

vpcs | VPC Console

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

aws | Search [Alt+S]

VPC Your VPCs

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

Getting started Updated

CloudShell Feedback

Rainy days ahead 29°C

Search

Last updated Less than a minute ago

Actions Create VPC

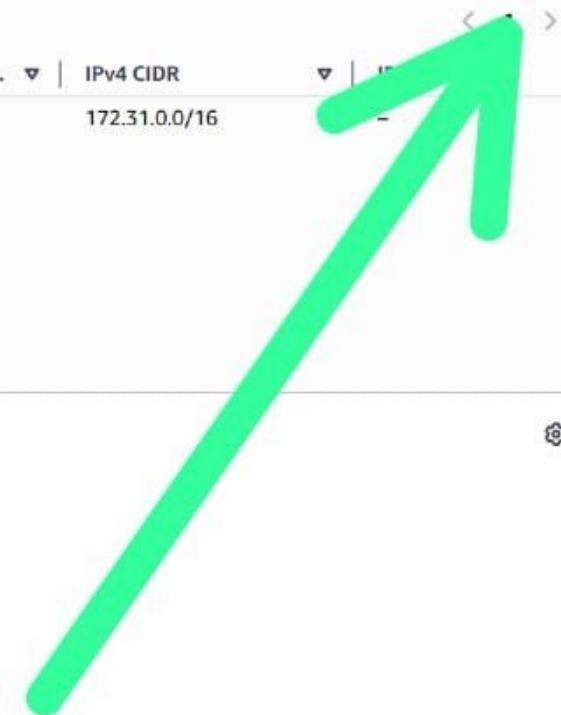
Find VPCs by attribute or tag

| Name | VPC ID | State | Block Public... | IPv4 CIDR |
|------|-----------------------|-----------|-----------------|---------------|
| - | vpc-06795dc3f10769cb5 | Available | Off | 172.31.0.0/16 |

Select a VPC above

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ENG IN 00:54 27-07-2025



- **VPC :**

VPC stands for Virtual Private Cloud which is a private, isolated section of the cloud where we can launch AWS resources like EC2 instances, databases, etc. It gives full control over our virtual networking environment, including IP address ranges, subnets, route tables, internet gateways, and security settings. It is required in every region so it is a regional service. By default we can create 5 VPC in a single region. It is safe and secure.

CreateVpc | VPC Console

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

aws | Search [Alt+S]

VPC Your VPCs Create VPC

Create VPC Info

A VPC is an isolated portion of the AWS Cloud populated by AWS objects, such as Amazon EC2 instances.

VPC settings

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

VPC only VPC and more

Name tag - optional
Creates a tag with a key of 'Name' and a value that you specify.
vpc1

IPv4 CIDR block Info
 IPv4 CIDR manual input IPAM-allocated IPv4 CIDR block
192.168.0.0/16

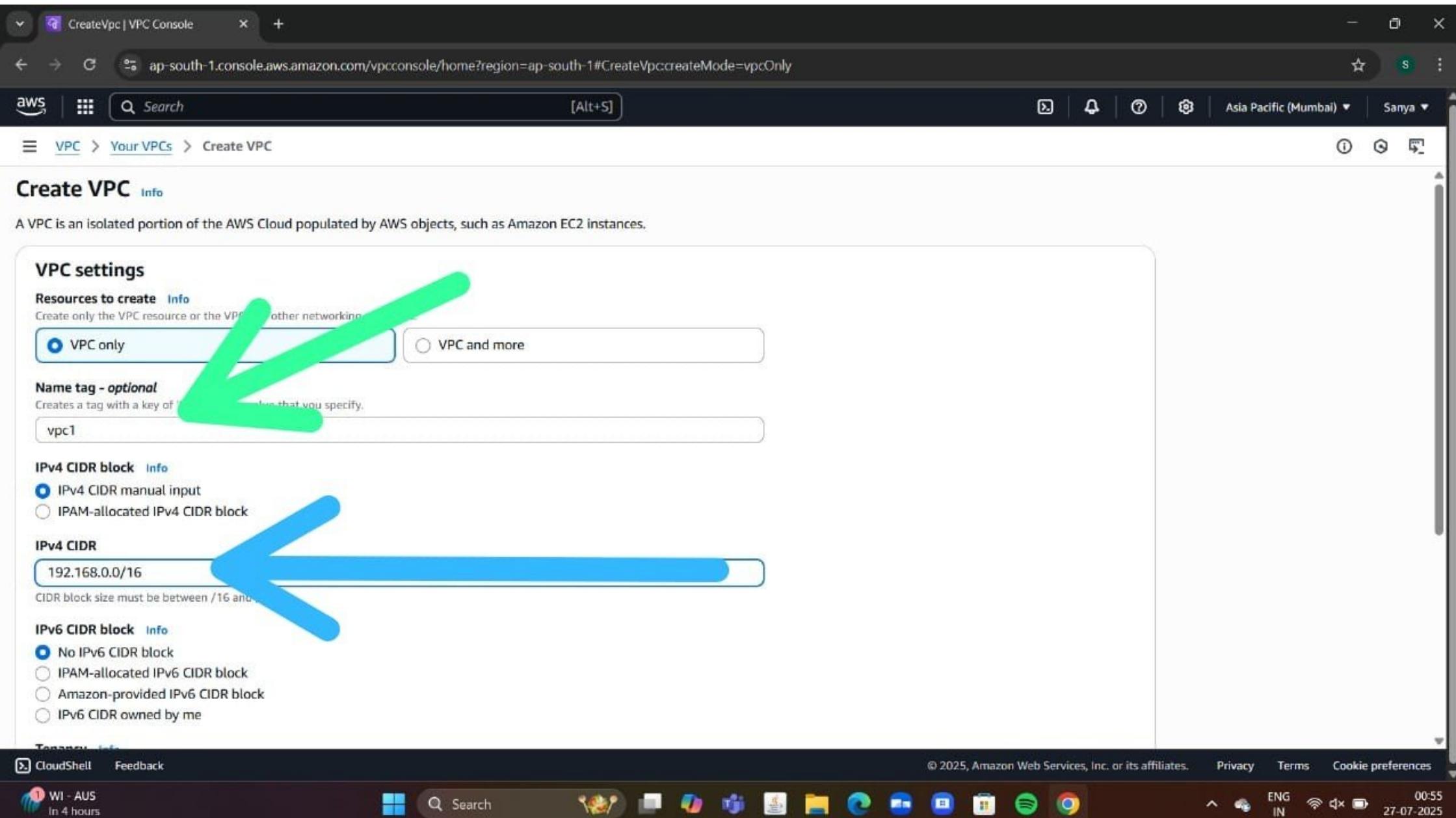
IPv6 CIDR block Info
 No IPv6 CIDR block IPAM-allocated IPv6 CIDR block Amazon-provided IPv6 CIDR block IPv6 CIDR owned by me

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- **CIDR :**

CIDR stands for Classless Inter Domain Routing. It is a method used to assign IP addresses and manage IP networks more efficiently. In AWS, CIDR blocks define the IP address range of a VPC or subnet, written like 192.168.0.0/16. The /16 indicates how many bits are fixed for the network—here, the first 16 bits—leaving the rest for host addresses. This allows flexible network sizing and better use of IP addresses.

CreateVpc | VPC Console

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

aws | Search [Alt+S]

VPC > Your VPCs > Create VPC

IPv4 CIDR input
IPAM-allocated IPv4 CIDR block

IPv4 CIDR
192.168.0.0/16
CIDR block size must be between /16 and /28.

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 your resources or track your AWS costs.

Key Value - optional
Name vpc1 Remove tag

Add tag
You can add 49 more tags

Cancel Preview code Create VPC

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VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#VpcDetails?VpcId=vpc-005397956eea437f9

aws | Search [Alt+S]

VPC dashboard < Actions ▾

You successfully created vpc-005397956eea437f9 / vpc1

vpc-005397956eea437f9 / vpc1

Details Info

| | | | |
|---|---|---|---|
| VPC ID vpc-005397956eea437f9 | State Available | Block Public Access Off | DNS hostnames Disabled |
| DNS resolution Enabled | Tenancy default | DHCP option set dopt-01b77c828a002386b | Main route table rtb-01b3e700aa82062ed |
| Main network ACL acl-03a5c3a21b41b09a0 | Default VPC No | IPv4 CIDR 192.168.0.0/16 | IPv6 pool - |
| IPv6 CIDR (Network border group) - | Network Address Usage metrics Disabled | Route 53 Resolver DNS Firewall rule groups - | Owner ID 149696705801 |

Resource map CIDRs Flow logs Tags Integrations

Resource map

Info

VPC Show details Your AWS virtual network

Subnets (0) Subnets within this VPC

Route tables (1) Route network traffic to resources

Network c

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vpcs | VPC Console

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

aws | Search [Alt+S]

VPC Your VPCs

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 Getting started Updated

Your VPCs (1/2) Info Find VPCs by attribute or tag

Last updated less than a minute ago Actions Create VPC

| Name | VPC ID | State | Block Public... | IPv4 CIDR | IPv6 CIDR |
|------|------------------------|-----------|-----------------|----------------|-----------|
| vpcl | vpcl-005397956eea437f9 | Available | Off | 192.168.0.0/16 | - |
| - | vpcl-06795dc3f10769cb5 | Available | Off | 172.31.0.0/16 | - |

vpcl-005397956eea437f9 / vpcl

Details Resource map CIDRs Flow logs Tags Integrations

Details

| | | | |
|----------------------------------|--------------------|---|---|
| VPC ID vpcl-005397956eea437f9 | State Available | Block Public Access Off | DNS hostnames Disabled |
| DNS resolution Enabled | Tenancy default | DHCP option set dopt-01b77c828a002386b | Main route table rtb-01b3e700aa82062ed |
| Main network ACL - | Default VPC No | IPv4 CIDR 192.168.0.0/16 | IPv6 pool |

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subnets | VPC Console

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

aws | Subnets | Search [Alt+S] | Actions | Create subnet | Asia Pacific (Mumbai) | Sanya

VPC dashboard < Subnets

Subnets (3) Info

Last updated 3 minutes ago

Find subnets by attribute or tag

| Name | Subnet ID | State | VPC | Block Public | CIDR |
|------|--------------------------|-----------|-----------------------|--------------|--------------|
| - | subnet-0a0bbddc0be7aed1f | Available | vpc-06795dc3f10769cb5 | Off | 2.31.0.0/20 |
| - | subnet-096408d4f20ff0861 | Available | vpc-06795dc3f10769cb5 | Off | 72.31.32.0/2 |
| - | subnet-0e448405cd844301d | Available | vpc-06795dc3f10769cb5 | Off | 72.31.16.0/2 |

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

Getting started Updated

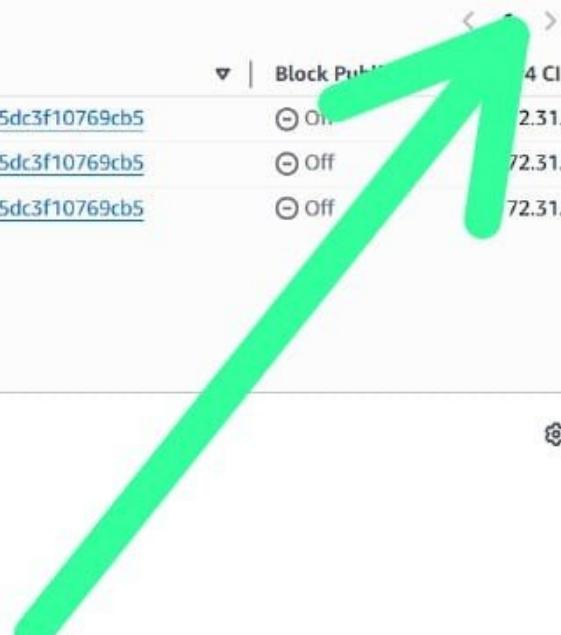
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- **SUBNETS :**

Subnets are subdivisions of a VPC's IP address range (CIDR block) that allows to organize and isolate resources within the network. Each subnet resides in a specific Availability Zone and can be either public or private. Public subnets are connected to the internet via an Internet Gateway, making them suitable for resources like web servers. Private subnets have no direct internet access and are ideal for internal resources like databases or backend servers. Subnets help improve security, manageability, and availability of cloud infrastructure.

VPC | ap-south-1

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

aws | Search [Alt+S]

VPC Subnets Create subnet

Create subnet Info

VPC

VPC ID

Create subnets in this VPC.

vpc-005397956eea437f9 (vpc1)

Search |

vpc-005397956eea437f9 (vpc1)
192.168.0.0/16

vpc-06795dc3f10769cb5
172.31.0.0/16

A large green checkmark is drawn over the second item in the list, "vpc-005397956eea437f9 (vpc1) 192.168.0.0/16".

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.

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VPC | ap-south-1

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

aws | Search [Alt+S]

VPC > Subnets > Create subnet

Subnet 1 of 1

Subnet name
Create a tag with a key or value that you specify.
 The name can be up to 256 characters.

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

Q No preference
Asia Pacific (Mumbai) / ap-south-1a
ID: aps1-az1 Type: availability-zone Network border group: ap-south-1
Asia Pacific (Mumbai) / ap-south-1b
ID: aps1-az3 Type: availability-zone Network border group: ap-south-1
Asia Pacific (Mumbai) / ap-south-1c
ID: aps1-az2 Type: availability-zone Network border group: ap-south-1

Tags - optional

| Key | Value - optional |
|-----------------------------------|--|
| <input type="text" value="Name"/> | <input type="text" value="sub1"/> Remove |

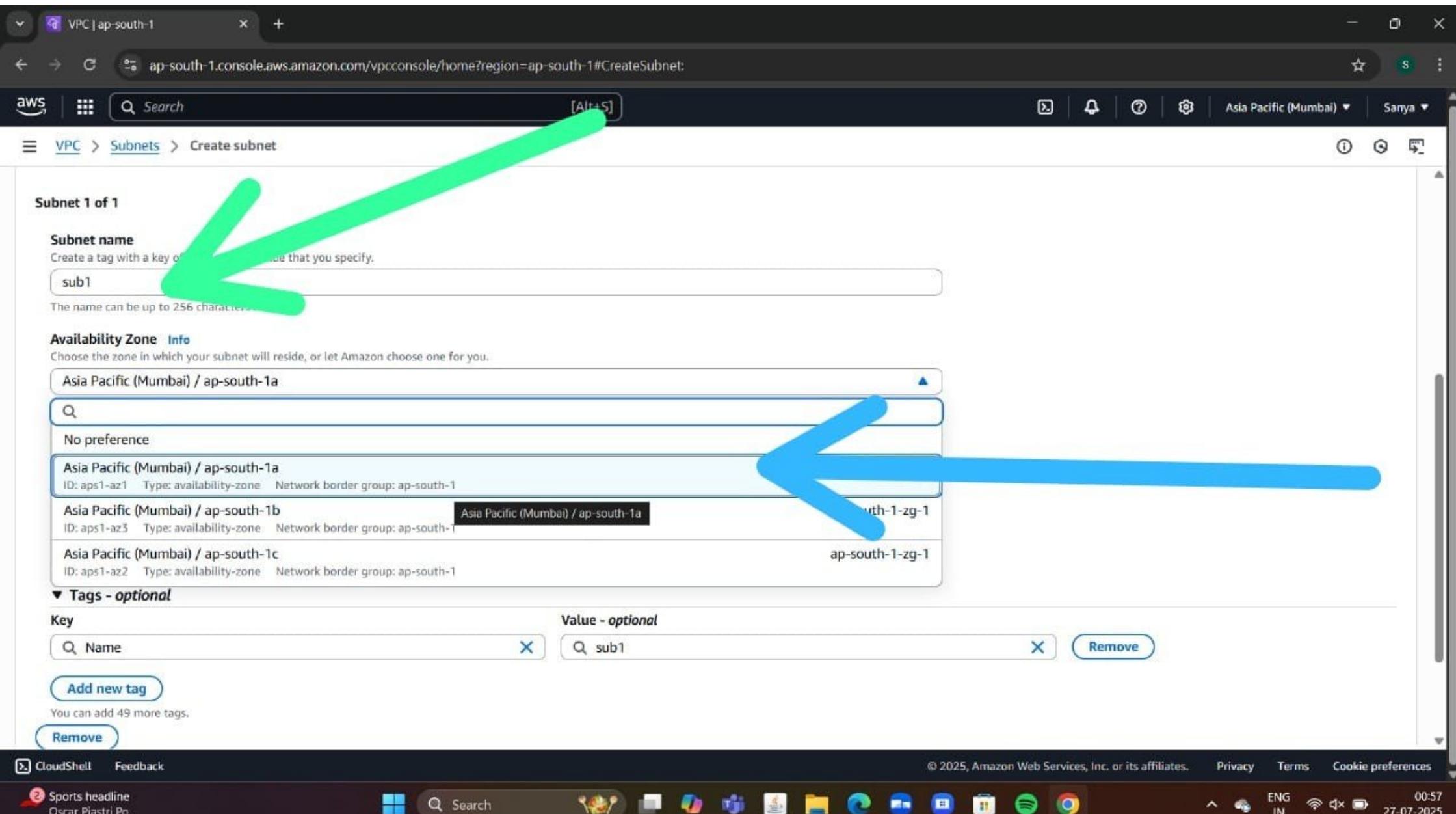
Add new tag You can add 49 more tags. Remove

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Sports headline Oscar Piastri Po...

Search

00:57 27-07-2025



VPC | ap-south-1

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

aws | Search [Alt+S]

VPC > Subnets > Create subnet

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-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.
192.168.0.0/16

IPv4 subnet CIDR block
192.168.0.0/24 256 IPs

Tags - optional

Key Value - optional x Remove

Add new tag
You can add 49 more tags.
Remove

Add new subnet

Cancel **Create subnet**

subnets | VPC Console

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

VPC Subnets

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 Getting started Updated CloudShell Feedback

Subnets (1/4) Info Last updated less than a minute ago Actions Create subnet

| Name | Subnet ID | State | VPC | Block Public... | IPv4 CIDR |
|------|--------------------------|-----------|------------------------------|-----------------|---------------|
| sub1 | subnet-02efe8bfe93415f0d | Available | vpc-005397956eea437f9 vpc1 | Off | 192.168.0.0/2 |
| - | subnet-0a0bbddc0be7aed1f | Available | vpc-06795dc3f10769cb5 | Off | 172.31.0.0/20 |
| - | subnet-096408d4f20ff0861 | Available | vpc-06795dc3f10769cb5 | Off | 172.31.32.0/2 |
| - | subnet-0e448405cd844301d | Available | vpc-06795dc3f10769cb5 | Off | 172.31.16.0/2 |

subnet-02efe8bfe93415f0d / sub1

Details Flow logs Route table Network ACL CIDR reservations Sharing Tags

Details

| | | | |
|---------------------------------------|---|------------------------------------|-------------------------------------|
| Subnet ID subnet-02efe8bfe93415f0d | Subnet ARN arn:aws:ec2:ap-south-1:149696705801:subnet/subnet-02efe8bfe93415f0d | State Available | Block Public Access Off |
| IPv4 CIDR 192.168.0.0/24 | Available IPv4 addresses 251 | IPv6 CIDR - | IPv6 CIDR association ID - |
| Availability Zone ap-south-1a | Availability Zone ID | Network border group ap-south-1 | VPC vpc-005397956eea437f9 vpc1 |

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Sports headline
Oscar Piastri Po...

CloudShell Feedback

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VPC | ap-south-1

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

aws | Search [Alt+S]

VPC > Subnets > Create subnet

Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 1

Subnet name
Create a tag with a key and value that you specify.
 The name can be up to 256 characters.

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

No preference

Q | No preference ✓

| | |
|--|-----------------|
| Asia Pacific (Mumbai) / ap-south-1a ID: aps1-az1 Type: availability-zone Network border group: ap-south-1 | ap-south-1-zg-1 |
| Asia Pacific (Mumbai) / ap-south-1b ID: aps1-az3 Type: availability-zone Network border group: ap-south-1 | ap-south-1-zg-1 |
| Asia Pacific (Mumbai) / ap-south-1c ID: aps1-az2 Type: availability-zone Network border group: ap-south-1 | ap-south-1-zg-1 |

Tags - optional

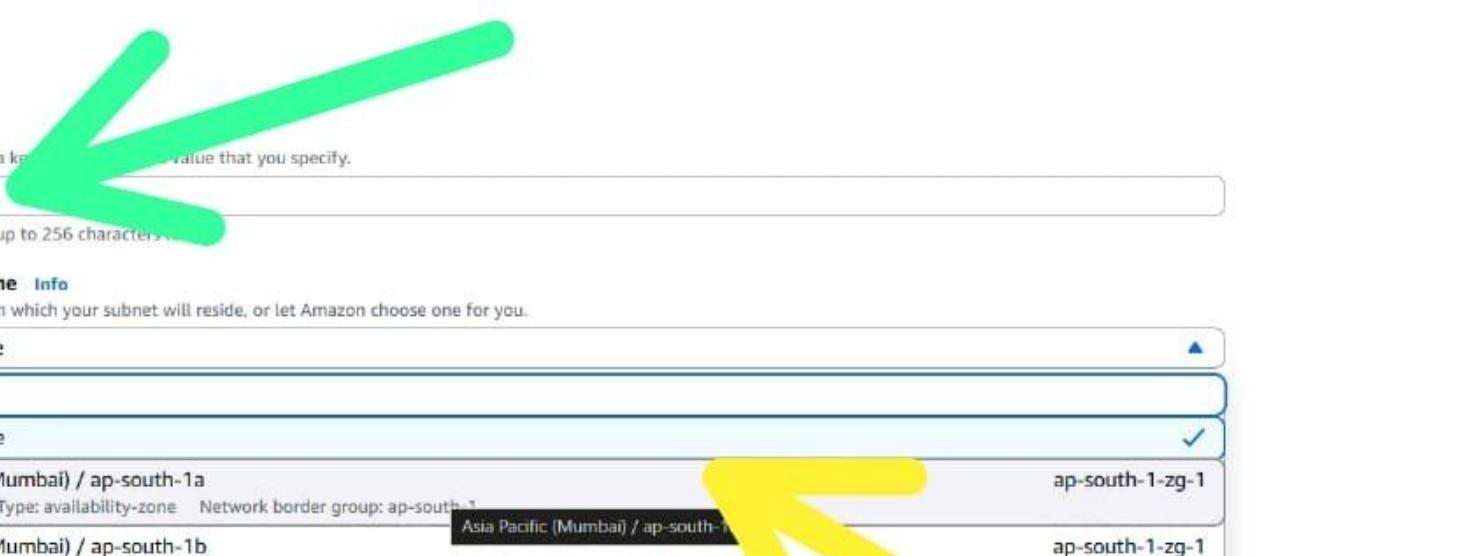
Key Value - optional

Q Name X Q sub2 X Remove

Add new tag

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WI - AUS Game score ENG IN 01:09 27-07-2025



VPC | ap-south-1

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

aws | Search [Alt+S]

Subnets > Create subnet

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-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.
192.168.0.0/16

IPv4 subnet CIDR block
192.168.16.0/24 256 IPs

Tags - optional

| Key | Value - optional |
|--------|--------------------------------|
| Q Name | Q sub2 <small>x Remove</small> |

Add new tag You can add 49 more tags. Remove

Add new subnet

Cancel Create subnet

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subnets | VPC Console

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

VPC Subnets

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 Getting started Updated CloudShell Feedback

You have successfully created 1 subnet: subnet-0d79d70e8dbb863c1

Subnets (1/5) Info Find subnets by attribute or tag Actions Create subnet

| Name | Subnet ID | State | VPC | Block Public... | IPv4 CIDR |
|------|--------------------------|-----------|------------------------------|-----------------|-----------------|
| sub1 | subnet-02efe8bfe93415f0d | Available | vpc-005397956eea437f9 vpc1 | Off | 192.168.0.0/16 |
| - | subnet-0a0bbddc0be7aed1f | Available | vpc-06795dc3f10769cb5 | Off | 172.31.0.0/16 |
| - | subnet-096408d4f20ff0861 | Available | vpc-06795dc3f10769cb5 | Off | 172.31.32.0/16 |
| - | subnet-0e448405cd844301d | Available | vpc-06795dc3f10769cb5 | Off | 172.31.16.0/16 |
| sub2 | subnet-0d79d70e8dbb863c1 | Available | vpc-005397956eea437f9 vpc1 | Off | 192.168.16.0/16 |

subnet-0d79d70e8dbb863c1 / sub2

Details Flow logs Route table Network ACL CIDR reservations Sharing Tags

Details

| | | | |
|--------------------------|--|----------------------|------------------------------|
| Subnet ID | Subnet ARN | State | Block Public Access |
| subnet-0d79d70e8dbb863c1 | arn:aws:ec2:ap-south-1:1496967058:01:subnet/subnet-0d79d70e8dbb863c1 | Available | Off |
| IPv4 CIDR | Available IPv4 addresses | IPv6 CIDR | IPv6 CIDR association ID |
| 192.168.16.0/24 | 251 | - | - |
| Availability Zone | Availability Zone ID | Network border group | VPC |
| ap-south-1a | ap-south-1 | ap-south-1 | vpc-005397956eea437f9 vpc1 |

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igws | VPC Console

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

aws | Search [Alt+S]

VPC Internet gateways

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

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PrivateLink and Lattice Getting started Updated

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News for you Telling secrets to...

Search

Internet gateways (1) Info

Find internet gateways by attribute or tag

| Name | Internet gateway ID | State | VPC ID | Owner |
|------|-----------------------|----------|-----------------------|--------------|
| - | igw-07d6eafa086e3a0fe | Attached | vpc-06795dc3f10769cbs | 149696705801 |

Select an internet gateway above

A large green arrow points from the bottom right towards the "Create internet gateway" button.

- **INTERNET GATEWAY :**

An Internet Gateway is a component that allows resources in a public subnet of a VPC to connect to the internet. It serves as a bridge between the VPC and the internet. To enable internet access, the subnet must be public, the route table must direct traffic to the Internet Gateway, and security groups must allow necessary traffic. It is highly available and scalable, and does not cause bottlenecks or downtime.

VPC | ap-south-1

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

aws | Search [Alt+S]

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.

gate1

Tags - optional
A tag is a label that you can 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 Name **Value - optional** gate1 Remove

Add new tag

You can add 49 more tags.

Cancel Create internet gateway

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igws | VPC Console

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

VPC Internet gateways

The following internet gateway was created: igw-0deff5a33f2ab0a94 - gate1. You can now attach to a VPC to enable the VPC to communicate with the internet.

Attach to a VPC

Internet gateways (1/2) Info

Find internet gateways by attribute or tag

Actions Create internet gateway

Internet gateway ID Name State VPC ID Owner

| Internet gateway ID | Name | State | VPC ID | Owner |
|-----------------------|-------|----------|-----------------------|--------------|
| igw-07d6eafa086e3a0fe | - | Attached | vpc-06795dc3f10769cb5 | 149696705801 |
| igw-0deff5a33f2ab0a94 | gate1 | Detached | - | 149696705801 |

igw-0deff5a33f2ab0a94 / gate1

Details Tags

Details

| Internet gateway ID | State | VPC ID | Owner |
|-----------------------|----------|--------|--------------|
| igw-0deff5a33f2ab0a94 | Detached | - | 149696705801 |

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VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#AttachInternetGateway:internetGatewayId=igw-0deff5a33f2ab0a94

aws | Search [Alt+S]

VPC > Internet gateways > Attach to VPC (igw-0deff5a33f2ab0a94)

The following internet gateway was created: igw-0deff5a33f2ab0a94 - gate1. You can now attach to a VPC to enable the VPC to communicate with the internet.

Attach to a VPC

Attach to VPC (igw-0deff5a33f2ab0a94) 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 X

Use: "vpc-005397956eea437f9"
vpc-005397956eea437f9 - vpn1

Cancel **Attach internet gateway**

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igws | VPC Console

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

VPC Internet gateways

VPC dashboard < VPC

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Notifications

Actions Create internet gateway

Internet gateway igw-0deff5a33f2ab0a94 successfully attached to vpc-005397956eea437f9

Internet gateways (1/2) Info

Find internet gateways by attribute or tag

| Name | Internet gateway ID | State | VPC ID | Owner |
|-------|-----------------------|----------|------------------------------|--------------|
| - | igw-07d6eafa086e3a0fe | Attached | vpc-06795dc3f10769cb5 | 149696705801 |
| gate1 | igw-0deff5a33f2ab0a94 | Attached | vpc-005397956eea437f9 vpc1 | 149696705801 |

igw-0deff5a33f2ab0a94 / gate1

Details Tags

Details

| | | | |
|--|-------------------|--|-----------------------|
| Internet gateway ID igw-0deff5a33f2ab0a94 | State Attached | VPC ID vpc-005397956eea437f9 vpc1 | Owner 149696705801 |
|--|-------------------|--|-----------------------|

Trending videos Stranger Things...

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- **NAT GATEWAY :**

A NAT Gateway allows instances in a private subnet to access the internet (for updates or external services) without exposing them to incoming internet traffic. It acts as a middleman—sending requests from private instances to the internet and routing the responses back. Unlike Internet Gateways (used for public subnets), NAT Gateways maintain outbound-only internet access and help keep internal resources secure.

NatGateways | VPC Console

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

aws | Search [Alt+S]

VPC > NAT gateways

Filter by VPC

NAT gateways Info

Find NAT gateways by attribute or tag

Name NAT gateway ID Connectivity... State State message Primary private

No NAT gateways found

Actions Create NAT gateway

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- Egress-only internet gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists

NAT gateways

Peering connections

Security

- Network ACLs
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PrivateLink and Lattice

- Getting started Updated
- Endpoints Updated
- Endpoint services
- Service networks Updated

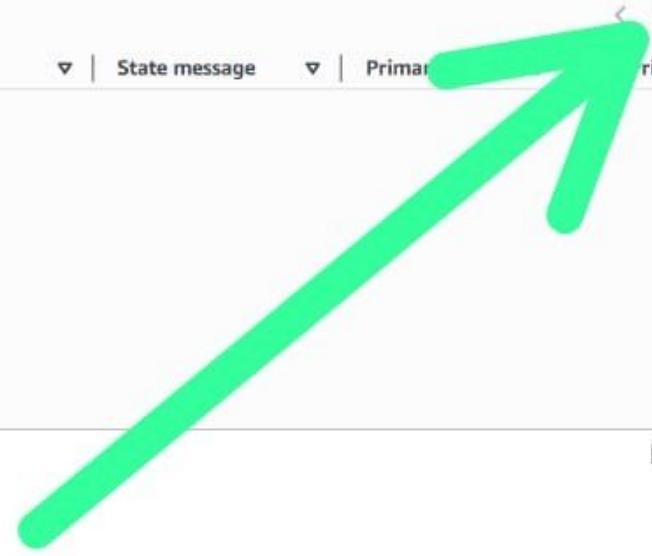
CloudShell Feedback

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Hot days ahead 29°C

Search

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VPC | ap-south-1

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

aws | Search [Alt+S]

VPC > NAT gateways > Create NAT gateway

Create NAT gateway Info

A highly available, managed Network Address Translation (NAT) service that lets instances in private subnets can use to connect to services in other VPCs, on-premises networks, or the internet.

NAT gateway settings

Name - optional
Create a tag with the name of the NAT gateway that you specify.
 The name can be up to 63 characters long.

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

Q

- subnet-02efebfe93415f0d (sub1)
ap-south-1a
- subnet-0a0bbddc0be7aed1f
ap-south-1b
- subnet-096408d4f20ff0861
ap-south-1a
- subnet-0d79d70e8dbb863c1 (sub2)
ap-south-1a
- subnet-0e448405cd844301d
ap-south-1c

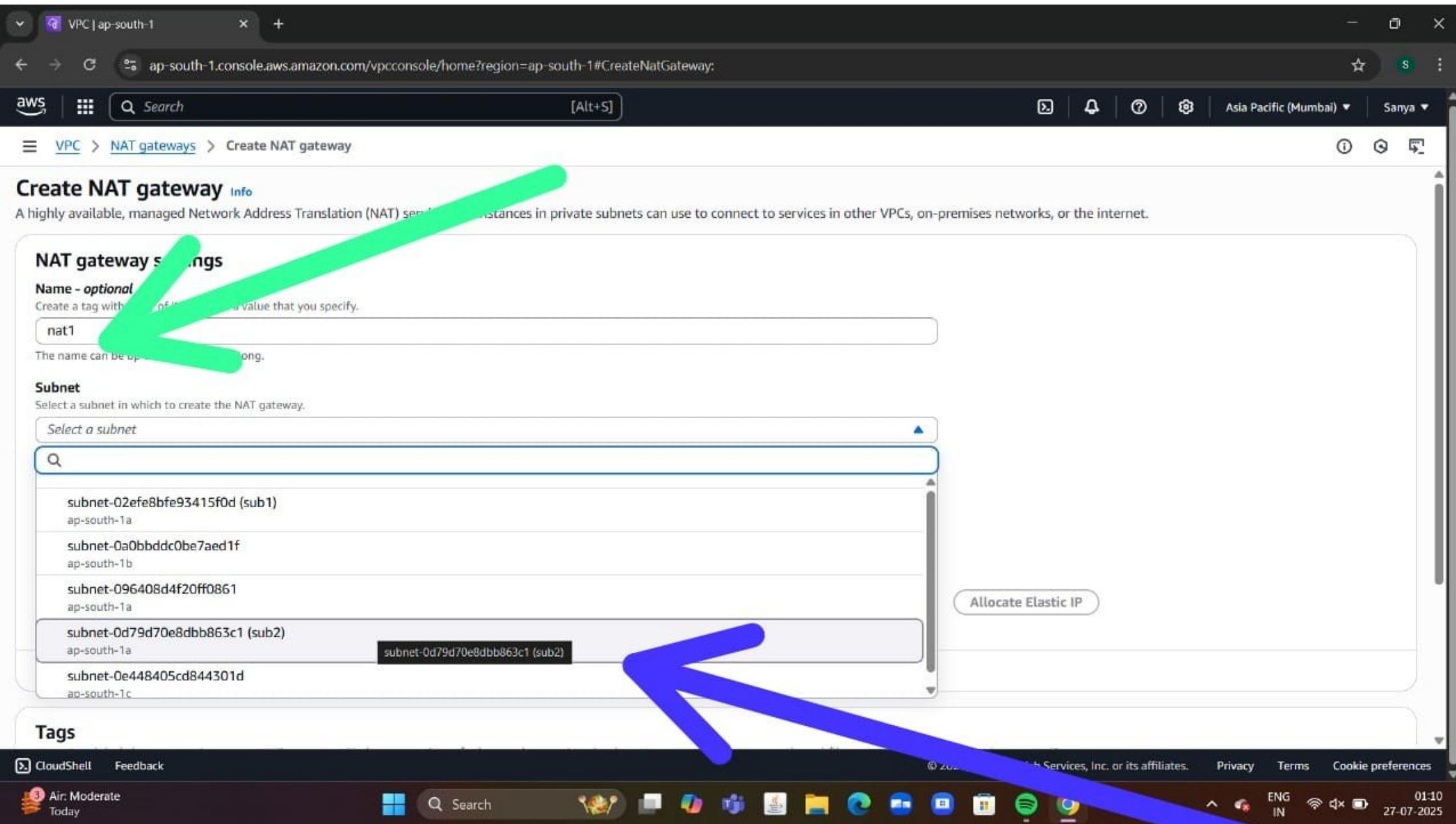
Tags

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Air: Moderate Today

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VPC | ap-south-1

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

aws | Search [Alt+S]

VPC > NAT gateways > Create NAT gateway

Elastic IP address 13.233.38.3 (eipalloc-06dae0fa66a20b26f) allocated.

Select a subnet in which to create the NAT gateway.

subnet-02efe8bfe93415f0d (sub1)

Connectivity type

Select a connectivity type for the NAT gateway.

Public

Private

Elastic IP allocation ID [Info](#)

Assign an Elastic IP address to the NAT gateway.

eipalloc-06dae0fa66a20b26f

Allocate Elastic IP

Additional settings [Info](#)

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 Remove

Add new tag

You can add 49 more tags.

Cancel Create NAT gateway

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Sports headline
Oscar Piastri Po...

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RouteTables | VPC Console

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

aws | Search [Alt+S]

VPC dashboard < Route tables

Route tables (2) Info

Last updated 1 minute ago

Actions Create route table

Find route tables by attribute or tag

| Name | Route table ID | Explicit subnet associ... | Edge associations | Main | VPC |
|------|-----------------------|---------------------------|-------------------|------|---|
| - | rtb-0415d85bb7a0fa51d | - | - | Yes | vpc-095e10769cb5 |
| - | rtb-01b3e700aa82062ed | - | - | Yes | vpc-0053966ea437f9 vpc-0053966ea437f9 |

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DHCP option sets

Elastic IPs

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PrivateLink and Lattice

Getting started Updated

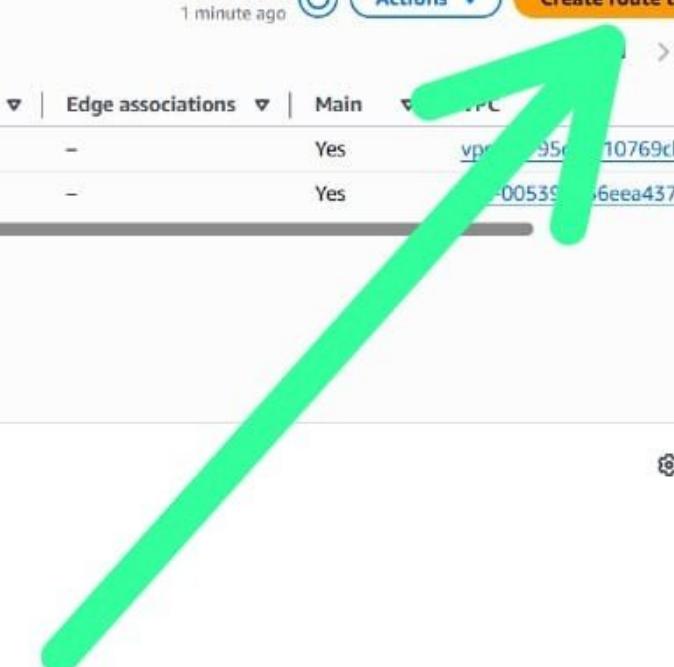
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- **ROUTING TABLE :**

A Route Table is used to control the traffic flow within a VPC. It contains a set of rules (routes) that determine where network traffic is directed based on the destination IP address. Each subnet in a VPC is associated with a route table, which guides traffic either within the VPC, to the internet (via an Internet Gateway), or to other networks (like a VPN or another VPC). Route tables help manage communication between subnets and ensure proper connectivity in cloud environment.

VPC | ap-south-1

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

aws | Search [Alt+S]

VPC | Route tables | Create route table | Asia Pacific (Mumbai) | Sanya

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: ←

VPC
The VPC to use for this route table.
 ↑

✓

Key **Value - optional**

↑ X X Remove

You can add 49 more tags.

or track your AWS costs.

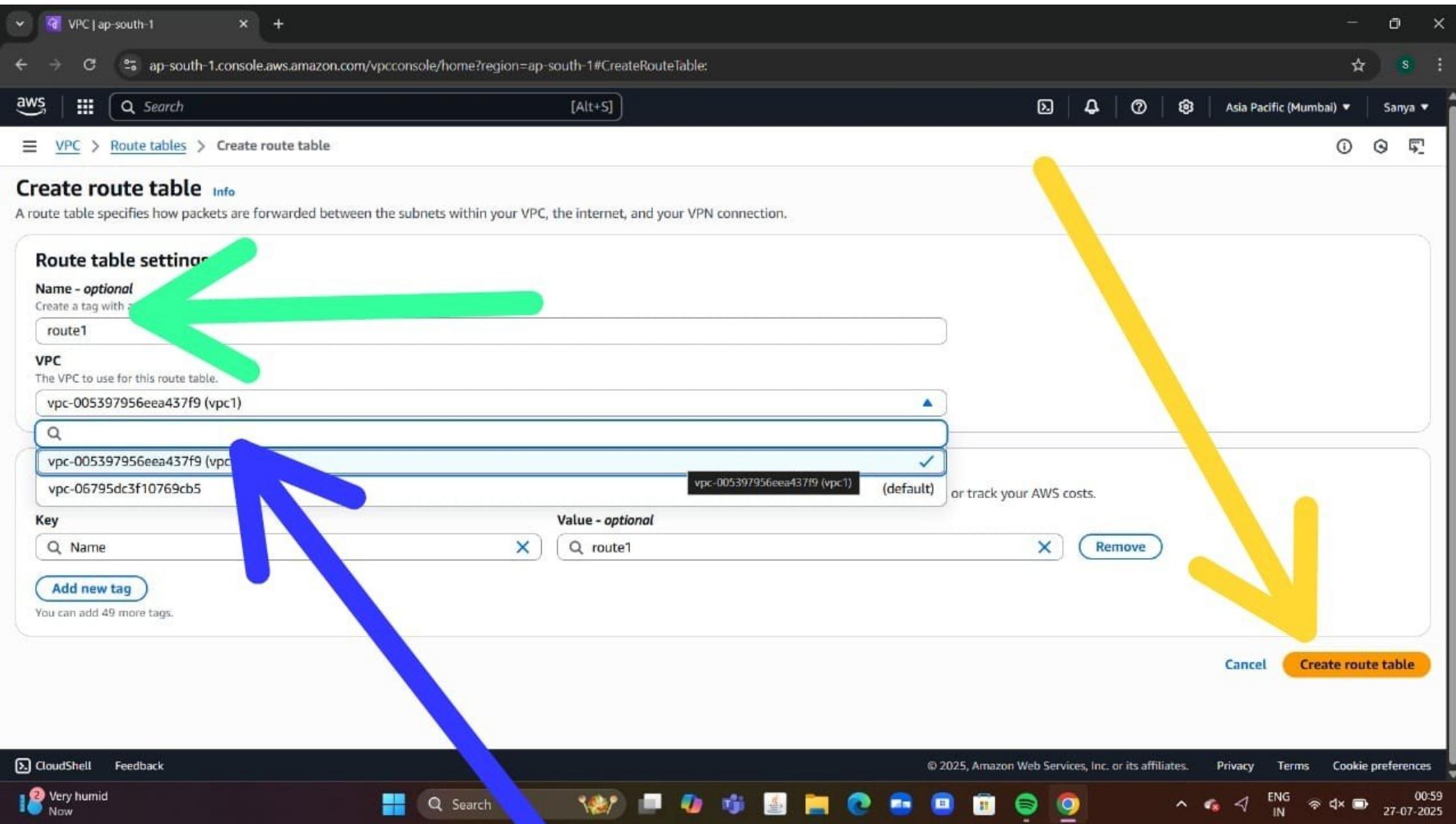
↓ ↓

Cancel Create route table

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Search



RouteTables | VPC Console

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

VPC | Route tables

VPC dashboard < Route tables

EC2 Global View

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CloudShell Feedback

Route table rtb-018c3854d9ef52ad6 | route1 was created successfully.

Last updated less than a minute ago

Actions Create route table

Route tables (1/3) Info

Find route tables by attribute or tag

| Name | Route table ID | Explicit subnet associ... | Edge associations | Main | VPC |
|--------|-----------------------|---------------------------|-------------------|------|-----------------------------|
| - | rtb-0415d85bb7a0fa51d | - | - | Yes | vpc-06795dc3f10769cb5 |
| - | rtb-01b3e700aa82062ed | - | - | Yes | vpc-005397956eea437f9 vpc |
| route1 | rtb-018c3854d9ef52ad6 | - | - | No | vpc-005397956eea437f9 vpc |

rtb-018c3854d9ef52ad6 / route1

Details Routes Subnet associations Edge associations Route propagation Tags

Details

| | | | |
|---|-------------------------------------|-----------------------------------|------------------------|
| Route table ID rtb-018c3854d9ef52ad6 | Main <input type="checkbox"/> No | Explicit subnet associations - | Edge associations - |
| VPC vpc-005397956eea437f9 vpc1 | Owner ID 149696705801 | | |

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RouteTables | VPC Console

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

aws | Search [Alt+S] | VPC | Route tables | Route tables (1/3) | Actions | Create route table | 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 | Getting started | Updated | CloudWatch Feedback | Search | Edge associations | Route propagation | Tags | Edit subnet associations | Find subnet association | Name | Subnet ID | IPv4 CIDR | IPv6 CIDR | No subnet associations | You do not have any subnet associations. | © 2025, Amazon Web Services, Inc. or its affiliates. | Privacy | Terms | Cookie preferences | ENG IN | 01:03 | 27-07-2025

Updated routes for rtb-018c3854d9ef52ad6 / route1 successfully

Route tables (1/3) Info

Last updated less than a minute ago

Actions | Create route table

Find route tables by attribute or tag

| Name | Route table ID | Explicit subnet associ... | Edge associations | ... M... | VPC |
|--|-----------------------|---------------------------|-------------------|-------------|---|
| - | rtb-0415d85bb7a0... | - | - | Yes | vpc-06795dc3f10769cb5 |
| - | rtb-01b3e7004062ed... | - | - | Yes | vpc-005397956eea437f9 vpc-005397956eea437f9 |
| <input checked="" type="checkbox"/> route1 | rtb-018c3854d9ef52ad6 | - | - | No | vpc-005397956eea437f9 vpc-005397956eea437f9 |

rtb-018c3854d9ef52ad6 / route1

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

Explicit subnet associations (0)

Edit subnet associations

Find subnet association

| Name | Subnet ID | IPv4 CIDR | IPv6 CIDR |
|------------------------|-----------|-----------|-----------|
| No subnet associations | | | |

You do not have any subnet associations.

VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRouteTableSubnetAssociations:RouteTableId=rtb-018c3854d9ef52ad6

aws | Search [Alt+S]

VPC > Route tables > rtb-018c3854d9ef52ad6 > Edit subnet associations

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (1/1)

| Name | Subnet ID | IPv4 CIDR | IPv6 CIDR | Route Table ID |
|------|--------------------------|----------------|-----------|------------------------------|
| sub1 | subnet-02efe8bfe93415f0d | 192.168.0.0/24 | - | Main (rtb-018c3854d9ef52ad6) |

Selected

| | |
|-----------------------------|---|
| subnet-02efe8bfe93415f0d b1 | X |
|-----------------------------|---|

Cancel Save associations

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29°C Partly cloudy ENG IN 01:03 27-07-2025

A screenshot of the AWS VPC console showing the 'Edit subnet associations' page. The URL is `ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRouteTableSubnetAssociations:RouteTableId=rtb-018c3854d9ef52ad6`. The page displays a table of available subnets and a list of selected subnets. A green arrow points from the 'Selected' section to the 'Available subnets' table, and a blue arrow points from the 'Save associations' button to the 'Selected' section.

| Name | Subnet ID | IPv4 CIDR | IPv6 CIDR | Route Table ID |
|------|--------------------------|----------------|-----------|------------------------------|
| sub1 | subnet-02efe8bfe93415f0d | 192.168.0.0/24 | - | Main (rtb-018c3854d9ef52ad6) |

| | |
|-----------------------------|---|
| subnet-02efe8bfe93415f0d b1 | X |
|-----------------------------|---|

RouteTables | VPC Console

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

aws | Search [Alt+S]

VPC dashboard < Route tables

VPC dashboard < Route tables (1/3) Info

Last updated 2 minutes ago Actions Create route table

Find route tables by attribute or tag

| Name | Route table ID | Explicit subnet assoc... | Edge associations | Main | VPC |
|--------|-----------------------|--------------------------|-------------------|------|---|
| - | rtb-0415d85bb7a0fa51d | - | - | Yes | vpc-06795dc3f10769cb5 |
| - | rtb-01b3e700aa82062ed | - | - | Yes | vpc-005397956eea437f9 vpc-005397956eea437f9 |
| route1 | rtb-018c3854d9ef52ad6 | - | - | No | vpc-005397956eea437f9 vpc-005397956eea437f9 |

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Actions

Create route table

Details Routes Subnet associations Edge associations Route propagation Tags

Both Edit routes

Routes (1)

Filter routes

| Destination | Target | Status | Propagated |
|----------------|--------|--------|------------|
| 192.168.0.0/16 | local | Active | No |

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ENG IN 01:01 27-07-2025

The screenshot shows the AWS VPC Route Tables console. On the left, there's a sidebar with various VPC-related options like EC2 Global View, Filter by VPC, and a Virtual private cloud section listing Your VPCs, Subnets, Route tables, Internet gateway, Egress-only internet gateways, DHCP option sets, Elastic IPs, Managed prefix lists, NAT gateways, and Peering connections. Below that is a Security section for Network ACLs and Security groups, and a PrivateLink and Lattice section. The main content area is titled 'Route tables (1/3)' and shows a table of route tables. The first two rows are standard route tables, while the third row, 'route1', is selected and highlighted with a blue background. A green arrow points from the left sidebar to this row. A yellow arrow points from the 'route1' row to the 'Routes' tab in the navigation bar below the table. The 'Routes' tab is currently active, displaying a table of routes. A purple arrow points from the 'Edit routes' button in this table to the 'Edit routes' section below it, which contains a single route entry for 192.168.0.0/16 targeting 'local'. The status is 'Active' and propagation is set to 'No'. The top right of the page shows the last update was 2 minutes ago, and there are actions like 'Actions' and 'Create route table' available.

VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-018c3854d9ef52ad6

aws | Search [Alt+S]

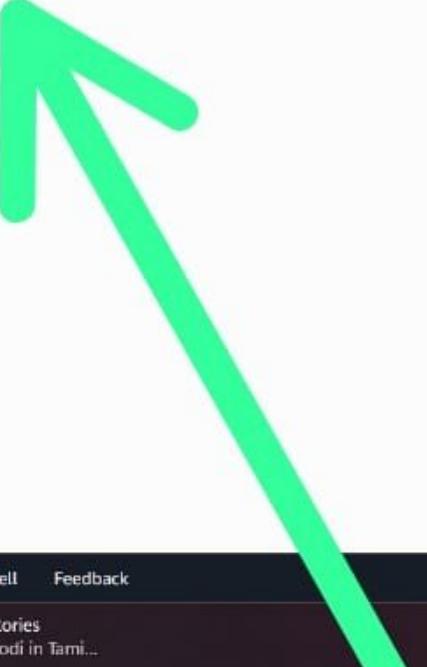
VPC > Route tables > rtb-018c3854d9ef52ad6 > Edit routes

Edit routes

| Destination | Target | Status | Propagated |
|----------------|---|--|------------|
| 192.168.0.0/16 | local | <input checked="" type="checkbox"/> Active | No |
| | <input type="text" value="local"/> X | | |

Add route

Cancel Preview Save changes



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VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-018c3854d9ef52ad6

aws | Search [Alt+S]

VPC > Route tables > rtb-018c3854d9ef52ad6 > Edit routes

Edit routes

| Destination | Target | Status | Propagated |
|----------------|---------|--------|------------|
| 192.168.0.0/16 | local | Active | No |
| Q 0.0.0.0/0 | Q local | - | No |

Use: "0.0.0.0/0"

0.0.0.0/0

0.0.0.0/8

0.0.0.0/16

0.0.0.0/24

0.0.0.0/32

::/0

::/16

::/32

::/48

::/64

pl-0081dd30a0b7c6e7a (com.amazonaws.ap-south-1.ipv6.vpc-)

Remove

Cancel **Preview** **Save changes**

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VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-018c3854d9ef52ad6

aws | Search [Alt+S]

VPC > Route tables > rtb-018c3854d9ef52ad6 > Edit routes

Edit routes

| Destination | Target | Status | Propagated |
|----------------|------------------|--------|------------|
| 192.168.0.0/16 | local | Active | No |
| 0.0.0.0/0 | Internet Gateway | - | No |

Add route

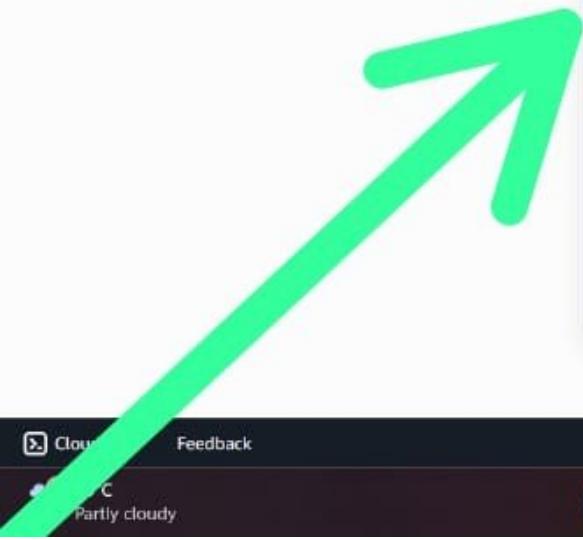
Target dropdown menu:

- local
- Internet Gateway
- Core Network
- Egress Only Internet Gateway
- Gateway Load Balancer Endpoint
- Instance
- Internet Gateway
- local
- NAT Gateway
- Network Interface
- Outpost Local Gateway
- Peering Connection
- Transit Gateway
- Virtual Private Gateway

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VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-018c3854d9ef52ad6

aws | Search [Alt+S]

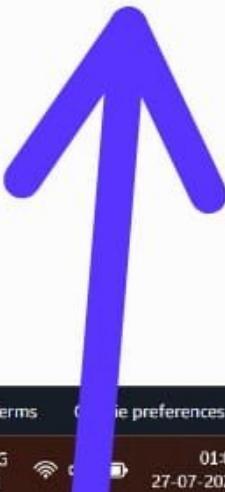
VPC > Route tables > rtb-018c3854d9ef52ad6 > Edit routes

Edit routes

| Destination | Target | Status | Propagated |
|----------------|-------------------------------|-------------------------------|------------|
| 192.168.0.0/16 | local | Active | No |
| 0.0.0.0/0 | Internet Gateway | - | No |
| | igw- | - | |
| | Use: "igw-" | - | |
| | igw-0deff5a33f2ab0a94 (gate1) | igw-0deff5a33f2ab0a94 (gate1) | |

Add route

Cancel Preview Save changes



VPC | ap-south-1

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

aws | Search [Alt+S]

VPC | Route tables | Create route table | Asia Pacific (Mumbai) | Sanya

Create route table

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 and value that you specify.

VPC
The VPC to use for this route table.

Tags
Add tags to identify and track your AWS costs.

| Key | Value - optional |
|--|--|
| <input type="text" value="Name"/> | <input type="text" value="route2"/> (default) |
| <input type="button" value="Add new tag"/> | <input type="button" value="Remove"/> |

You can add 49 more tags.

Create route table

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RouteTables | VPC Console

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

Updated routes for rtb-0302ebfe13329907d / route2 successfully

Details

Route tables (1/4) Info

Last updated less than a minute ago

Actions Create route table

Route table ID Name Explicit subnet associations Edge associations Main VPC

| Route table ID | Name | Explicit subnet associations | Edge associations | Main | VPC |
|-----------------------|--------|------------------------------|-------------------|------|-----------------------|
| rtb-0415d85bb7a0fa51d | - | - | - | Yes | vpc-06795dc3f10769cb5 |
| rtb-01b3e700aa82062ed | - | - | - | Yes | vpc-005397956eea437f9 |
| rtb-018c3854d9ef52ad6 | route1 | subnet-02efebfe93415f... | - | No | vpc-005397956eea437f9 |
| rtb-0302ebfe13329907d | route2 | - | - | No | vpc-005397956eea437f9 |

rtb-0302ebfe13329907d / route2

Details Routes Subnet associations Edge associations Route propagation Tags

Explicit subnet associations (0)

Edit subnet associations

No subnet associations

You do not have any subnet associations.

CloudShell

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ENG IN

VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRouteTableSubnetAssociations:RouteTableId=rtb-0302ebfe13329907d

aws | Search [Alt+S]

VPC > Route tables > rtb-0302ebfe13329907d > Edit subnet associations

Edit subnet associations

Change which subnets are associated with this route table.

Available subnets (1/2)

| Name | Subnet ID | IPv4 CIDR | IPv6 CIDR | Route table ID |
|--|--------------------------|-----------------|-----------|-------------------------------|
| sub1 | subnet-02efe8bfe93415f0d | 192.168.0.0/24 | - | rtb-03c3854d9ef52ad6 / route1 |
| <input checked="" type="checkbox"/> sub2 | subnet-0d79d70e8dbb863c1 | 192.168.16.0/24 | - | Main (rtb-01b3e700aa82062ed) |

Select subnets

subnet-0d79d70e8dbb863c1 / sub2

Cancel

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RouteTables | VPC Console

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

aws | Search [Alt+S] | VPC | Route tables | Filter by VPC | Actions | Create route table | Asia Pacific (Mumbai) | Sanya | Virtual private cloud | Your VPCs | Subnets | Route tables | Internet gateways | Egress-only internet gateways | DHCP option sets | Elastic IPs | Managed prefixes | NAT gateways | Peering connections | Security | Network ACLs | Security groups | PrivateLink and Lattice | Getting started | Endpoints | FHIR point services | CloudShell | Feedback | © 2025, Amazon Web Services, Inc. or its affiliates. | Privacy | Terms | Cookie preferences | 01:13 | 27-07-2025

Route tables (1/4) Info

Last updated less than a minute ago

Actions | Create route table

Find route tables by attribute or tag

| Name | Route table ID | Explicit subnet associations | Edge associations | Main | VPC |
|--------|-----------------------|------------------------------|-------------------|------|--------------------------|
| - | rtb-0185bb7a0fa51d | - | - | Yes | vpc-06795dc3f19cb5 |
| - | rtb-01b3e700aa82062ed | - | - | Yes | vpc-005397956437f9 vpc |
| route1 | rtb-018c3854d9ef52ad6 | subnet-02efe8bfe93415f... | - | No | vpc-005397956437f9 vpc |
| route2 | rtb-0302ebfe13329907d | - | - | No | vpc-005397956437f9 vpc |

tb-0302ebfe13329907d | route2

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

Both | Edit routes

Routes (1)

Filter routes

| Destination | Target | Status | Propagated |
|----------------|--------|--------|------------|
| 192.168.0.0/16 | local | Active | No |

4 Trending videos: Stranger Things...

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VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-0302ebfe13329907d

aws | Search [Alt+S]

VPC > Route tables > rtb-0302ebfe13329907d > Edit routes

Edit routes

| Destination | Target | Status | Propagated |
|----------------|---|--|------------|
| 192.168.0.0/16 | local | <input checked="" type="checkbox"/> Active | No |
| | <input type="text" value="local"/> X | | |

Add route

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VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-0302ebfe13329907d

aws | Search [Alt+S]

VPC > Route tables > rtb-0302ebfe13329907d > Edit routes

Edit routes

| Destination | Target | Status | Propagated |
|----------------|---------|--------|------------|
| 192.168.0.0/16 | local | Active | No |
| Q 0.0.0.0/0 | Q local | - | No |

Use: "0.0.0.0/0"

0.0.0.0/0

0.0.0/8

0.0.0/16

0.0.0/24

0.0.0/32

::/0

::/16

::/32

::/48

::/64

pl-0081dd30a0b7c6e7a (com.amazonaws.ap-south-1.ipv6.vpc-)

Remove

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VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-0302ebfe13329907d

aws | Search [Alt+S]

VPC > Route tables > rtb-0302ebfe13329907d > Edit routes

Edit routes

| Destination | Target | Status | Propagated |
|----------------|--------|--------|------------|
| 192.168.0.0/16 | local | Active | No |
| 0.0.0.0/0 | local | - | No |

Add route

Target dropdown menu:

- Core Network
- Egress Only Internet Gateway
- Gateway Load Balancer Endpoint
- Instance
- Internet Gateway
- local
- NAT Gateway
 - Network Interface
- Outpost Local Gateway
- Peering Connection
- Transit Gateway
- Virtual Private Gateway

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VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#EditRoutes:RouteTableId=rtb-0302ebfe13329907d

aws | Search [Alt+S]

VPC > Route tables > rtb-0302ebfe13329907d > Edit routes

Edit routes

| Destination | Target | Status | Propagated |
|----------------|------------------------------|--------|------------|
| 192.168.0.0/16 | local | Active | No |
| 0.0.0.0/0 | NAT Gateway | - | No |
| | nat | - | |
| | Use: "nat-" | - | |
| | nat-05210f123332fea6f (nat1) | - | |

Add route

Cancel Preview Save changes

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Trending videos Stranger Things... Search

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subnets | VPC Console

Home | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Overview:

Search [Alt+S]

Amazon | Asia Pacific (Mumbai) | Sanya

EC2

Compute

Amazon Elastic Compute Cloud (EC2)

Create, manage, and monitor virtual servers in the cloud.

Amazon Elastic Compute Cloud (Amazon EC2) offers the broadest and deepest compute platform, with over 600 instance types and a choice of the latest processors, storage, networking, operating systems, and purchase models to help you best match the needs of your workload.

Launch a virtual server

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Launch instance

View dashboard

Benefits and features

EC2 offers ultimate scalability and control

Fully resizable compute capacity to support virtually any workload. This service is best if you want:

- Highest level of control of the entire technology stack, allowing full integration with all AWS services
- Widest variety of server size options
- Widest availability of operating systems to choose from including Linux, Windows, and macOS
- Global scalability

Get started

Take our walkthroughs to help you launch an instance, learn about EC2 best practices, and set up your account.

Get started walkthroughs

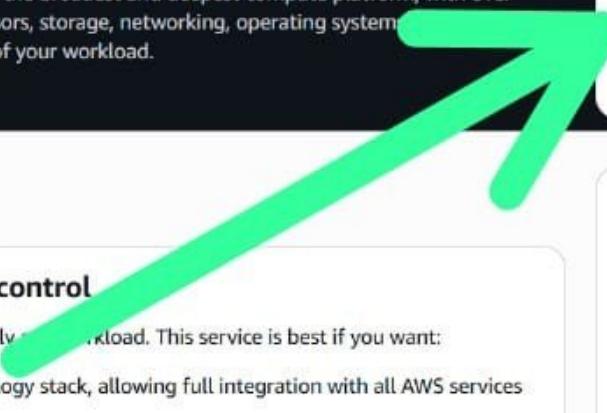
Get started tutorial

CloudShell Feedback

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subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 Instances Launch an instance

Name and tags Info

Name Add additional tags

Application and OS Images (Amazon Machine Image) Info

An AMI contains the operating system, application server, and applications for your instance. If you don't see a suitable AMI below, use the search field or choose [Browse more AMIs](#).

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

Recents Quick Start

Amazon Linux AWS macOS Ubuntu Windows Red Hat SUSE Linux Debian

ubuntu Microsoft SUSE Red Hat

Amazon Machine Image (AMI)

Amazon Linux 2023 kernel-6.1 AMI
ami-0d0ad8bb301edb745 (64-bit (x86), uefi-preferred) / ami-0173c04c4bfce9148 (64-bit (Arm), uefi)
Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Summary

Number of instances Info 1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2... [read more](#)
ami-0d0ad8bb301edb745

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

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

ⓘ Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable). [Learn more](#) [X](#)

Cancel Launch instance Preview code

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subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

aws | Search [Alt+S]

EC2 > Instances > Launch an instance

Application and OS Images (Amazon Machine Image) [Info](#)

An AMI contains the operating system, application server, and applications for your instance. If you don't see a suitable AMI below, use the search field or choose [Browse more AMIs](#).

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

Recents Quick Start

Amazon Linux macOS Ubuntu Windows Red Hat SUSE Linux Debian

Amazon Linux macOS Ubuntu Windows Red Hat SUSE Linux Debian

Microsoft Windows Server 2025 Base ami-05b85154f69f6bcb3 (64-bit (x86)) Free tier eligible

Description Microsoft Windows 2025 Datacenter edition. [English]

Microsoft Windows Server 2025 Full Locale English AMI provided by Amazon

Architecture 64-bit (x86) AMI ID ami-05b85154f69f6bcb3 Publish Date 2025-07-10 Username Administrator Verified product

Summary

Number of instances 1

Software Image (AMI) Microsoft Windows Server 2025 ... [read more](#) ami-05b85154f69f6bcb3

Virtual server type (instance type) t3.micro

Firewall (security group) New security group

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

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable). [Learn more](#) [X](#)

Cancel Launch instance Preview code

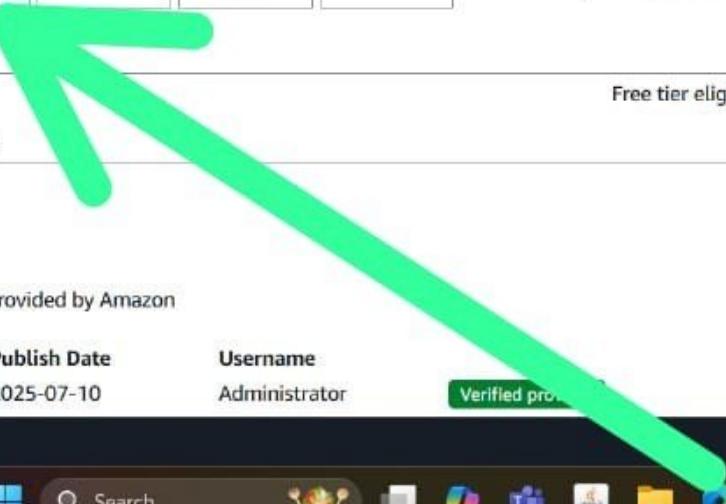
CloudShell Feedback

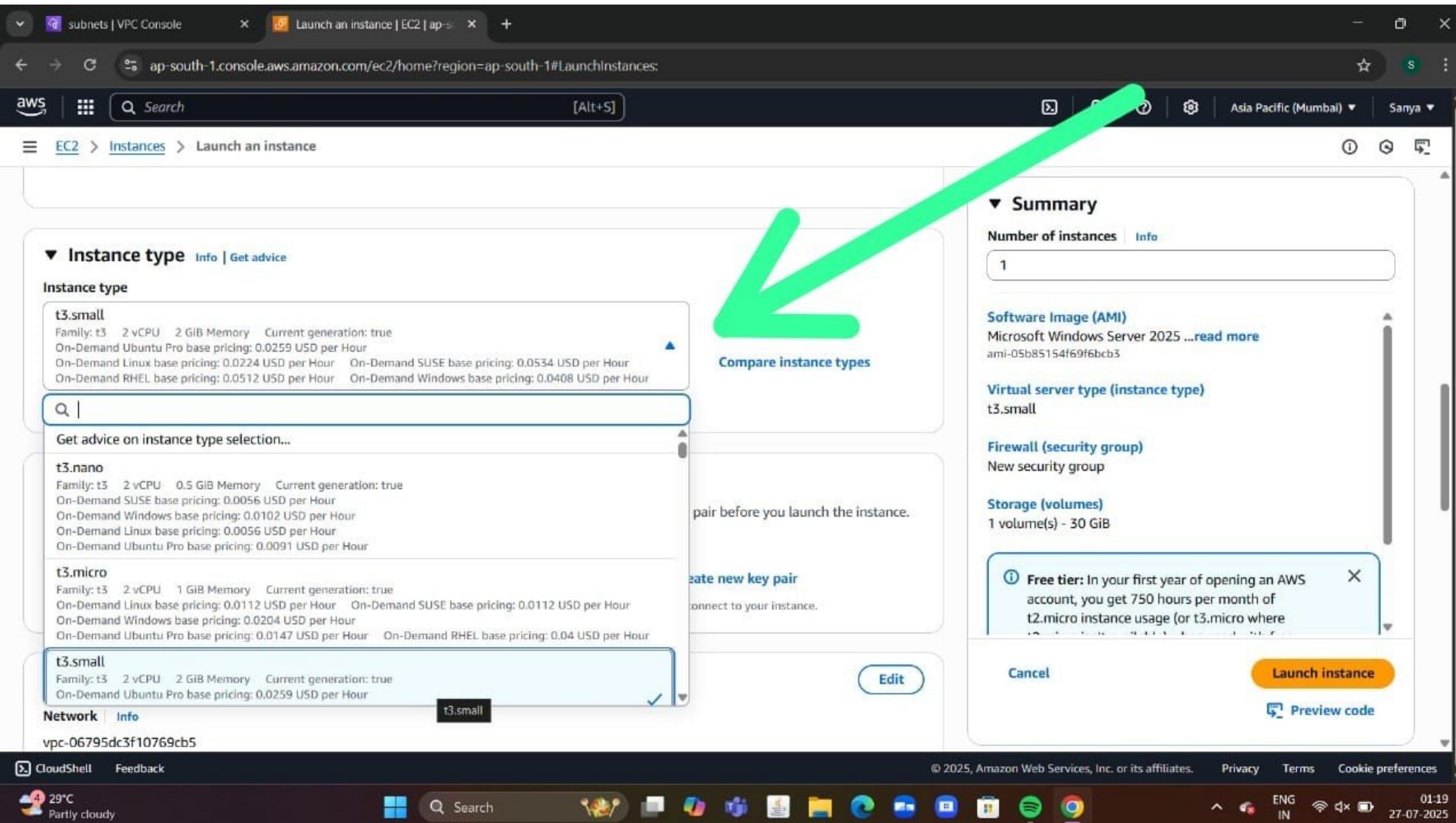
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subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 > Instances > Launch an instance

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

keypair01

Create new key pair

password to connect to your instance.

Proceed without a key pair (Not recommended)

Default value

Edit

amz
Type: rsa

oggy
Type: rsa

keypair01
Type: rsa

shee
Type: rsa

shuu
Type: rsa

sisimanu
Type: rsa

hi

Create security group

Select existing security group

Well create a new security group called `aws-lab-2023` with the following rules:

Summary

Number of instances [Info](#)

1

Software Image (AMI)

Microsoft Windows Server 2025 ...[read more](#)
ami-05b85154f69f6bcb3

Virtual server type (instance type)

t3.small

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 GiB

i Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable). [Learn more](#)

Cancel

Launch instance

Preview code

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subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 > Instances > Launch an instance

Key pair name - required

keypair01

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

Network

vpc-06795dc3f10769cb5

Subnet

No preference (Default subnet in any availability zone)

Auto-assign public IP

Enable

Additional charges apply when outside of free tier allowance

Firewall (security groups)

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

We'll create a new security group called 'launch-wizard-20' with the following rules:

Allow RDP traffic from Anywhere
Helps you connect to your instance

Allow HTTPS traffic from the internet To set up an endpoint, for example when creating a web server

Summary

Number of instances

1

Software Image (AMI)

Microsoft Windows Server 2025 ...read more
ami-05b85154f69f6bcb3

Virtual server type (instance type)

t3.small

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 GiB

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable). Learn more

Cancel

Launch instance

Preview code

CloudShell

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Search

01:17 27-07-2025



subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 > Instances > Launch an instance

Summary

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2025 ... [read more](#)

Virtual server type (instance type): t3.small

Firewall (security group): New security group

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

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable). [Learn more](#)

Create security group

Select existing security group

Security group name - required: launch-wizard-21

Description - required: launch-wizard-21 created 2025-07-26T19:49:13.395Z

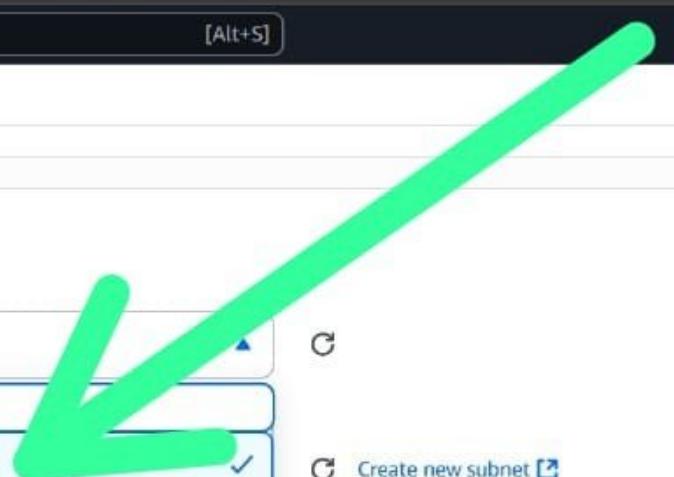
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01:20 27-07-2025



subnets | VPC Console Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 > Instances > Launch an instance

Network settings

VPC - required

vpc-005397956eea437f9 (vpc1)
192.168.0.0/16

Subnet

subnet-02efe8bfe93415f0d sub1
VPC: vpc-005397956eea437f9 Owner: 149696705801 Availability Zone: ap-south-1a
Zone type: Availability Zone IP addresses available: 250 CIDR: 192.168.0.0/24

subnet-02efe8bfe93415f0d sub1
VPC: vpc-005397956eea437f9 Owner: 149696705801 Availability Zone: ap-south-1a
IP addresses available: 250 CIDR: 192.168.0.0/24

subnet-0d79d70e8dbb863c1 sub2
VPC: vpc-005397956eea437f9 Owner: 149696705801 Availability Zone: ap-south-1a
IP addresses available: 251 CIDR: 192.168.16.0/24

Security group name - required

launch-wizard-20

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and _-:/()#@[]+=;&;!\$^

Description - required

launch-wizard-20 created 2025-07-26T19:45:53.926Z

Summary

Number of instances: 1

Software Image (AMI)

Microsoft Windows Server 2025 ...[read more](#)
ami-05b85154f69f6bcb3

Virtual server type (instance type)

t3.small

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 GiB

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable).

Cancel

Launch instance

Preview code

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Search

01:17 27-07-2025



subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 > Instances > Launch an instance

Network settings

VPC - required

vpc-005397956eea437f9 (vpc1)
192.168.0.0/16

Subnet

subnet-02efe8bfe93415f0d
VPC: vpc-005397956eea437f9 Owner: 123456789012 Availability Zone: ap-south-1a IP address range: 192.168.0.0/24

Create new subnet

Auto-assign public IP

Enable (selected)

Enable

Disable

Create security group (radio button selected)

Select existing security group

Security group name - required

launch-wizard-20

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and _-./()#,@[]+=;&;\$^*

Description - required

launch-wizard-20 created 2025-07-26T19:45:53.926Z

Summary

Number of instances

1

Software Image (AMI)

Microsoft Windows Server 2025 ...read more
ami-05b85154f69f6bc3

Virtual server type (instance type)

t3.small

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 GiB

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable).

Cancel

Launch instance

Preview code

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Search

01:18 27-07-2025

subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 > Instances > Launch an instance

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

Type: rdp

Protocol: TCP

Port range: 3389

Source type: Anywhere

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

Remove

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

Type: All traffic

Protocol: All

Port range: All

Source type: Anywhere

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

Remove

Security group rule 3 (TCP, 80, 0.0.0.0/0)

Type: HTTP

Protocol: TCP

Port range: 80

Source type: Anywhere

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

Remove

Summary

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2025 ...read more

Virtual server type (instance type): t3.small

Firewall (security group): New security group

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

Free tier: In your first year of operating a AWS account, you get 750 hours of free usage of t2.micro instance usage (or equivalent Lambda requests).

Cancel

Launch instance

Preview code

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- **SECURITY GROUPS :**

A Security Group acts like a virtual firewall for EC2 instances to control inbound and outbound traffic. We can define rules to allow specific IP addresses, ports, or protocols, but all traffic is denied by default unless explicitly allowed. Security groups are stateful, meaning if we allow inbound traffic, the response is automatically allowed outbound. They help secure resources by tightly controlling who can access them and how.

subnets | VPC Console Instances | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:

aws Search [Alt+S]

EC2 Instances

EC2 Instances (1) Info

Last updated less than a minute ago

Find Instance by attribute or tag (case-sensitive)

All states

Instances (1) Info

| Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone | Public IP |
|--------|---------------------|----------------|---------------|--------------|---------------|-------------------|-----------|
| public | i-05d6e08c9f0ad10eb | Running | t3.small | Initializing | View alarms + | ap-south-1a | - |

Select an instance

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Search

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subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 Instances Launch an instance

Amazon EC2 allows you to create virtual machines, or instances, that run in the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags

Name: private

Add additional tags

Application and OS Images (Amazon Machine Images)

An AMI contains the operating system, application server, and applications required for your instance. If you don't see a suitable AMI below, use the search field or choose [Browse more AMIs](#).

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

Recents Quick Start

Amazon Linux macOS Ubuntu Windows Red Hat SUSE Linux Debian

Microsoft Red Hat SUSE debian

Browse more AMIs Including AMIs from AWS, Marketplace and the Community

Free tier eligible

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2025 ... [read more](#)
ami-05b85154f69f6bcb3

Virtual server type (instance type): t3.micro

Firewall (security group): New security group

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

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable). [Learn more](#)

Cancel Launch instance Preview code

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subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 > Instances > Launch an instance

Summary

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2025 ... [read more](#)
ami-05b85154f69f6bcb3

Virtual server type (instance type): t3.small

Firewall (security group): New security group

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

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable). [Learn more](#)

Cancel

Launch instance

Preview code

Instance type: t3.small

All generations

Compare instance types

Get advice on instance type selection...

t3.nano

Family: t3 2 vCPU 0.5 GiB Memory Current generation: true
On-Demand SUSE base pricing: 0.0056 USD per Hour
On-Demand Windows base pricing: 0.0102 USD per Hour
On-Demand Linux base pricing: 0.0056 USD per Hour
On-Demand Ubuntu Pro base pricing: 0.0091 USD per Hour

t3.micro

Family: t3 2 vCPU 1 GiB Memory Current generation: true
On-Demand Linux base pricing: 0.0112 USD per Hour On-Demand SUSE base pricing: 0.0112 USD per Hour
On-Demand Windows base pricing: 0.0204 USD per Hour
On-Demand Ubuntu Pro base pricing: 0.0147 USD per Hour On-Demand RHEL base pricing: 0.04 USD per Hour

t3.small

Family: t3 2 vCPU 2 GiB Memory Current generation: true
On-Demand Ubuntu Pro base pricing: 0.0259 USD per Hour

Network

CloudShell

Feedback

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ENG IN

subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 > Instances > Launch an instance

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

oggv Info

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-06795dc3f10769cb5

Subnet Info

No preference (Default subnet in any availability zone)

Auto-assign public IP Info

Enable

Additional charges apply when outside of free tier allowance.

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

We'll create a new security group called 'Launch-wizard-21' with the following rules:

Summary

Number of instances Info

1

Software Image (AMI)

Microsoft Windows Server 2025 ... read more

ami-05b85154f69f6bcb3

Virtual server type (instance type)

t3.small

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 GiB

i Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable). X

Cancel

Launch instance

Preview code

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Search

01:20 27-07-2025

subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 > Instances > Launch an instance

Key pair name - required

keypair01

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

VPC - required

vpc-005397956eea437f9 (vpc1)
192.168.0.0/16

vpc-005397956eea437f9 (vpc1)
192.168.0.0/16

vpc-06795dc3f10769cb5
172.31.0.0/16

Disable

Firewall (security groups)

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

Security group name - required

launch-wizard-20

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-zA-Z0-9-_.!

CloudShell Feedback

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Search

01:17 27-07-2025

Summary

Number of instances 1

Software Image (AMI)

Microsoft Windows Server 2025 ...read more
ami-05b85154f69f6bcb3

Virtual server type (instance type)

t3.small

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 GiB

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable).

Cancel Launch instance Preview code



subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 > Instances > Launch an instance

Summary

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2025 ...[read more](#)

Virtual server type (instance type): t3.small

Firewall (security group): New security group

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

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable).

Cancel

Launch instance

Preview code

Network settings

VPC - required

vpc-005397956eea437f9 (vpc1)
192.168.0.0/16

Subnet

subnet-0d79d70e8dbb863c1
VPC: vpc-005397956eea437f9 Owner: 149696705801 Availability Zone: ap-south-1a
Zone type: Availability Zone IP addresses available: 251 CIDR: 192.168.16.0/24

subnet-02efe8bfe93415f0d
VPC: vpc-005397956eea437f9 Owner: 149696705801 Availability Zone: ap-south-1a
Zone type: Availability Zone IP addresses available: 249 CIDR: 192.168.0.0/24

subnet-0d79d70e8dbb863c1
VPC: vpc-005397956eea437f9 Owner: 149696705801 Availability Zone: ap-south-1a
Zone type: Availability Zone IP addresses available: 251 CIDR: 192.168.16.0/24

Security group name - required

launch-wizard-21

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and _-:/()#@+=&;!\$^

Description - required

launch-wizard-21 created 2025-07-26T19:49:13.395Z

CloudShell Feedback

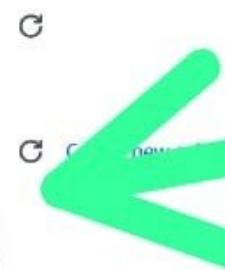
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Search

01:20 27-07-2025



subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 > Instances > Launch an instance

subnet-0d79d70e8dbb863c1

VPC: vpc-005397956geaa437f9 Owner: 149696705801 Availability Zone: ap-south-1a

Zone type: Availability Zone IP addresses available: 251 Range: 192.168.16.0/24

sub2

Create new subnet

Auto-assign public IP

Disable

Firewall (security groups)

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

Security group name - required

launch-wizard-21

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and _-:/()\#@+=&;@\$^

Description - required

launch-wizard-21 created 2025-07-26T19:49:13.395Z

Inbound Security Group Rules

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

Remove

Type: rdp

Protocol: TCP

Port range: 3389

Source type: Anywhere

Source: Add CIDR, prefix list or security group

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

▼ Summary

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2025 ...read more ami-05b85154f69f6bcb3

Virtual server type (instance type): t3.small

Firewall (security group): New security group

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

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable). Details

Cancel

Launch instance

Preview code

CloudShell Feedback

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subnets | VPC Console

Launch an instance | EC2 | ap-south-1

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

Search [Alt+S]

EC2 > Instances > Launch an instance

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

Type: rdp

Protocol: TCP

Port range: 3389

Source type: Anywhere

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

Remove

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

Type: All traffic

Protocol: All

Port range: All

Source type: Anywhere

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

Remove

Security group rule 3 (TCP, 80, 0.0.0.0/0)

Type: HTTP

Protocol: TCP

Port range: 80

Source type: Anywhere

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

Remove

▼ Summary

Number of instances: 1

Software Image (AMI): Microsoft Windows Server 2022 Datacenter (64-bit) - ami-05b85154f69f6bcb3

Virtual server type (instance type): t3.small

Firewall (security group): New security group

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

Free tier: In your first year of opening an account, you get 750 hours per month of t2.micro instance usage (or t3.micro where applicable).

Cancel

Launch instance

Preview code

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subnets | VPC Console Instances | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:

Search [Alt+S]

EC2 Instances

EC2 Instances (1/2) Info

Last updated less than a minute ago

Find Instance by attribute or tag (case-sensitive)

Alarms ▾

Actions ▾ Launch instances ▾

Name Instance ID Instance state Instance type Alarms check Alarm status Availability Zone Public IP

| Name | Instance ID | Instance state | Instance type | Alarms check | Alarm status | Availability Zone | Public IP |
|---------|---------------------|----------------|---------------|-------------------|-------------------------------|-------------------|-----------|
| private | i-07985d8350841f6a6 | Running | t3.small | Unhealthy | View alarms + | ap-south-1a | - |
| public | i-05d6e08c9f0ad10eb | Running | t3.small | 5/3 checks passed | View alarms + | ap-south-1a | - |

< 1 > ⚙

5a 08c9f0ad10eb (public)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID i-05d6e08c9f0ad10eb

Public IPv4 address 65.2.132.89 | open address

Private IPv4 addresses 192.168.0.186

IPv6 address -

Instance state Running

Public DNS -

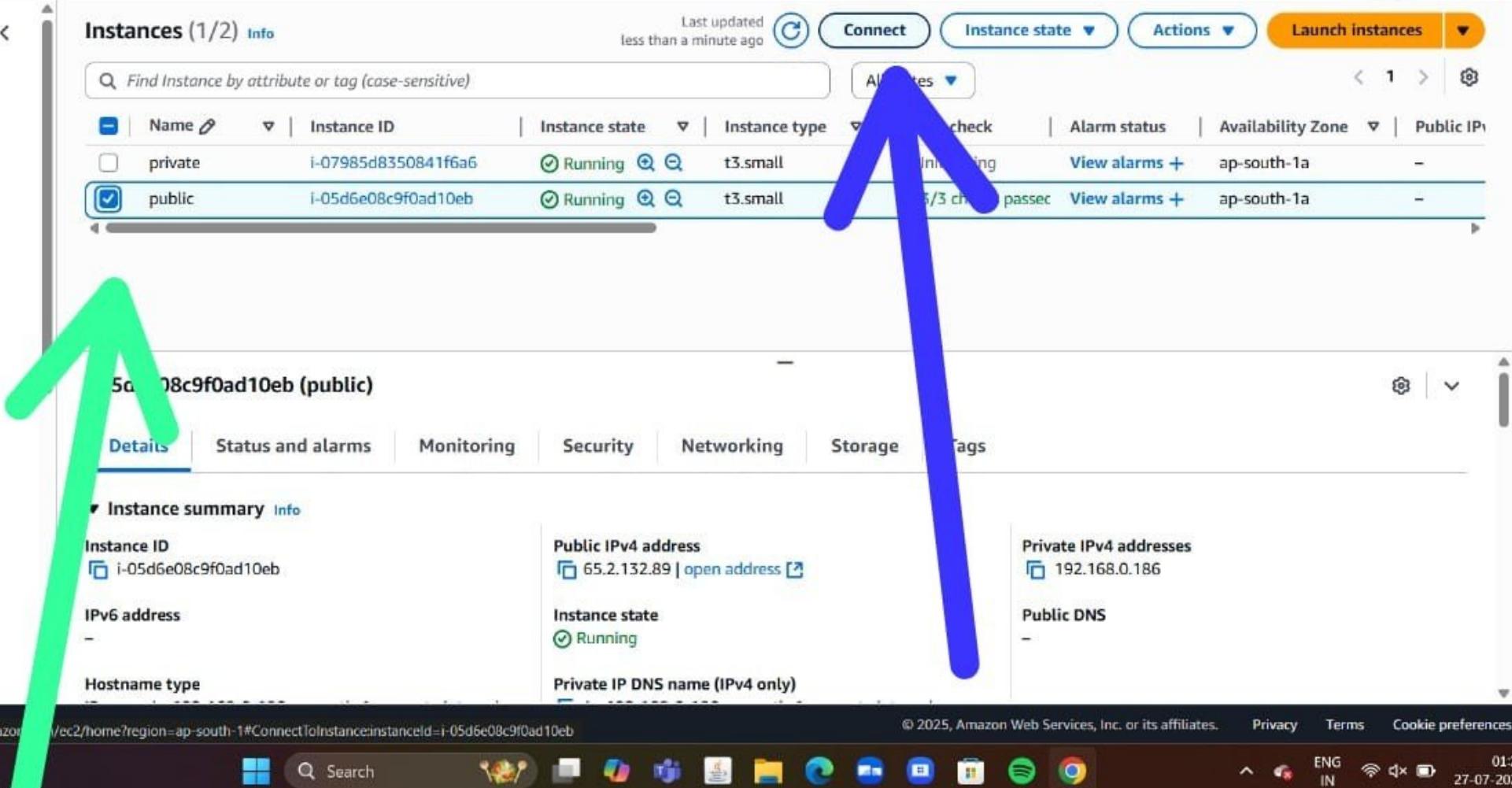
Hostname type

Private IP DNS name (IPv4 only)

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ENG IN 01:22 27-07-2025



subnets | VPC Console

Connect to instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstance:instanceId=i-05d6e08c9f0ad10eb

aws | Search [Alt+S]

EC2 > Instances > i-05d6e08c9f0ad10eb > Connect to instance

Session Manager RDP client EC2 serial console

Record RDP connections You can now record RDP connections to this instance using AWS Systems Manager just-in-time node access. [Learn more](#)

Try for free

Instance ID: i-05d6e08c9f0ad10eb (public)

Connection Type:

Connect using RDP client Download a file to use with your RDP client or retrieve your credentials.

Connect using Fleet Manager To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see [Working with SSM Agent](#)

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

[Download remote desktop file](#)

When prompted, connect to your instance using the following username and password:

Public IP: 65.2.132.89

Username info: Administrator

Password: Get password

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

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Cloud Shell Search File Explorer Task View Taskbar

01:23 27-07-2025

subnets | VPC Console

Get windows password | EC2

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#GetWindowsPassword:instanceId=i-05d6e08c9f0ad10eb;previousPlace=ConnectToInstance;lang=English

Search [Alt+S]

EC2 Instances i-05d6e08c9f0ad10eb Get Windows password

Get Windows password Info

Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.

Instance ID
 i-05d6e08c9f0ad10eb (public)

Key pair associated with this instance
 keypair01

Private key
Either upload your private key file or copy and paste its contents into the field below.

Upload private key file

Private key contents - optional

Private key contents

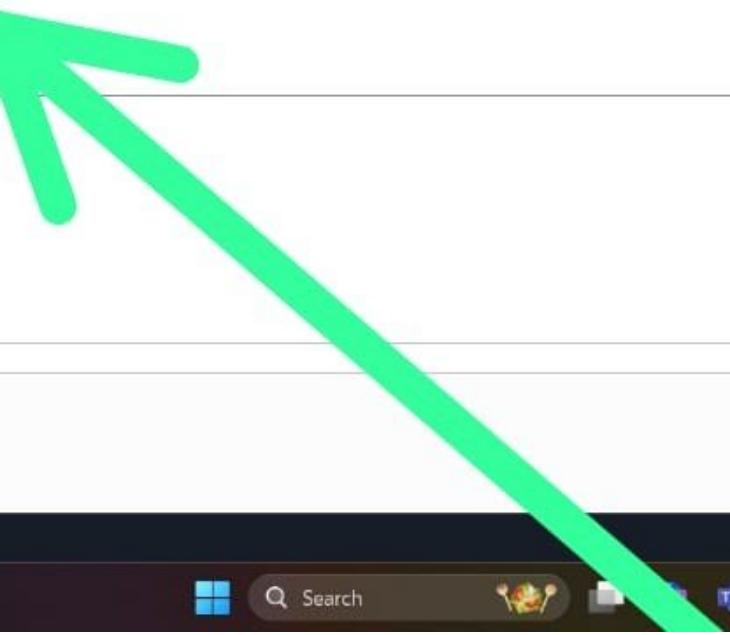
Cancel Decrypt password

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Rainy days ahead 29°C

Cloud Shell Search File Explorer Task View Spotify Google Chrome

01:23 ENG IN 27-07-2025



subnets | VPC Console

Get windows password | EC2

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#GetWindowsPassword:instanceId=i-05d6e08c9f0ad10eb;previousPlace=ConnectToInstance;lang=English

aws | Search [Alt+S]

EC2 > Instances > i-05d6e08c9f0ad10eb > Get Windows password

Get Windows password Info

Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.

Instance ID
 i-05d6e08c9f0ad10eb (public)

Key pair associated with this instance
 keypair01

Private key
Either upload your private key file or copy the contents into the field below.

keypair01.pem 1.678KB

Private key contents - optional

```
-----BEGIN RSA PRIVATE KEY-----  
MIIEpAIBAAKCAQEAxouwG5/+jWn8Fjpq5kucT+LUzdrpT5J2bkX52KNHbNi2G3tn  
2tissudPad+Zf3DnRLUEhj7BY/2H7/t0QypfllULjTjr4bBRzpk8/SVgB35r0755  
Aoro7t+TEHbEG/Z57anK+6dS5lzMmNQ+PBqrRftOs8htpaBzyHZ7JBTrAZbNy8t  
8JMeaXqW5xeGtGFk+SYhILHRucfYNFuluLvcYUlcTsAs1JgPx4VFen6+q3v6cYwW  
Nfd9ehnKsTB8LsYhHrQ3AbzDocvRi4MrL3RY5J4C3jYVSfDDsp3H7XVv1NY3qVF  
4sHyecQjVsYS6wg7xq2RwRbi3JYWoSAsHCZICwIDAQABAoIBAQDEvXSxcMKQBL68  
IASL0c7BxmbS0zHLnLloSkTqq9lB/XhuwRlHXb+7w8QliH5FL26rwagLErJ1z6vd
```

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subnets | VPC Console

Connect to instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstance:instanceId=i-05d6e08c9f0ad10eb

aws | Search [Alt+S]

EC2 > Instances > i-05d6e08c9f0ad10eb > Connect to instance

Instance ID
i-05d6e08c9f0ad10eb (public)

Connection Type
 Connect using RDP client
Download a file to use with your RDP client and retrieve your password.

You can connect to your Windows instance using a remote desktop client.

[Download remote desktop file](#)

When prompted, connect to your instance using the following user name and password.

Public IP
65.2.132.89
 Password copied
sbky8)zFRu*wZb@!aklB7\$Y9dz3aTxKC

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

Remote Desktop Connection security warning

The publisher of this remote connection can't be identified. Do you want to connect anyway?

This remote connection could harm your local or remote computer. Do not connect unless you know where this connection came from or have used it before.

Publisher: Unknown publisher
Type: Remote Desktop Connection
Remote computer: 65.2.132.89

Don't ask me again for connections to this computer
[Show Details](#) [Connect](#) [Cancel](#)

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subnets | VPC Console

Connect to instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstance:instanceId=i-05d6e08c9f0ad10eb

Search [Alt+S]

EC2 Instances i-05d6e08c9f0ad10eb Connect to instance

Instance ID i-05d6e08c9f0ad10eb (public)

Connection Type

Connect using RDP client

Download remote desktop file

You can connect to your Windows instance using a remote desktop client of your choice.

When prompted for credentials to your instance using the following username and password:

Public IP 65.2.132.89

sbky8)zFRu*wZb@!akIB7\$Y9dz3aTxKC

>Password copied

If you've joined your instance to a directory, you can use your domain credentials.

Windows Security

Enter your credentials

These credentials will be used to connect to 65.2.132.89.

Administrator

Password

Samsung_Galaxy\Administrator

Remember me

More choices

OK Cancel

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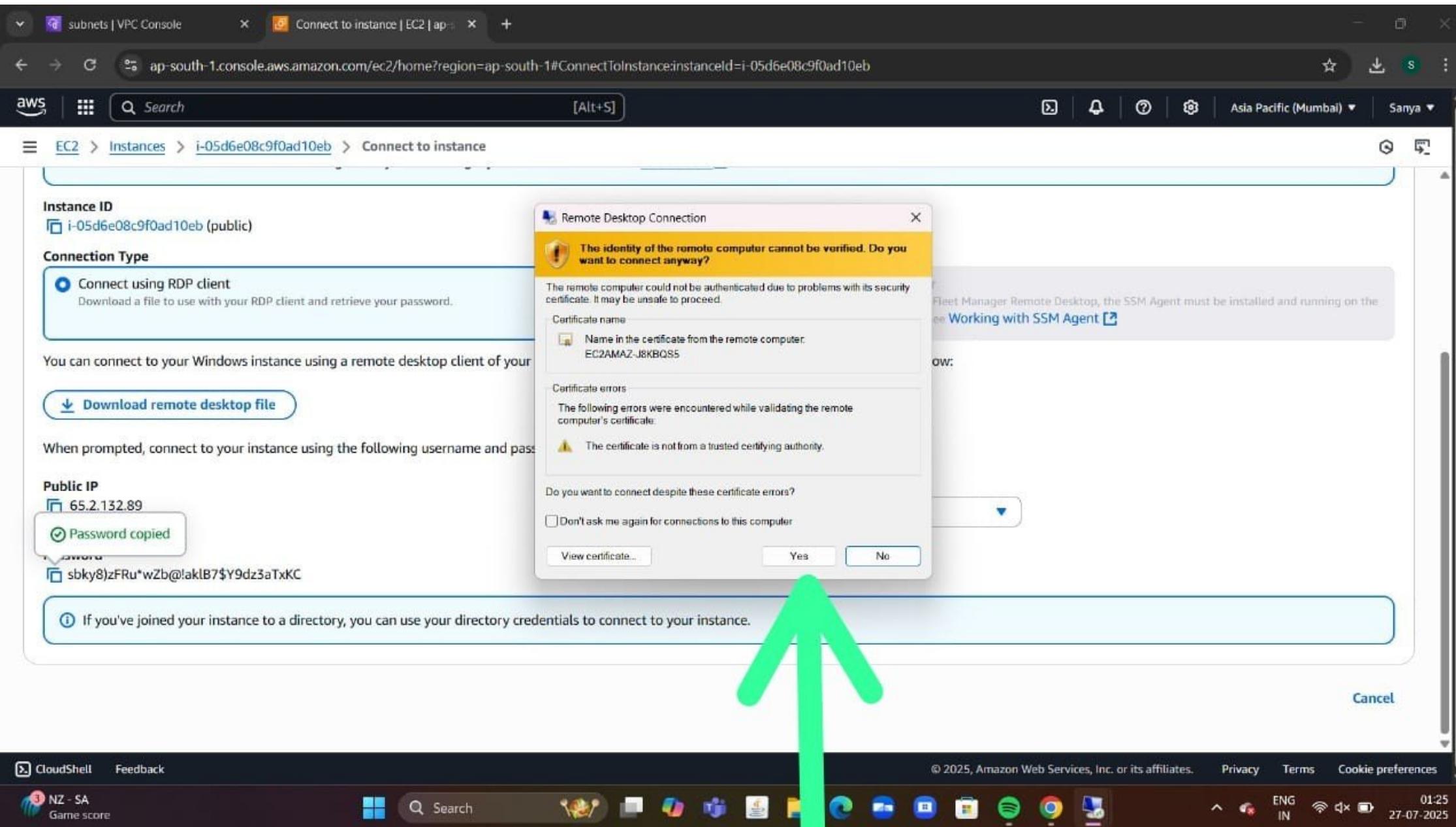
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NZ - SA Game score

Cloud Shell Search

01:25 27-07-2025

The screenshot shows the AWS EC2 'Connect to instance' interface. It displays the instance ID (i-05d6e08c9f0ad10eb), connection type (RDP client), and public IP (65.2.132.89). A green arrow highlights the 'Download remote desktop file' button. A blue arrow points to the 'OK' button on the 'Windows Security' credential dialog. A yellow arrow points to the note about joining the instance to a directory. The credential dialog shows the administrator account 'Samsung_Galaxy\Administrator' and a masked password field. The status bar at the bottom indicates the user has NZ - SA Game score.



subnets | VPC Console Instances | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:

aws Search [Alt+S]

EC2 Instances

EC2 Instances (2) Info

Last updated less than a minute ago

Find Instance by attribute or tag (case-sensitive)

All states

Instances

| Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone | Public IP |
|---------|---------------------|----------------|---------------|-------------------|---------------|-------------------|-----------|
| private | i-07985d8350841f6a6 | Running | t3.small | 3/3 checks passed | View alarms + | ap-south-1a | - |
| public | i-05d6e08c9f0ad10eb | Running | t3.small | 3/3 checks passed | View alarms + | ap-south-1a | - |

Select an instance

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Sports headline
Oscar Piastri Po...

Search

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subnets | VPC Console Instances | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:

Search [Alt+S]

EC2 Instances

EC2 Instances (1/2) Info

Last updated 1 minute ago

Connect Instance state Actions Launch instances

Find Instance by attribute or tag (case-sensitive)

All states

| Name | Instance ID | Instance state | Type | Status check | Alarm status | Availability Zone | Public IP |
|---------|---------------------|----------------|----------|-------------------|---------------|-------------------|-----------|
| private | i-07985d8350841f6a6 | Running | t3.small | 3/3 checks passed | View alarms + | ap-south-1a | - |
| public | i-05d6e08c9f0ad10eb | Running | t3.small | 3/3 checks passed | View alarms + | ap-south-1a | - |

1

i-07985d8350841f6a6 (private)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary

Instance ID: i-07985d8350841f6a6

IPv6 address: -

Hostname type: IP name in 102.169.16.100 in ap-south-1 compute internal

Private IPv4 address: -

Instance state: Running

Private IP DNS name (IPv4 only): ip-102-169-16-100.ap-south-1.compute.internal

Private IPv4 address copied

Public IP addresses: 192.168.16.100

Public DNS: -

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ENG IN

subnets | VPC Console

Connect to instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstance:instanceId=i-07985d8350841f6a6

aws | Search [Alt+S]

EC2 > Instances > i-07985d8350841f6a6 > Connect to instance

Try for free

Record RDP connections
You can now record RDP connections using AWS Systems Manager just-in-time node access. [Learn more](#)

Instance ID
 i-07985d8350841f6a6 (private)

Connection Type

Connect using RDP client
Download a file to use with your RDP client and retrieve your password.

Connect using Fleet Manager
To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see [Working with SSM Agent](#)

You can connect to your Windows instance using a remote desktop client of your choice, downloading and running the RDP shortcut file below:

[Download remote desktop file](#)

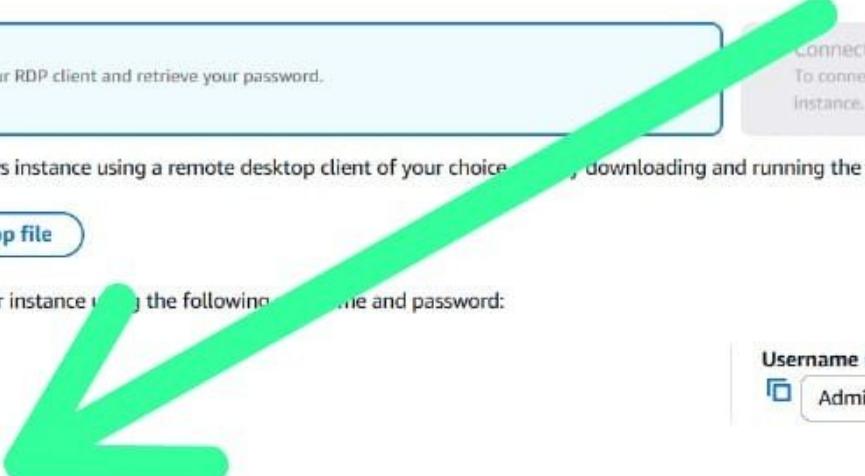
When prompted, connect to your instance using the following information and password:

Private IP
 192.168.16.100

Password [Get password](#)

Username Info
 Administrator

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.



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subnets | VPC Console

Get windows password | EC2

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#GetWindowsPassword:instanceId=i-07985d8350841f6a6;previousPlace=ConnectToInstance;lang=English

aws | Search [Alt+S]

EC2 > Instances > i-07985d8350841f6a6 > Get Windows password

Get Windows password Info

Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.

Instance ID
 i-07985d8350841f6a6 (private)

Key pair associated with this instance
 oggy

Private key
Either upload your private key file or copy and paste its contents into the field below.

[Upload private key file](#)

oggy.pem
1.674KB

Private key contents - optional

```
-----BEGIN RSA PRIVATE KEY-----  
MIIEowIBAAKCAQEauoWfqMWhchGfs97mnnsCuakiypDct8FmXx6KXOEYwPEp6BQ  
wO48WEsWq9BQNGGzwI1Nrn8Y2Jg4jbVSNMblKwNkZut31ggo10rg15NLkYvisAXc  
RA7KRE5eNtlwOm5pkru8Dh8lyGoheCE1dWoTBqhowBxFfqWsa7aTue+xxSQHBhQv  
HV8c41QGRaADwxP10yhoiwZBF77sMXcWm7vcrtT665571VLtaAGWOYaG5vVRWM  
7xRtkHjNmtF9E15120fdcfm7VHTtmu8pod0Tzvd0jcIBWwhK/uhdOlqJSiue7+SU  
g8yAQMGaLcMcBd8vIXhLPD7E0U7nOP3IXwPK8QIDAQABAoIBADgcKHsho4Phhqt  
OSqwULy6w3cF4MJ2qtWQZ6N+l629nXQbuw8+27Jn7EsFYltRdOUccly7QODT0f5
```

Cancel Decrypt password

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subnets | VPC Console

Connect to instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstance:instanceId=i-07985d8350841f6a6

aws | Search [Alt+S]

EC2 > Instances > i-07985d8350841f6a6 > Connect to instance

Instance ID
i-07985d8350841f6a6 (private)

Connection Type

Connect using RDP client
Download a file to use with your RDP client and retrieve your password.

Connect using Fleet Manager
To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see [Working with SSM Agent](#)

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

[Download remote desktop file](#)

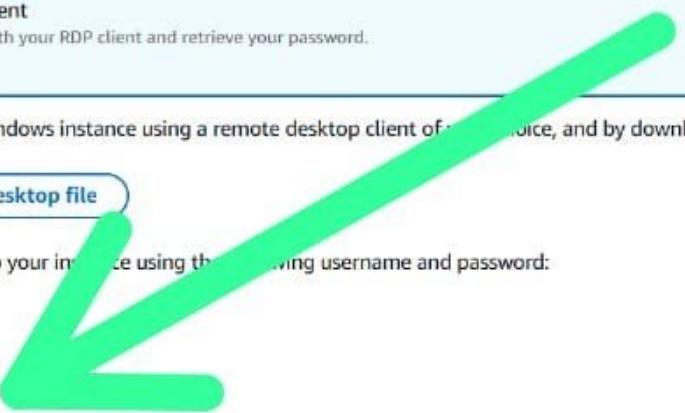
When prompted, connect to your instance using the following username and password:

Private IP
192.168.16.100

Password copied

qC6jLDrgJw2P;*khDM5RdMnhzhIFsCC*

Username Info
Administrator



If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

Cancel

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65.2.132.89



Recycle Bin



Hostname: EC2AMAZ-E48C2GR
Instance ID: i-07985d8350841f8e6
Private IPv4 address: 192.168.16.100
Public IPv4 address:
Instance size: t3.small
Availability Zone: ap-south-1a
Architecture: AMD64
Total memory: 2048
Network: Up to 5 Gigabit



Search

ENG
IN8:08 PM
7/26/2025