

Dashboard | EC2 Management

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

aws services Search [Alt+S]

Mumbai Abhishek @ 4017-0394-8737

EC2 Dashboard

EC2 Global View

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Volumes

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EC2 Global view

You are using the following Amazon EC2 resources in the Asia Pacific (Mumbai) Region:

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

Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. [Learn more](#)

Launch instance

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

Launch instance

Migrate a server

Note: Your instances will launch in the Asia Pacific (Mumbai) Region

Service health

AWS Health Dashboard

Region

Asia Pacific (Mumbai)

Status

This service is operating normally

Zones

Account attributes

Supported platforms

VPC

Default VPC

vpc-0f54651997448dcf7

Settings

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Zones

EC2 Serial Console

Default credit specification

Console experiments

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EC2 > Instances > Launch an instance

Launch an instance

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

Name and tags

Name

Add additional tags

Application and OS Images (Amazon Machine Image)

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

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

Quick Start

Amazon Linux

aws

macOS

Ubuntu

ubuntu

Windows

Microsoft

Red Hat

Red Hat

SUSE

Browse more AMIs

Including AMIs from

Summary

Number of instances

Software Image (AMI)

Amazon Linux 2 Kernel 5.10 AMI...read more
ami-09ba48996007c8b50

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 includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel

Launch instance

▼ Application and OS Images (Amazon Machine Image) Info

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Quick Start

Amazon Linux
aws

macOS
Mac

Ubuntu
ubuntu

Windows
Microsoft

Red Hat
Red Hat

S

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

Amazon Machine Image (AMI)

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type
ami-09ba48996007c8b50 (64-bit (x86)) / ami-01ca704eb63c59432 (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Description

Amazon Linux 2 Kernel 5.10 AMI 2.0.20230221.0 x86_64 HVM gp2

Architecture

AMI ID

64-bit (x86)

ami-09ba48996007c8b50

Verified provider

▼ Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2 Kernel 5.10 AMI...read more
ami-09ba48996007c8b50

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Cancel

Launch instance

Launch an instance | EC2 Manage

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ami-09ba48996007c8b50 (64-bit (x86)) / ami-01ca764eb95c39452 (64-bit (x86))
Virtualization: hvm ENA enabled: true Root device type: ebs

Description

Amazon Linux 2 Kernel 5.10 AMI 2.0.20230221.0 x86_64 HVM gp2

Architecture

AMI ID

64-bit (x86)

ami-09ba48996007c8b50

Verified provider

▼ Instance type Info

Instance type

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory
On-Demand Linux pricing: 0.0124 USD per Hour
On-Demand Windows pricing: 0.017 USD per Hour
On-Demand RHEL pricing: 0.0724 USD per Hour
On-Demand SUSE pricing: 0.0124 USD per Hour

Compare instance types

▼ 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

ukey

Create new key pair

▼ Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2 Kernel 5.10 AMI...read more
ami-09ba48996007c8b50

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Cancel

Launch instance

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▼ Network settings Info

VPC - required Info

vpc-0f54651997448dcf7 (default)
172.31.0.0/16

(default) ↕

Subnet Info

subnet-0d29a89ca9578674a
VPC: vpc-0f54651997448dcf7 Owner: 401703948737
Availability Zone: ap-south-1c IP addresses available: 4091 CIDR: 172.31.16.0/20

↕ Create new subnet

Auto-assign public IP Info

Enable

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

Security group name - required

launch-wizard-1

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 Info

launch-wizard-1 created 2023-03-06T16:27:54.362Z

Inbound security groups rules

▼ Security group rule 1 (TCP, 22, 0.0.0.0/0)

Remove

▼ Summary

Number of instances Info

1

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Cancel

Launch instance

Security group rule 1 (TCP, 22, 0.0.0.0/0)

Remove

Type

ssh

Protocol

TCP

Port range

22

Source type

Anywhere

Source

0.0.0.0/0

Description - optional

e.g. SSH for admin desktop

Security group rule 2 (TCP, 443, 0.0.0.0/0)

Remove

Type

HTTPS

Protocol

TCP

Port range

443

Source type

Anywhere

Source

0.0.0.0/0

Description - optional

e.g. SSH for admin desktop

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

Remove

Type

HTTP

Protocol

TCP

Port range

80

Source type

Anywhere

Source

0.0.0.0/0

Description - optional

e.g. SSH for admin desktop

Summary

Number of instances1

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Amazon Linux 2 Kernel 5.10 AMI...read more
ami-09ba48996007c8b50

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

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

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CancelLaunch instance

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HTTP

TCP

80

Source type Info

Anywhere

Source Info

Add CIDR, prefix list or security

0.0.0.0/0

Description - optional Info

e.g. SSH for admin desktop

Add security group rule

Advanced network configuration

▼ Configure storage Info Advanced

1x 8 GiB gp2 Root volume (Not encrypted)

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

Add new volume

0 x File systems Edit

► Advanced details Info

▼ Summary

Number of instances Info

1

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Cancel Launch instance

Launch an instance | EC2 Manage

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Select

Metadata version Info

Select

Metadata response hop limit Info

Select

Allow tags in metadata Info

Select

User data - optional Info

Enter user data in the field.

```
#!/bin/bash

yum update -y

yum install httpd -y

service httpd start

chkconfig httpd on

IP_ADDR=$(curl http://169.254.169.254/latest/meta-data/public-ipv4)

echo "Manual instance with IP $IP_ADDR" > /var/www/html/index.html
```

☐ User data has already been base64 encoded

▼ Summary

Number of instances Info

1

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Cancel Launch instance

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EC2 > Instances > Launch an instance

✔ Success
Successfully initiated launch of instance (i-07f137f7afa891937)
▶ Launch log

Next Steps

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 a new RDS database
Learn more

View all instances

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Tell us what you think

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- Volumes
- Snapshots

Instances (1) Info

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
<input type="checkbox"/>	myinst	i-07f137f7afa891937	Running	t2.micro	Initializing	No alarms	ap-south-1a	ec2-13-233-47-190

Select an instance

Instances | EC2 Management Console

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 (1/1) Info

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
<input checked="" type="checkbox"/>	myinst	i-07f137f7afa891937	Running	t2.micro	Initializing	No alarms	ap-south-1a	ec2-13-233-47-1

Instance: i-07f137f7afa891937 (myinst)

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Instance summary Info

Instance ID

i-07f137f7afa891937 (myinst)

Public IPv4 address

13.233.47.190 | open address

Private IPv4 addresses

172.31.41.241

IPv6 address

-

Instance state

Running

Public IPv4 DNS

ec2-13-233-47-190.ap-south-1.compute.amazonaws.com | open address

Hostname type

IP name: ip-172-31-41-241.ap-south-1.compute.internal

Private IP DNS name (IPv4 only)

ip-172-31-41-241.ap-south-1.compute.internal

Answer private resource DNS name

IPv4 (A)

Instance type

t2.micro

Elastic IP addresses

-

Auto-assigned IP address

13.233.47.190 [Public IP]

VPC ID

vpc-0f54651997448dcf7

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendations. | Learn more

Waiting for ap-south-1.console.aws.amazon.com...

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Instances (1/1) Info

🔄

Connect

Instance state ▾

Actions ▾

Launch instances ▾

🔍 Find instance by attribute or tag (case-sensitive)

< 1 > ⚙️

<input checked="" type="checkbox"/>	Name ▾	Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	Availability Zone ▾	Public IPv4 DNS
<input checked="" type="checkbox"/>	myinst	i-07f137f7afa891937	🟢 Running 🔍	t2.micro	🕒 Initializing	No alarms +	ap-south-1a	ec2-13-233-47-1

Instance: i-07f137f7afa891937 (myinst)

⚙️ ✕

Details

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Manage detailed monitoring

1h 3h 12h 1d 3d 1w Custom 📅

🔄 ▾

Add to dashboard

CPU utilization (%)

Status check failed (any) (count)

Status check failed (instance) (count)

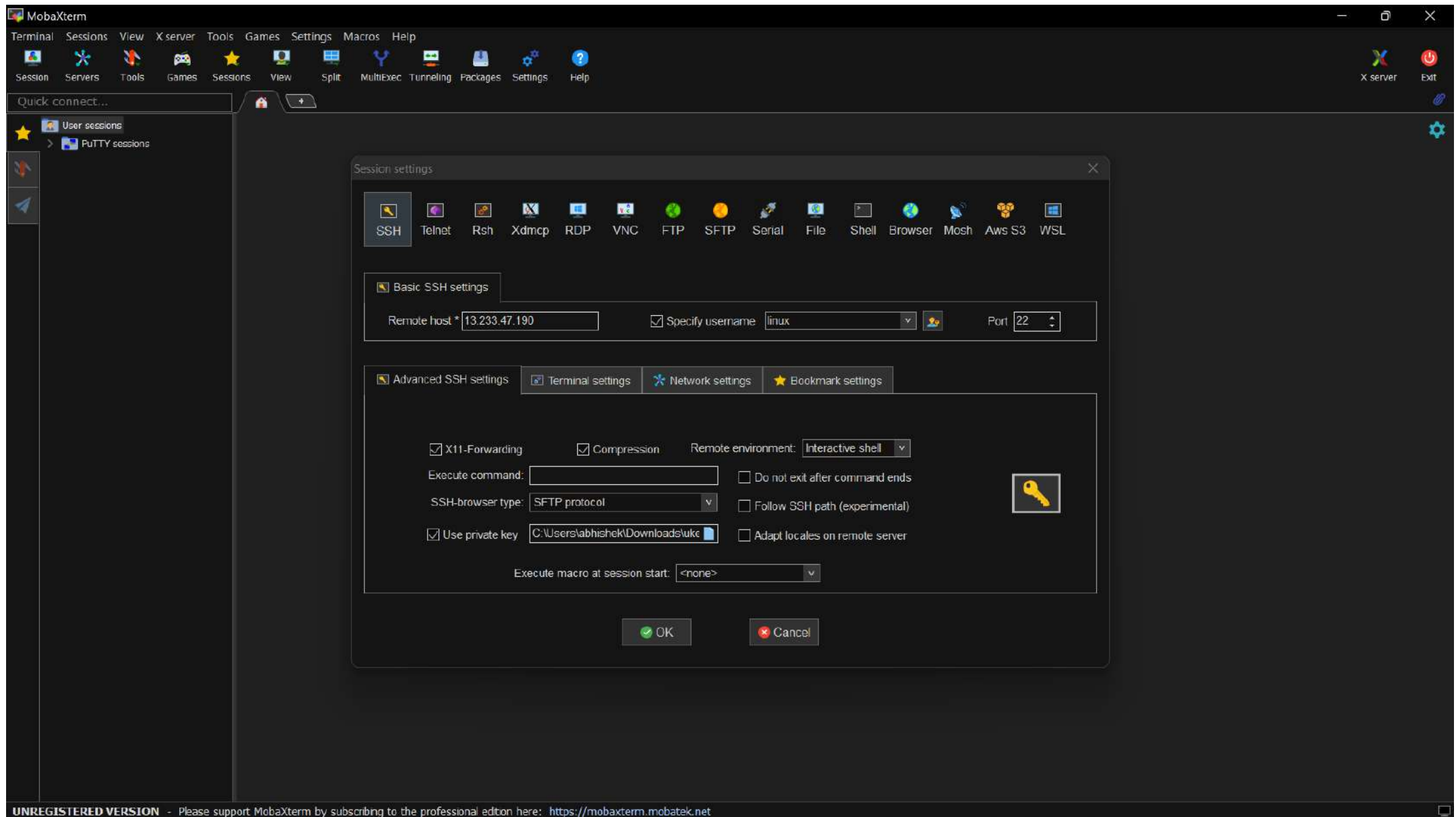
Status check failed (system) (count)

Network in (bytes)

Network out (bytes)

Network packets in (count)

Network packets out (count)



ec2-user@ip-172-31-41-241:~

C:\Users\abhishek\Downloads>ssh -i "ukey.pem" ec2-user@ec2-13-233-47-190.ap-south-1.compute.amazonaws.com

The authenticity of host 'ec2-13-233-47-190.ap-south-1.compute.amazonaws.com (13.233.47.190)' can't be established.

ECDSA key fingerprint is SHA256:005sHK/0N2x82xalT0kjo/Tu5CIrqUbrTc+wZi5VURg.

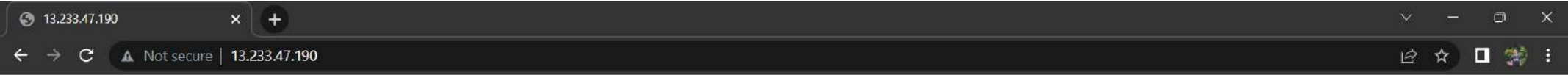
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added 'ec2-13-233-47-190.ap-south-1.compute.amazonaws.com,13.233.47.190' (ECDSA) to the list of known hosts.

```
  _ | _ | _ )  
  _ | ( _ /   Amazon Linux 2 AMI  
  __| \__| __|
```

<https://aws.amazon.com/amazon-linux-2/>

[ec2-user@ip-172-31-41-241 ~]\$



Manual instance with IP 13.233.47.190

Instances | EC2 Management Console

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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Successfully stopped i-07f137f7afa891937

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
<input checked="" type="checkbox"/>	myinst	i-07f137f7afa891937	Stopping	t2.micro	2/2 checks passed	No alarms	ap-south-1a	ec2-13-233-47-1

Instance: i-07f137f7afa891937 (myinst)

Details

Security

Networking

Storage

Status checks

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Tags

Instance summary Info

Instance ID

i-07f137f7afa891937 (myinst)

Public IPv4 address

13.233.47.190 | open address

Private IPv4 addresses

172.31.41.241

IPv6 address

-

Instance state

Running

Public IPv4 DNS

ec2-13-233-47-190.ap-south-1.compute.amazonaws.com | open address

Hostname type

IP name: ip-172-31-41-241.ap-south-1.compute.internal

Private IP DNS name (IPv4 only)

ip-172-31-41-241.ap-south-1.compute.internal

Answer private resource DNS name

IPv4 (A)

Instance type

t2.micro

Auto-assigned IP address

13.233.47.190 [Public IP]

VPC ID

vpc-0f54651997448dcf7 (default)

Elastic IP addresses

-

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