s3.console.aws.amazon.com/s3/get-started?region=ap-southeast-2

Gmail | YouTube | Maps | AWS Management... | GitHub | Cloud Intern Task 2...

aws | Services | Q Search [Alt+S]

Global ▾

IAM | EC2 | S3

Storage

Amazon S3

Store and retrieve any amount of data from anywhere

Amazon S3 is an object storage service that offers industry-leading scalability, data availability, security, and performance.

How it works

Introduction to Amazon S3

Copy link

aws

Create a bucket

Every object in S3 is stored in a bucket. To upload files and folders to S3, you'll need to create a bucket where the objects will be stored.

Create bucket

Pricing

With S3, there are no minimum fees. You only pay for what you use. Prices are based on the location of your S3 bucket.

Estimate your monthly bill using the **AWS Simple Monthly Calculator** ↗

View pricing details ↗

CloudShell | Feedback | Language

Privacy | Terms | Cookie preferences

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ENG
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07:40
16-07-2023

s3.console.aws.amazon.com/s3/bucket/create?region=ap-southeast-2

Gmail   YouTube   Maps   AWS Management...   GitHub   Cloud Intern Task 2...

00:01:12

aws   Services   Q Search   [Alt+S]   Global ▼

IAM   EC2   S3

Amazon S3 > Buckets > Create bucket

Create bucket Info

Buckets are containers for data stored in S3. Learn more 🗗

General configuration

Bucket name

ss-bucket-2001

Bucket name must be unique within the global namespace and follow the bucket naming rules. See rules for bucket naming 🗗

AWS Region

Asia Pacific (Sydney) ap-southeast-2 ▼

Copy settings from existing bucket - *optional*
Only the bucket settings in the following configuration are copied.

Choose bucket

Object Ownership Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

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16-07-2023

S3 Management Console

s3.console.aws.amazon.com/s3/upload/ss-bucket-2001?region=ap-southeast-2

Gmail   YouTube   Maps   AWS Management...   GitHub   Cloud Intern Task 2...

aws   Services   Q Search   [Alt+S]   Global ▼

IAM   EC2   S3

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (2 Total, 552.0 B)

Remove   **Add files**   **Add folder**

All files and folders in this table will be uploaded.

Q Find by name   < 1 >

☐	Name ▲	Folder ▽	Type ▽	Size ▽
☐	error.html	-	text/html	339.0 B
☐	index.html	-	text/html	213.0 B

Destination

Destination

s3://ss-bucket-2001

▶ **Destination details**
Bucket settings that impact new objects stored in the specified destination.

▶ **Permissions**
Grant public access and access to other AWS accounts.

s3.console.aws.amazon.com/s3/upload/ss-bucket-2001?region=ap-southeast-2

Gmail YouTube Maps AWS Management... GitHub Cloud Intern Task 2...

aws Services Q Search   [Alt+S]   Global ▼

IAM EC2 S3

✓ **Upload succeeded**
View details below.

Summary

Destination	Succeeded	Failed
s3://ss-bucket-2001	✓ 2 files, 552.0 B (100.00%)	⊙ 0 files, 0 B (0%)

Files and folders   **Configuration**

Files and folders (2 Total, 552.0 B)

Q Find by name   < 1 >

Name ▲	Folder ▽	Type ▽	Size ▽	Status ▽	Error ▽
error.html	-	text/html	339.0 B	✓ Succeeded	-
index.html	-	text/html	213.0 B	✓ Succeeded	-

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s3.console.aws.amazon.com/s3/buckets/ss-bucket-2001?region=ap-southeast-2&tab=properties

Gmail   YouTube   Maps   AWS Management...   GitHub   Cloud Intern Task 2...

aws   Services   Q Search   [Alt+S]   Global ▼

IAM   EC2   S3

Amazon S3   ✕

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▶ AWS Marketplace for S3

Store objects using a write-once-read-many (WORM) model to help you prevent objects from being deleted or overwritten for a fixed amount of time or indefinitely. Learn more ↗

Object Lock

Disabled

ⓘ Amazon S3 currently does not support enabling Object Lock after a bucket has been created. To enable Object Lock for this bucket, contact **Customer Support** ↗

Requester pays   Edit

When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. **Learn more** ↗

Requester pays

Disabled

Static website hosting   Edit

Use this bucket to host a website or redirect requests. **Learn more** ↗

Static website hosting

Disabled

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ss-bucket-2001 - S3 bucket

s3.console.aws.amazon.com/s3/bucket/ss-bucket-2001/property/website/edit?region=ap-southeast-2

Gmail   YouTube   Maps   AWS Management...   GitHub   Cloud Intern Task 2...

aws   Services   Q Search   [Alt+S]   Global ▼

IAM   EC2   S3

00:02:16

Amazon S3   ✕

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Amazon S3 > Buckets > ss-bucket-2001 > **Edit static website hosting**

Edit static website hosting Info

Static website hosting

Use this bucket to host a website or redirect requests. **Learn more** 🗗

Static website hosting

○ Disable

◉ Enable

Hosting type

◉ Host a static website
Use the bucket endpoint as the web address. **Learn more** 🗗

○ Redirect requests for an object
Redirect requests to another bucket or domain. **Learn more** 🗗

ⓘ For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see
Using Amazon S3 Block Public Access 🗗

Index document
Specify the home or default page of the website.

index.html

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16-07-2023

ss-bucket-2001 - S3 bucket

s3.console.aws.amazon.com/s3/bucket/ss-bucket-2001/property/website/edit?region=ap-southeast-2

M Gmail   ▶ YouTube   📍 Maps   ☁ AWS Management...   ● GitHub   ▤ Cloud Intern Task 2...

aws   ⦙⦙⦙ Services   Q Search   [Alt+S]   ⟫   △   ?   Global ▾

🔲 IAM   🔶 EC2   🪣 S3

Amazon S3   ✕

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ⓘ For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see
Using Amazon S3 Block Public Access ⎘

Index document
Specify the home or default page of the website.

```
index.html
```

Error document - *optional*
This is returned when an error occurs.

```
error.html
```

Redirection rules – *optional*
Redirection rules, written in JSON, automatically redirect webpage requests for specific content. **Learn more** ⎘

```
1  |
```

ss-bucket-2001 - S3 bucket

s3.console.aws.amazon.com/s3/buckets/ss-bucket-2001?region=ap-southeast-2&tab=properties

Gmail   YouTube   Maps   AWS Management...   GitHub   Cloud Intern Task 2...

aws   Services   Q Search   [Alt+S]   Global ▾

IAM   EC2   S3

Amazon S3   ✕

✓ Successfully edited static website hosting.   ✕

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Requester pays   [Edit]

When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. **Learn more** ⬈

Requester pays

Disabled

Static website hosting   [Edit]

Use this bucket to host a website or redirect requests. **Learn more** ⬈

Static website hosting

Enabled

Hosting type

Bucket hosting

Bucket website endpoint

When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. **Learn more** ⬈

▢ **http://ss-bucket-2001.s3-website-ap-southeast-2.amazonaws.com** ⬈

403 Forbidden

- Code: AccessDenied
- Message: Access Denied
- RequestId: RGGTDEXQYTJ60R7K
- HostId: I3upXt9SCXe1cl/goo5oxVS95Eu43eX/lytq6llqjFQ2bV1T98u0a34aGCUaeEhCw7GD5aJ6Zgo=

An Error Occurred While Attempting to Retrieve a Custom Error Document

- Code: AccessDenied
- Message: Access Denied

aws ⠿ Services 🔍 Search [Alt+S] Global ▾

IAM EC2 S3

Amazon S3 ✕

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ss-bucket-2001 Info

| Objects | Properties | **Permissions** | Metrics | Management | Access Points |

Permissions overview

Access
Bucket and objects not public

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. **Learn more** 🗗

Edit

Block *all* public access
⊘ On

▶ **Individual Block Public Access settings for this bucket**

s3.console.aws.amazon.com/s3/bucket/ss-bucket-2001/property/bpa/edit?region=ap-southeast-2

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aws   Services   Q Search   [Alt+S]   Global ▾

IAM   EC2   S3

Amazon S3   ✕

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Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. **Learn more** ⬈

☐ **Block *all* public access**
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

   ☐ **Block public access to buckets and objects granted through *new* access control lists (ACLs)**
   S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

   ☐ **Block public access to buckets and objects granted through *any* access control lists (ACLs)**
   S3 will ignore all ACLs that grant public access to buckets and objects.

   ☐ **Block public access to buckets and objects granted through *new* public bucket or access point policies**
   S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

   ☐ **Block public and cross-account access to buckets and objects through *any* public bucket or access point policies**
   S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

Cancel   Save changes

s3.console.aws.amazon.com/s3/bucket/ss-bucket-2001/property/bpa/edit?region=ap-southeast-2

Gmail   YouTube   Maps   AWS Management...   GitHub   Cloud Intern Task 2...

00:03:37

Amazon S3 > Buckets > ss-bucket-2001 > Edit Block public access (bucket settings)

Edit Block public access (bucket settings) Info

Amazon S3   X

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► AWS Marketplace for S3

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize

---

Edit Block public access (bucket settings)   ✕

⚠ Updating the Block Public Access settings for this bucket will affect this bucket and all objects within. This may result in some objects becoming public.

To confirm the settings, enter *confirm* in the field.

| confirm |

Cancel   **Confirm**

☐ Block *all* public

☐ Block public
S3 will ignore

☐ Block public
S3 will block

☐ Block public and cross-account access to buckets and objects through *any* public bucket or access point policies
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

Cancel   Save changes

27°C
Mostly cloudy   Q Search

ENG
IN   07:52
16-07-2023

Gmail   YouTube   Maps   AWS Management...   GitHub   Cloud Intern Task 2...

aws   Services   Q Search   [Alt+S]   Global ▼

IAM   EC2   S3

Amazon S3   ✕

⊘ Successfully edited Block Public Access settings for this bucket.   ✕

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Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. Learn more ⤤

Edit

Block *all* public access
⚠ Off

▶ Individual Block Public Access settings for this bucket

Bucket policy   Edit   Delete

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. Learn more ⤤

No policy to display.   Copy

27°C Mostly cloudy   Q Search   ENG IN   07:52 16-07-2023

s3.console.aws.amazon.com/s3/bucket/ss-bucket-2001/property/policy/edit?region=ap-southeast-2

Gmail   YouTube   Maps   AWS Management...   GitHub   Cloud Intern Task 2...

00:06:25

aws   Services   Q Search   [Alt+S]   Global ▼

IAM   EC2   S3

Amazon S3   ✕

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▶ AWS Marketplace for S3

Amazon S3 ＞ Buckets ＞ ss-bucket-2001 ＞ Edit bucket policy

Edit bucket policy Info

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. Learn more ☑

[**Policy examples** ☑]   [**Policy generator** ☑]

Bucket ARN

⧉ arn:aws:s3:::ss-bucket-2001

Policy

```
 1  {
 2    "Version": "2012-10-17",
 3    "Statement": [
 4      {
 5        "Sid": "AllowPublicAccesstoObjects",
 6        "Effect": "Allow",
 7        "Principal": "*",
 8        "Action": "s3:GetObject",
 9        "Resource": "arn:aws:s3:::ss-bucket-2001/*"
10      }
11    ]
12  }
```

Edit statement   Remove
AllowPublicAccesstoObjects

Add actions

Choose a service

Q Filter services

Included

S3

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ENG
IN

07:55
16-07-2023

Congraulations, you've lauched a static website on Amazon S3

Error: this is an error page generated on Amazon S3

This is a error page S3

this is not soo easy S3

hello every one please get the program without errors S3

VPC settings

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

- ● VPC only
- ○ VPC and more

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

```
my-vpc
```

IPv4 CIDR block Info
- ● IPv4 CIDR manual input
- ○ IPAM-allocated IPv4 CIDR block

IPv4 CIDR
```
10.0.0.0/16
```

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

Tenancy Info
```
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

aws   Services   Q Search   [Alt+S]   Sydn...

IAM   EC2   S3   VPC

✓ You successfully created vpc-0927c16adb75bd921 / my-vpc   ✕

ⓘ

VPC dashboard   ✕

EC2 Global View ↗ New

Filter by VPC:

Select a VPC ▼

▼ **Virtual private cloud**

Your VPCs New

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

▼ **Security**

Network ACLs

Security groups

VPC > Your VPCs > vpc-0927c16adb75bd921

vpc-0927c16adb75bd921 / my-vpc

Actions ▼

Details Info

VPC ID	State	DNS hostnames	DNS resolution
☐ vpc-0927c16adb75bd921	✓ Available	Disabled	Enabled

Tenancy	DHCP option set	Main route table	Main network ACL
Default	dopt-05b811176e2efa7e0	rtb-06c2d5efc8da48e24	acl-051be65ec950527fe

Default VPC	IPv4 CIDR	IPv6 pool	IPv6 CIDR (Network border group)
No	10.0.0.0/16	–	–

Network Address Usage metrics	Route 53 Resolver DNS Firewall rule groups	Owner ID	
Disabled	–	☐ 238443730399	

Resource map New   CIDRs   Flow logs   Tags

Resource map Info

VPC **Show details**	Subnets (0)	Route tables (1)	Network connections (0)
Your AWS virtual network	Subnets within this VPC	Route network traffic to resources	Connections to other networks
my-vpc		rtb-06c2d5efc8da48e24	

ap-southeast-2.console.aws.amazon.com/vpc/home?region=ap-southeast-2#CreateSubnet:

aws   ▦ Services   Q Search   [Alt+S]   ⊡   ⬡   ⑦   Sydn

IAM   EC2   S3   VPC

VPC

VPC ID
Create subnets in this VPC.

vpc-0927c16adb75bd921 (my-vpc)   ▼

Associated VPC CIDRs

IPv4 CIDRs

10.0.0.0/16

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

Subnet 1 of 1

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

my-subnet-01

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.

No preference   ▼

IPv4 CIDR block   Info

Q   10.0.0.0/24

← → C 🔒 ap-southeast-2.console.aws.amazon.com/vpc/home?region=ap-southeast-2#CreateSubnet:

M Gmail   ▶ YouTube   🗺 Maps   🟠 AWS Management...   🐙 GitHub   ▤ Cloud Intern Task 2...

aws   ▦ Services   🔍 Search [Alt+S]   Sydn

🔳 IAM   🟧 EC2   🟩 S3   🟦 VPC

VPC > Subnets > Create subnet

Create subnet Info

VPC

VPC ID
Create subnets in this VPC.

| vpc-0927c16adb75bd921 (my-vpc) | ▼ |

Associated VPC CIDRs

IPv4 CIDRs

10.0.0.0/16

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

Subnet 1 of 4

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

| public-1A |

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 (Sydney) / ap-southeast-2a | ▼ |

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ap-southeast-2.console.aws.amazon.com/vpc/home?region=ap-southeast-2#CreateSubnet:

Gmail   YouTube   Maps   AWS Management...   GitHub   Cloud Intern Task 2...

aws   Services   Q Search   [Alt+S]   Sydn

IAM   EC2   S3   VPC

Choose the zone in which your subnet will reside, or let Amazon choose one for you.

Asia Pacific (Sydney) / ap-southeast-2a   ▼

IPv4 CIDR block Info

Q 10.0.1.0/24   ✕

▼ Tags - optional

Key   Value - optional

Q Name   ✕   Q public-1A   ✕   Remove

Add new tag

You can add 49 more tags.

Remove

Subnet 2 of 4

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

public-1B

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 (Sydney) / ap-southeast-2b   ▼

IPv4 CIDR block Info

Q 10.0.2.0/24   ✕

▼ Tags - optional

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Mostly cloudy   Q Search   ENG   08:08
IN   16-07-2023

← → C | 🔒 ap-southeast-2.console.aws.amazon.com/vpc/home?region=ap-southeast-2#CreateSubnet:

M Gmail ▶ YouTube 🗺 Maps 🟧 AWS Management... ⊙ GitHub 📋 Cloud Intern Task 2...

aws | ⠿ Services | 🔍 Search | [Alt+S]

IAM | EC2 | S3 | VPC

Subnet 3 of 4

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

private-1A

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 (Sydney) / ap-southeast-2a ▼

IPv4 CIDR block Info

🔍 10.0.3.0/24 ✕

▼ Tags - *optional*

Key | Value - *optional*

🔍 Name ✕ | 🔍 private-1A ✕ | Remove

Add new tag

You can add 49 more tags.

Remove

Subnet 4 of 4

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

private-1B

The name can be up to 256 characters long.

Subnet 4 of 4

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

private-1B

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 (Sydney) / ap-southeast-2b ▼

IPv4 CIDR block Info

🔍 10.0.4.0/24 ✕

▼ Tags - *optional*

Key   Value - *optional*

🔍 Name   ✕   🔍 private-1B   ✕   Remove

Add new tag

You can add 49 more tags.

Remove

Add new subnet

Cancel   **Create subnet**

ap-southeast-2.console.aws.amazon.com/vpc/home?region=ap-southeast-2#subnets:SubnetId=subnet-07b3250f1239f6470,subnet-06f79f5ef0e6846ce,subnet-071f43f1304e62faf,subne...

Gmail   YouTube   Maps   AWS Management...   GitHub   Cloud Intern Task 2...

aws   Services   Q Search   [Alt+S]   Sydn

IAM   EC2   S3   VPC

VPC dashboard ×

EC2 Global View ☑ New

Filter by VPC:

Select a VPC ▼

▼ Virtual private cloud

Your VPCs New

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

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✓ You have successfully created 4 subnets: subnet-07b3250f1239f6470, subnet-06f79f5ef0e6846ce, subnet-071f43f1304e62faf, subnet-05da0c054fe520162   ×

Subnets (4) Info

🔄   Actions ▼   **Create subnet**

Q Filter subnets

< 1 >   ⚙

| Subnet ID: subnet-07b3250f1239f6470 ✕ | Subnet ID: subnet-06f79f5ef0e6846ce ✕ | Subnet ID: subnet-071f43f1304e62faf ✕ |

| Subnet ID: subnet-05da0c054fe520162 ✕ | **Clear filters** |

☐	public-1B	subnet-06f79f5ef0e6846ce	✓ Available	vpc-0927c16adb75bd921	my...	10.0.2.0/24	–	251
☐	private-1A	subnet-071f43f1304e62faf	✓ Available	vpc-0927c16adb75bd921	my...	10.0.3.0/24	–	251
☐	public-1A	subnet-07b3250f1239f6470	✓ Available	vpc-0927c16adb75bd921	my...	10.0.1.0/24	–	251
☐	private-1B	subnet-05da0c054fe520162	✓ Available	vpc-0927c16adb75bd921	my...	10.0.4.0/24	–	251

Select a subnet

27°C   Mostly cloudy   Q Search   ENG IN   08:09 16-07-2023

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.

```
my-route
```

VPC
The VPC to use for this route table.

```
vpc-0927c16adb75bd921 (my-vpc)          ▼
```

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 ✕	🔍 my-route ✕	Remove

Add new tag

You can add 49 more tags.

Cancel   **Create route table**

ap-southeast-2.console.aws.amazon.com/vpc/home?region=ap-southeast-2#CreateRouteTable:

M Gmail   YouTube   Maps   AWS Management...   GitHub   Cloud Intern Task 2...

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aws   Services   Q Search   [Alt+S]   Sydn

IAM   EC2   S3   VPC

VPC > Route tables > Create route table

Create route table Info

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Route table settings

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

```
privateRT
```

VPC
The VPC to use for this route table.

```
vpc-0927c16adb75bd921 (my-vpc)                              ▼
```

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*	
Q Name ✕	Q privateRT ✕	Remove

Add new tag

You can add 49 more tags.

Cancel   **Create route table**

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ap-southeast-2.console.aws.amazon.com/vpc/home?region=ap-southeast-2#EditRouteTableSubnetAssociations:RouteTableId=rtb-0ce950b5d3d94128b

M Gmail   ▶ YouTube   🗺 Maps   AWS Management...   ○ GitHub   ☰ Cloud Intern Task 2...

aws   ⠿ Services   Q Search   [Alt+S]   ⯈   ◈   ⓘ   Sydn

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IAM   EC2   S3   VPC

VPC 〉 Route tables 〉 rtb-0ce950b5d3d94128b 〉 Edit subnet associations

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (2/4)

Q Filter subnet associations   < 1 >   ⚙

	Name	Subnet ID ▽	IPv4 CIDR	IPv6 CIDR ▽	Route table ID ▽
☐	public-1B	subnet-06f79f5ef0e6846ce	10.0.2.0/24	–	Main (rtb-06c2d5efc8da48e24)
☑	private-1A	subnet-071f43f1304e62faf	10.0.3.0/24	–	Main (rtb-06c2d5efc8da48e24)
☐	public-1A	subnet-07b3250f1239f6470	10.0.1.0/24	–	Main (rtb-06c2d5efc8da48e24)
☑	private-1B	subnet-05da0c054fe520162	10.0.4.0/24	–	Main (rtb-06c2d5efc8da48e24)

Selected subnets

subnet-071f43f1304e62faf / private-1A ✕   subnet-05da0c054fe520162 / private-1B ✕

Cancel   **Save associations**

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← → C 🔒 ap-southeast-2.console.aws.amazon.com/vpc/home?region=ap-southeast-2#RouteTableDetails:RouteTableId=rtb-0ce950b5d3d94128b

M Gmail ▶ YouTube 🗺 Maps 🟤 AWS Management... 🐙 GitHub 📋 Cloud Intern Task 2...

aws ⋮⋮⋮ Services Q Search [Alt+S] ⟩_ 🔔 ❓ Sydn

🔲 IAM 🔲 EC2 🔲 S3 🔲 VPC

VPC dashboard ✕

EC2 Global View 🗗 New

Filter by VPC:

Select a VPC ▼

▼ **Virtual private cloud**

Your VPCs New

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

NAT gateways

Peering connections

▼ **Security**

Network ACLs

Security groups

⊘ You have successfully updated subnet associations for rtb-0ce950b5d3d94128b / privateRT. ✕

rtb-0ce950b5d3d94128b / privateRT

Actions ▼

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

Details Info

Route table ID	Main	Explicit subnet associations	Edge associations
🗗 rtb-0ce950b5d3d94128b	🗗 No	2 subnets	–
VPC	Owner ID		
vpc-0927c16adb75bd921 | my-vpc	🗗 238443730399		

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

Explicit subnet associations (2)   Edit subnet associations

🔍 Find subnet association

‹ 1 › ⚙

Name ▽	Subnet ID ▽	IPv4 CIDR ▽	IPv6 CIDR ▽
private-1A	subnet-071f43f1304e62faf	10.0.3.0/24	–
private-1B	subnet-05da0c054fe520162	10.0.4.0/24	–

Subnets without explicit associations (2)   Edit subnet associations

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

🔍 Find subnet association

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ap-southeast-2.console.aws.amazon.com/vpc/home?region=ap-southeast-2#RouteTableDetails:RouteTableId=rtb-0ce950b5d3d94128b

M Gmail ▶ YouTube 🗺 Maps 🔶 AWS Management... 🐙 GitHub 🗐 Cloud Intern Task 2...

aws ⠿ Services 🔍 Search [Alt+S] ⊡ 🔔 ❓ Sydn

IAM ⬛ EC2 ⬛ S3 ⬛ VPC

✓ You have successfully updated subnet associations for rtb-0ce950b5d3d94128b / privateRT. ✕

VPC dashboard ✕	Route table ID	Main	Explicit subnet associations	Edge associations
EC2 Global View ⬀ New	🗐 rtb-0ce950b5d3d94128b	🗐 No	2 subnets	–
Filter by VPC:	VPC	Owner ID		
Select a VPC ▼	vpc-0927c16adb75bd921 | my-vpc	🗐 238443730399		

▼ **Virtual private cloud**

Your VPCs New

Subnets

Route tables

Internet gateways

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

Egress-only internet
gateways

DHCP option sets

Explicit subnet associations (2)

Elastic IPs

Edit subnet associations

Managed prefix lists

🔍 Find subnet association

Endpoints

< 1 > ⚙

Endpoint services

Name ▽	Subnet ID ▽	IPv4 CIDR ▽	IPv6 CIDR ▽
private-1A	subnet-071f43f1304e62faf	10.0.3.0/24	–
private-1B	subnet-05da0c054fe520162	10.0.4.0/24	–

NAT gateways

Peering connections

Subnets without explicit associations (2)

Edit subnet associations

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

▼ **Security**

🔍 Find subnet association

Network ACLs

< 1 > ⚙

Security groups

Name ▽	Subnet ID ▽	IPv4 CIDR ▽	IPv6 CIDR ▽
public-1B	subnet-06f79f5ef0e6846ce	10.0.2.0/24	–
public-1A	subnet-07b3250f1239f6470	10.0.1.0/24	–

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ap-southeast-2.console.aws.amazon.com/vpc/home?region=ap-southeast-2#CreateInternetGateway:

M Gmail   ▶ YouTube   📍 Maps   🔶 AWS Management...   ⚫ GitHub   📋 Cloud Intern Task 2...

aws   ::: Services   Q Search   [Alt+S]   ⊡   △   ⑦   Sydn

🔲 IAM   🟧 EC2   🟩 S3   🔷 VPC

VPC > Internet gateways > Create internet gateway

Create internet gateway Info

An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.

Internet gateway settings

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

```
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**

Q Name   ✕   Q MYIGW   ✕   Remove

Add new tag

You can add 49 more tags.

Cancel   **Create internet gateway**

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Attach internet gateway | VPC M...

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ap-southeast-2.console.aws.amazon.com/vpc/home?region=ap-southeast-2#AttachInternetGateway:internetGatewayId=igw-040c5391b5aeeb15f

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aws Services Q Search [Alt+S] Sydn

IAM EC2 S3 VPC

VPC > Internet gateways > Attach to VPC (igw-040c5391b5aeeb15f)

Attach to VPC (igw-040c5391b5aeeb15f) Info

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

Available VPCs
Attach the internet gateway to this VPC.

Q vpc-0927c16adb75bd921 ✕

▶ AWS Command Line Interface command

Cancel   **Attach internet gateway**

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🔲 IAM   🟧 EC2   🟩 S3   🔵 VPC

| VPC dashboard   ✕ |
| EC2 Global View ⬈ New |
| Filter by VPC: |
| Select a VPC   ▾ |

▼ Virtual private cloud

  Your VPCs New

  Subnets

  Route tables

  Internet gateways

  Egress-only internet
  gateways

  DHCP option sets

  Elastic IPs

  Managed prefix lists

  Endpoints

  Endpoint services

  NAT gateways

  Peering connections

▼ Security

  Network ACLs

  Security groups

✓ Internet gateway igw-040c5391b5aeeb15f successfully detached from vpc-0927c16adb75bd921   ✕

✓ Internet gateway successfully deleted - igw-040c5391b5aeeb15f   ✕

Internet gateways (1/1) Info   ↻   Actions ▾   **Create internet gateway**

Q Filter internet gateways   ‹ 1 ›   ⚙

☑	Name ▽	Internet gateway ID ▽	State ▽	VPC ID ▽	Owner ▽
☑	–	igw-0e533895d830f0f9e	⊘ Attached	vpc-0d7a41f8df27256f5	238443730399

igw-0e533895d830f0f9e

Details   Tags

Details