

SecurityGroup | EC2 | ap-south-1 x VPC | ap-south-1 x +

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

aws Search [Alt+S] Asia Pacific (Mumbai) RahulK79

VPC > Subnets > Create subnet

**Subnet 1 of 1**

**Subnet name**  
Create a tag with a key of 'Name' and a value that you specify.  
public\_Subnet2  
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 (Mumbai) / ap-south-1b

**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**  
10.0.0.0/20

▼ Tags - optional

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22:30 10-01-2025

SecurityGroup | EC2 | ap-south-1 x VPC | ap-south-1 x +

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

aws Search [Alt+S] Asia Pacific (Mumbai) RahulK79

VPC > Subnets > Create subnet

Asia Pacific (Mumbai) / ap-south-1b

**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**  
10.0.5.0/24 256 IPs

▼ Tags - optional

Key	Value - optional	
Name	public_Subnet2	Remove

Add new tag  
You can add 49 more tags.  
Remove

Add new subnet

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SecurityGroup | EC2 | ap-south-1 x VPC | ap-south-1 x +

ap-south-1.console.aws.amazon.com/vpconsole/home?region=ap-south-1#ModifyRouteTable:subnetId=subnet-0c7a9ef42038611f9

aws Search [Alt+S]

VPC > Subnets > subnet-0c7a9ef42038611f9 > Edit route table association

### Edit route table association Info

**Subnet route table settings**

**Subnet ID**  
subnet-0c7a9ef42038611f9

**Route table ID**  
rtb-074550bc2778eca7d (public\_rt)

**Routes (2)**

Filter routes

Destination	Target
10.0.0.0/16	local
0.0.0.0/0	igw-016264154b4146797

Cancel Save

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SecurityGroup | EC2 | ap-south-1 x Instances | EC2 | ap-south-1 x +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:v=3;\$case=tags:true%5C,client:false;\$regex=tags:false%5C,client:false

aws Search [Alt+S]

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

### Instances (1/4) Info

Last updated less than a minute ago

Connect Instance state Actions Launch Instances

Find Instance by attribute or tag (case-sensitive)

All state

	Name	Instance ID	Instance state	Instance type
<input checked="" type="checkbox"/>	Public_Instance	i-09c8be2cb2eba2a34	Running	t2.micro
<input type="checkbox"/>	openvpn	i-08ebaddbf9d21eb12	Running	t2.micro
<input type="checkbox"/>	private2	i-0f9bb78603ad985ff	Running	t2.micro
<input type="checkbox"/>	private1	i-0f695f4b48a065d21	Running	t2.micro

**i-09c8be2cb2eba2a34 (Public\_Instance)**

Create image  
Create template from instance  
Launch more like this

Connect  
View details  
Manage instance state  
Instance settings  
Networking  
Security  
Image and templates  
Monitor and troubleshoot

Details Status and alarms Monitoring Security Networking Storage Tags

**▼ Instance summary Info**

**Instance ID**  
i-09c8be2cb2eba2a34

**Public IPv4 address**  
13.201.26.66 | [open address](#)

**Private IPv4 addresses**  
10.0.1.152

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22:35 10-01-2025

SecurityGroup | EC2 | ap-south-1

Create Image | EC2 | ap-south-1

+

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateImage:instanceId=i-09c8be2cb2eba2a34

aws

Search

[Alt+S]

Asia Pacific (Mumbai)

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EC2 > Instances > i-09c8be2cb2eba2a34 > Create Image

Instance ID

i-09c8be2cb2eba2a34 (Public\_Instance)

Image name

Image1\_public

Maximum 127 characters. Can't be modified after creation.

Image description - optional

Image description

Maximum 255 characters

☒ Reboot instance

When selected, Amazon EC2 reboots the instance so that data is at rest when snapshots of the attached volumes are taken. This ensures data consistency.

Instance volumes

Storage type	Device	Snapshot	Size	Volume type	IOPS	Throughput	Delete on termination	Encrypted
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SecurityGroup | EC2 | ap-south-1

Images | EC2 | ap-south-1

+

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Images:visibility=owned-by-me

aws

Search

[Alt+S]

Asia Pacific (Mumbai)

RahulK79

Amazon Machine Images (AMIs) (1) Info

Recycle Bin

EC2 Image Builder

Actions

Launch instance from AMI

Owned by me

Find AMI by attribute or tag

< 1 >

	Name	AMI name	AMI ID	Source	Owner
<input type="checkbox"/>	Image1_public		ami-0f5f8a08f408f09a5	605134449340/Image1_public	605134

Select an AMI

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SecurityGroup | EC2 | ap-south-1 x Launch an instance | EC2 | ap-south-1 x

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:ami=ami-0f5f8a08f408f09a5

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EC2 > Instances > Launch an instance

AWSKey Create new key pair

▼ Network settings info

VPC - required info

vpc-09f96c674d0d4dc17 (my-vpc) 10.0.0.0/16

Subnet info

subnet-0c7a9ef42038611f9 public\_Subnet2

VPC: vpc-09f96c674d0d4dc17 Owner: 605134449340

Availability Zone: ap-south-1b Zone type: Availability Zone

IP addresses available: 251 CIDR: 10.0.5.0/24

Create new subnet

Auto-assign public IP info

Disable

Firewall (security groups) info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group Select existing security group

▼ Summary

Number of instances info

1

Software Image (AMI)

Image1\_public

ami-0f5f8a08f408f09a5

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Cancel Launch instance Preview code

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SecurityGroup | EC2 | ap-south-1 x Launch an instance | EC2 | ap-south-1 x Instances | EC2 | ap-south-1 x

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:ami=ami-0f5f8a08f408f09a5

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EC2 > Instances > Launch an instance

Success

Successfully initiated launch of instance (i-087f84cd0bd674858)

► Launch log

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

Create billing and free tier usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.

Create billing alerts

Connect to your instance

Once your instance is running, log into it from your local computer.

Connect to instance

Learn more

Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

Connect an RDS database

Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

Create EBS snapshot policy

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SecurityGroup | EC2 | ap-south-1 x Instances | EC2 | ap-south-1 x +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#instances:v=3;\$case=tags:true%5C,client:false;\$regex=tags:false%5C,client:false

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▼ Images

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Instances (1/5) Info Last updated less than a minute 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
<input type="checkbox"/>	Public_Instance	i-09c8be2cb2eba2a34	Running	t2.micro	2/2 checks passed	View alarms +
<input type="checkbox"/>	openvpn	i-08ebaddbf9d21eb12	Running	t2.micro	2/2 checks passed	View alarms +
<input checked="" type="checkbox"/>	Public Server2	i-087f84cd0bd674858	Running	t2.micro	Initializing	View alarms +
<input type="checkbox"/>	Unselect instance: Public Server2	9bb78603ad985ff	Running	t2.micro	2/2 checks passed	View alarms +

i-087f84cd0bd674858 (Public Server2)

Details Status and alarms Monitoring Security Networking Storage Tags

▼ Instance summary Info

Instance ID i-087f84cd0bd674858 Public IPv4 address 43.204.214.49 | open address Private IPv4 addresses 10.0.5.62

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SecurityGroup | EC2 | ap-south-1 x VPC | ap-south-1 x +

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

aws Search [Alt+S] Asia Pacific (Mumbai) RahulK79

VPC > Subnets > Create subnet

Subnet 1 of 1

Subnet name

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

private3

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 (Mumbai) / ap-south-1b

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

10.0.5.0/24 256 IPs

▼ Tags - optional

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SecurityGroup | EC2 | ap-south-1 x VPC | ap-south-1 x +

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#ModifyRouteTable:subnetId=subnet-0f4f1c205ca69194a

aws Search [Alt+S]

VPC > Subnets > subnet-0f4f1c205ca69194a > Edit route table association

### Edit route table association Info

**Subnet route table settings**

**Subnet ID**  
subnet-0f4f1c205ca69194a

**Route table ID**  
rtb-025d1f05e4b5d0dff (private\_rt)

**Routes (3)**

Filter routes

Destination	Target
10.0.0.0/16	local
0.0.0.0/0	igw-016264154b4146797
pl-78a54011	vpc-095e8c044ea9112c9

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SecurityGroup | EC2 | ap-south-1 x Instances | EC2 | ap-south-1 x +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:v=3;\$case=tags:true%5C,client:false;\$regex=tags:false%5C,client:false

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### Instances (1/5) Info

Last updated less than a minute ago

Connect Instance state Actions Launch Instances

Find Instance by attribute or tag (case-sensitive)

All state

	Name	Instance ID	Instance state	Instance type
<input type="checkbox"/>	Public Server2	i-087f84cd0bd674858	Running	t2.micro
<input checked="" type="checkbox"/>	private2	i-0f9bb78603ad985ff	Running	t2.micro
<input type="checkbox"/>	private1	i-0f695f4b48a065d21	Running	t2.micro

**i-0f9bb78603ad985ff (private2)**

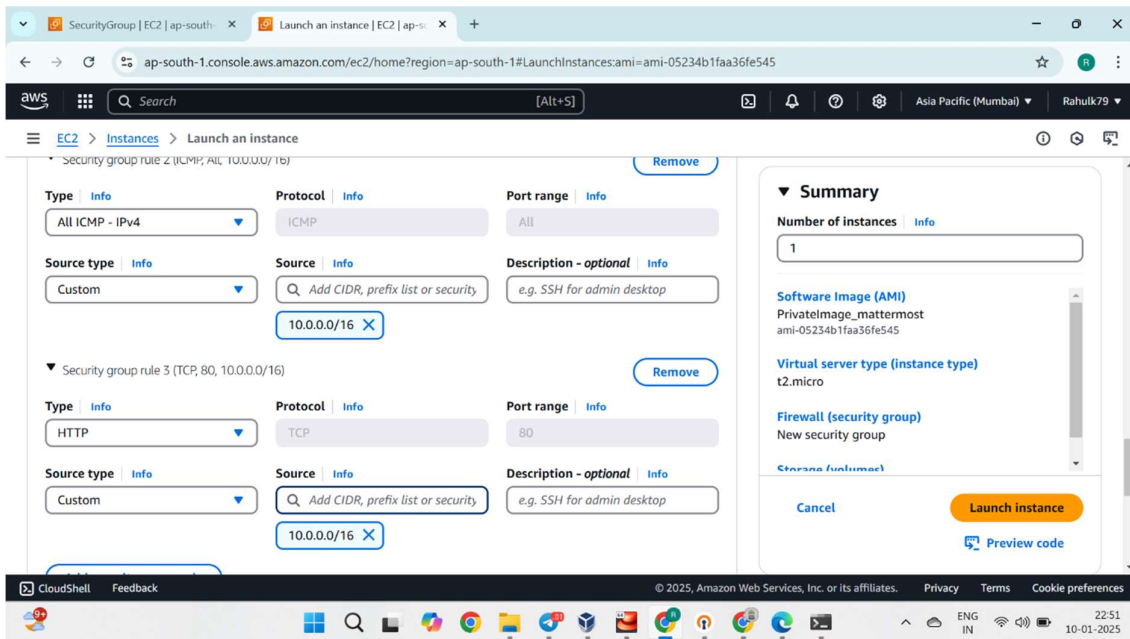
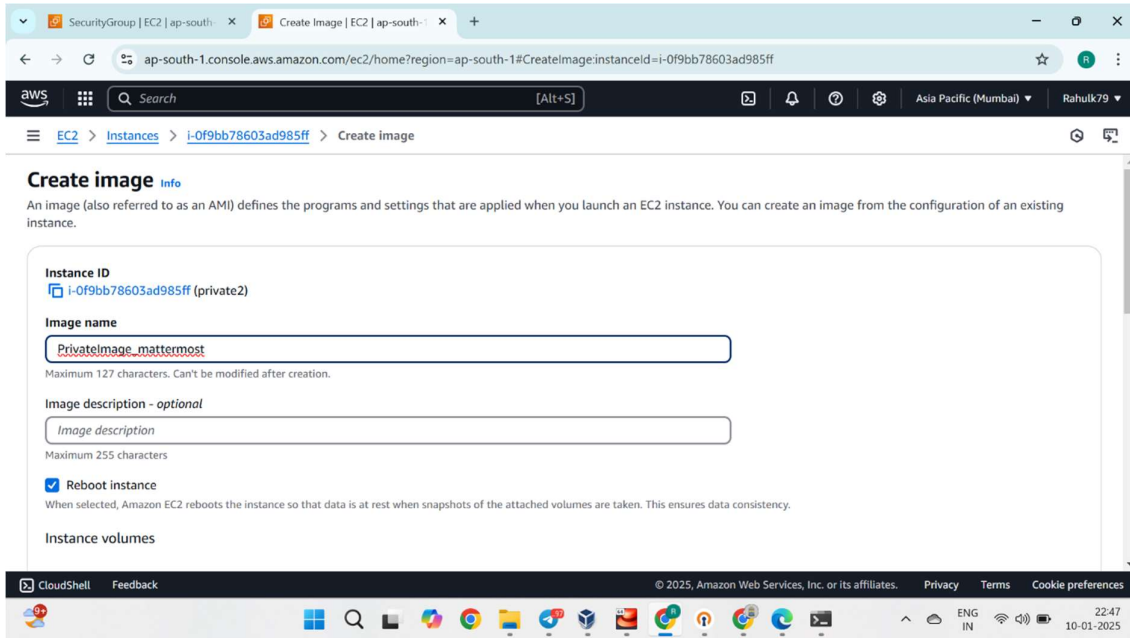
Details Status and alarms Monitoring Security Networking Storage Tags

**Instance summary Info**

<b>Instance ID</b> i-0f9bb78603ad985ff	<b>Public IPv4 address</b> 65.0.102.40   <a href="#">open address</a>	<b>Private IPv4 addresses</b> 10.0.4.35
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SecurityGroup | EC2 | ap-south-1

Launch an instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:ami=ami-05234b1faa36fe545

Search [Alt+S]

Asia Pacific (Mumbai) RahulK79

EC2 > Instances > Launch an instance

Success

Successfully initiated launch of instance (i-0bd6551167e5290d5)

Launch log

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

< 1 2 3 4 5 6 >

Create billing and free tier usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.

Create billing alerts

Connect to your instance

Once your instance is running, log into it from your local computer.

Connect to instance

Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

Connect an RDS database

Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

Create EBS snapshot policy

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SecurityGroup | EC2 | ap-south-1

Instances | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:v=3;case=tags:true%5C,client:false;\$regex=tags:false%5C,client:false

Search [Alt+S]

Asia Pacific (Mumbai) RahulK79

Instances (1/6) Info

Last updated less than a minute 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
<input type="checkbox"/>	Public_Instance	i-09c8be2cb2eba2a34	Running	t2.micro	2/2 checks passed	View alarms +
<input type="checkbox"/>	openvpn	i-08ebadbf9d21eb12	Running	t2.micro	2/2 checks passed	View alarms +
<input checked="" type="checkbox"/>	Private_matte...	i-0bd6551167e5290d5	Running	t2.micro	Initializing	View alarms +
<input type="checkbox"/>	Public Server2	i-087f84cd0bd674858	Running	t2.micro	2/2 checks passed	View alarms +
<input type="checkbox"/>	private1	i-0f695f4b48a065d21	Running	t2.micro	2/2 checks passed	View alarms +

i-0bd6551167e5290d5 (Private\_mattermost)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary Info

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