filter subnet associations

< 1 > ⚙

	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	
☐	mysecureVPC-subnet-private1-ap-s...	subnet-07dacb72611354650	10.0.128.0/20	–	
☐	mysecureVPC-subnet-public2-ap-so...	subnet-07384ef7534bea76e	10.0.16.0/20	–	
☐	mysecureVPC-subnet-public1-ap-so...	subnet-0f5be270f8ea194c4	10.0.0.0/20	–	
☐	publicsubnet1	subnet-023e7e2878dde3acb	10.0.100.0/24	–	
☐	mysecureVPC-subnet-private2-ap-s...	subnet-09ae5c3572bc3ec43	10.0.144.0/20	–	
☑	privatesubnet1	subnet-06bbf2e71d5c228fc	10.0.101.0/24	–	

Selected subnets

subnet-06bbf2e71d5c228fc / privatesubnet1 ✕

Cancel   Save associations

Amazon Q Free Tier

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💬 Chatting about your resources

♀ Understanding your costs

🛡 Analyzing network troubleshooting

🔍 Investigating operational issues (preview)

⚡ Using third party plugins

Ask me anything about AWS ➤

Max 1000 characters

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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.

| myIGW |

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**

| 🔍 Name   ✕ | | 🔍 myIGW   ✕ | (Remove)

(Add new tag)

You can add 49 more tags.

Cancel   **Create internet gateway**

Amazon Q `Free Tier`   ⋮ ›

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💡 Understanding your costs

🛡 Analyzing network troubleshooting

🔍 Investigating operational issues (preview)

🔗 Using third party plugins

Ask me anything about AWS ➤

Max 1000 characters

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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
- Volumes
- Snapshots
- Lifecycle Manager

Instances (2) Info

Last updated 7 minutes ago

Connect | Instance state ▼ | Actions ▼ | **Launch instances** ▼

Find Instance by attribute or tag (case-sensitive)

All states ▼

< 1 >

	Name ✏	▽	Instance ID	Instance state	▽	Instance type	▽	Status check	Alarm status	Availability Zone	▽	Public IP
☐	BastionHost		i-0fc331c4b789afa38	⊘ Running 🔍 🔍		t2.micro		⊘ 2/2 checks passec	View alarms +	ap-southeast-1a		ec2-54-2!
☐	webserverpriv...		i-0091cce3737176a75	⊘ Running 🔍 🔍		t2.micro		⊘ 2/2 checks passec	View alarms +	ap-southeast-1a		–

Select an instance

Connect Info

Connect to an instance using the browser-based client.

| **EC2 Instance Connect** | Session Manager | SSH client | EC2 serial console |

Instance ID
▢ i-0fc331c4b789afa38 (BastionHost)

⦿ **Connect using a Public IP**
Connect using a public IPv4 or IPv6 address

◯ **Connect using a Private IP**
Connect using a private IP address and a VPC endpoint

⦿ **Public IPv4 address**
▢ 54.254.131.166

◯ **IPv6 address**
—

Username
Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ec2-user.

Q ec2-user   ✕

ⓘ **Note:** In most cases, the default username, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

Cancel   **Connect**

aws   Q   Search

EC2 Instance Connect

```
ssh -i kamran-key.pem ec2-user@ec2-
54-254-131-166.ap.southeast-1.compute.
amazonaws.com

[ec2-user@ip-10-0-1-100 ~]$
```

aws

Q Search

EC2 Instance Connect

[ec2-user@ip-10-0-1-100
ssh -i kamran-key.pem 10.0..102

```
[ec2-user@ip-10-0-101-252 ec2-user@10.0.101.252
```