

aws | [Alt+S] | Search | Mumbai | Nashit

EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

Dashboard < Launch Templates Info Actions Create launch template

EC2 Global View Events

Instances Instances Instance Types Launch Templates (selected) Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations

Images AMIs AMI Catalog

Elastic Block Store Volumes Snapshots Lifecycle Manager

Network & Security Security Groups Elastic IPs Placement Groups Key Pairs Network Interfaces

Load Balancing

Launch Templates Info

Search

Launch Template ID Launch Template Name Default Version Latest Version Create Time Created By Managed Open...

You do not have any Launch Templates in this region

Select a launch template

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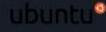
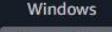
EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

Search results

Search for an AMI by entering a search term e.g. "Windows"

Quick Start AMIs (45) My AMIs (0) AWS Marketplace AMIs (9561) Community AMIs (500)

Commonly used AMIs Created by me AWS & trusted third-party AMIs Published by anyone

	Platform: rnet	Root device type: ebs	Virtualization: hvm	ENAv2 enabled: Yes	64-bit (Arm)	
 SUSE SUSE Linux	Free tier eligible Verified provider				<input checked="" type="radio"/> 64-bit (x86) <input type="radio"/> 64-bit (Arm)	
 Ubuntu Ubuntu	Free tier eligible Verified provider	SUSE Linux Enterprise Server 15 SP6 (HVM), SSD Volume Type ami-08048b042dd26bddd (64-bit (x86)) / ami-0ce3a7388cf543b65 (64-bit (Arm)) SUSE Linux Enterprise Server 15 Service Pack 6 (HVM), EBS General Purpose (SSD) Volume Type. Amazon EC2 AMI Tools preinstalled.	Platform: suse Root device type: ebs	Virtualization: hvm	ENAv2 enabled: Yes	<input checked="" type="radio"/> 64-bit (x86) <input type="radio"/> 64-bit (Arm)
 Microsoft Windows	Free tier eligible Verified provider	Ubuntu Server 24.04 LTS (HVM), SSD Volume Type ami-053b12d3152c0cc71 (64-bit (x86)) / ami-05cf6a79a8c2e3e9 (64-bit (Arm)) Ubuntu Server 24.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical (http://www.ubuntu.com/cloud/services).	Platform: ubuntu Root device type: ebs	Virtualization: hvm	ENAv2 enabled: Yes	<input checked="" type="radio"/> 64-bit (x86) <input type="radio"/> 64-bit (Arm)
 Microsoft Windows	Free tier eligible Verified provider	Microsoft Windows Server 2025 Base ami-03235cc8fe4d9bf1e (64-bit (x86)) Microsoft Windows 2025 Datacenter edition. [English]	Platform: windows Root device type: ebs	Virtualization: hvm	ENAv2 enabled: Yes	<input checked="" type="radio"/> 64-bit (x86)
 Microsoft Windows	Free tier eligible Verified provider	Microsoft Windows Server 2025 Core Base ami-0727581c1716cad1c (64-bit (x86)) Microsoft Windows 2025 Datacenter Core edition. [English]				Select

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk Fsx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

Search results

Username: ubuntu

Catalog: Quick Start AMIs **Published:** 2024-11-09T09:12:29.000Z **Architecture:** x86_64 **Virtualization:** hvm **Root device type:** ebs **ENAv Enabled:** Yes

Instance type: Info | Get advice

Instance type: Don't include in launch template

Search: Get advice on instance type selection...

t2.nano Family: t2 1 vCPU 0.5 GiB Memory Current generation: true On-Demand Ubuntu Pro base pricing: 0.008 USD per Hour
On-Demand SUSE base pricing: 0.0062 USD per Hour On-Demand Linux base pricing: 0.0062 USD per Hour
On-Demand Windows base pricing: 0.0085 USD per Hour

t2.micro Family: t2 1 vCPU 1 GiB Memory Current generation: true On-Demand Linux base pricing: 0.0124 USD per Hour
On-Demand Windows base pricing: 0.017 USD per Hour On-Demand RHEL base pricing: 0.0268 USD per Hour
On-Demand Ubuntu Pro base pricing: 0.0142 USD per Hour On-Demand SUSE base pricing: 0.0124 USD per Hour

t2.small Family: t2 1 vCPU 2 GiB Memory Current generation: true On-Demand SUSE base pricing: 0.0548 USD per Hour
On-Demand Linux base pricing: 0.0248 USD per Hour On-Demand RHEL base pricing: 0.0392 USD per Hour
On-Demand Ubuntu Pro base pricing: 0.0266 USD per Hour On-Demand Windows base pricing: 0.034 USD per Hour

t2.medium Family: t2 2 vCPU 4 GiB Memory Current generation: true On-Demand Linux base pricing: 0.0496 USD per Hour
On-Demand Ubuntu Pro base pricing: 0.0531 USD per Hour On-Demand Windows base pricing: 0.0676 USD per Hour
On-Demand RHEL base pricing: 0.0784 USD per Hour On-Demand SUSE base pricing: 0.1496 USD per Hour

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.

Advanced

All generations

Compare instance types

Cancel Create launch template

Summary

Software Image (AMI): Ubuntu Server 24.04 LTS (HVM), ami-053b12d3152c0cc71

Virtual server type (instance type):

Firewall (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, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

aws | Search [Alt+S] | Mumbai | Nashit | EC2 | S3 | VPC | EFS | Lambda | IAM | DynamoDB | RDS | Elastic Beanstalk | FSx | Simple Queue Service | Simple Notification Service | CloudWatch | CloudTrail | EC2 > Security Groups > sg-00492636c3bd596ab - Mynewsg

Dashboard < | Actions ▾

EC2 Global View

Events

Instances

- Instances
- Instance Types
- Launch Templates
- Spot Requests
- Savings Plans
- Reserved Instances
- Dedicated Hosts
- Capacity Reservations

Images

- AMIs
- AMI Catalog

Elastic Block Store

- Volumes
- Snapshots
- Lifecycle Manager

Network & Security

- Security Groups
- Elastic IPs
- Placement Groups
- Key Pairs
- Network Interfaces

sg-00492636c3bd596ab - Mynewsg

Details

Security group name	Mynewsg	Security group ID	sg-00492636c3bd596ab	Description	ssh and http	VPC ID	vpc-05eeae2a17bff2fb0
Owner	024848469126	Inbound rules count	2 Permission entries	Outbound rules count	1 Permission entry		

Inbound rules | Outbound rules | Sharing - new | VPC associations - new | Tags

Inbound rules (2)

<input type="checkbox"/>	Name	Security group rule ID	IP version	Type	Protocol	Port range
<input type="checkbox"/>	-	sgr-062fd8b4d32dd2bef	IPv4	HTTP	TCP	80
<input type="checkbox"/>	-	sgr-0473f1edaf7171b9b	IPv4	SSH	TCP	22

aws | Search [Alt+S] | Mumbai | Nashit | EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail | EC2 > Security Groups > sg-00492636c3bd596ab - Mynewsg > Edit inbound rules | ⓘ ⓘ ⓘ

Edit inbound rules Info

Inbound rules control the incoming traffic that's allowed to reach the instance.

Security group rule ID	Type <small>Info</small>	Protocol <small>Info</small>	Port range <small>Info</small>	Source <small>Info</small>	Description - optional <small>Info</small>
sgr-062fd8b4d32dd2bef	HTTP ▾	TCP	80	Cu... ▾	<input type="text"/> 0.0.0.0/0 X
sgr-0473f1edaf7171b9b	SSH ▾	TCP	22	Cu... ▾	<input type="text"/> 0.0.0.0/0 X
-	Custom TCP ▾	TCP	0	Cu... ▾	<input type="text"/> X

Add rule

Protocol dropdown menu:

- HTTPS
- SMB
- SMTPS
- IMAPS
- POP3S
- MSSQL
- NFS
- MySQL/Aurora**
- RDP

Buttons: Cancel, Preview changes, Save rules

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Search results

Don't include in launch template

When you specify a subnet, a network interface is automatically added to your template.

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.

Select existing security group Create security group

Common security groups | Info

Select security groups

Mynewsg sg-00492636c3bd596ab X
VPC: vpc-05eeae2a17bff2fb0

Security groups that you add or remove here will be added to or removed from all your network interfaces.

► Advanced network configuration

▼ Storage (volumes) | Info

EBS Volumes

Volume 1 (AMI Root) (8 GiB, EBS, General purpose SSD (gp3))
AMI Volumes are not included in the template unless modified

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

Add new volume

The selected AMI contains more instance store volumes than the instance allows. Only the first 0 instance store volumes from the AMI will be accessible from the instance

Resource tags | Info

▼ Summary

Software Image (AMI)

Ubuntu Server 24.04 LTS (HVM),...read more
ami-053b12d3152c0cc71

Virtual server type (instance type)

t2.micro

Firewall (security group)

Mynewsg

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, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet. X

Create launch template

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FS Simple Queue Service Simple Notification Service CloudWatch CloudTrail

Dashboard EC2 Global View Events Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations Images AMIs AMI Catalog Elastic Block Store Volumes Snapshots Lifecycle Manager Network & Security Security Groups Elastic IPs Placement Groups Key Pairs Network Interfaces

Instances Info Find Instance by attribute or tag (case-sensitive) All states ▾ Last updated less than a minute ago Connect Instance state ▾ Actions ▾ Launch instances ▾ Launch instances from template Migrate a server

No instances You do not have any instances in this region Launch instances

Select an instance

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EC2 S3 VPC EFS Lambda IAM RDS DynamoDB Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

EC2 > Launch templates > Launch instance from template

Launch instance from template

Launching from a template allows you to launch from an instance configuration that you would have saved in the past. These saved configurations can be reused and shared with other users to standardize launches across an organisation.

Choose a launch template

Source template

Select a launch template

my_temp
ID: lt-0ac9e15e385694cf2

Summary

Number of instances 1

Software Image (AMI)

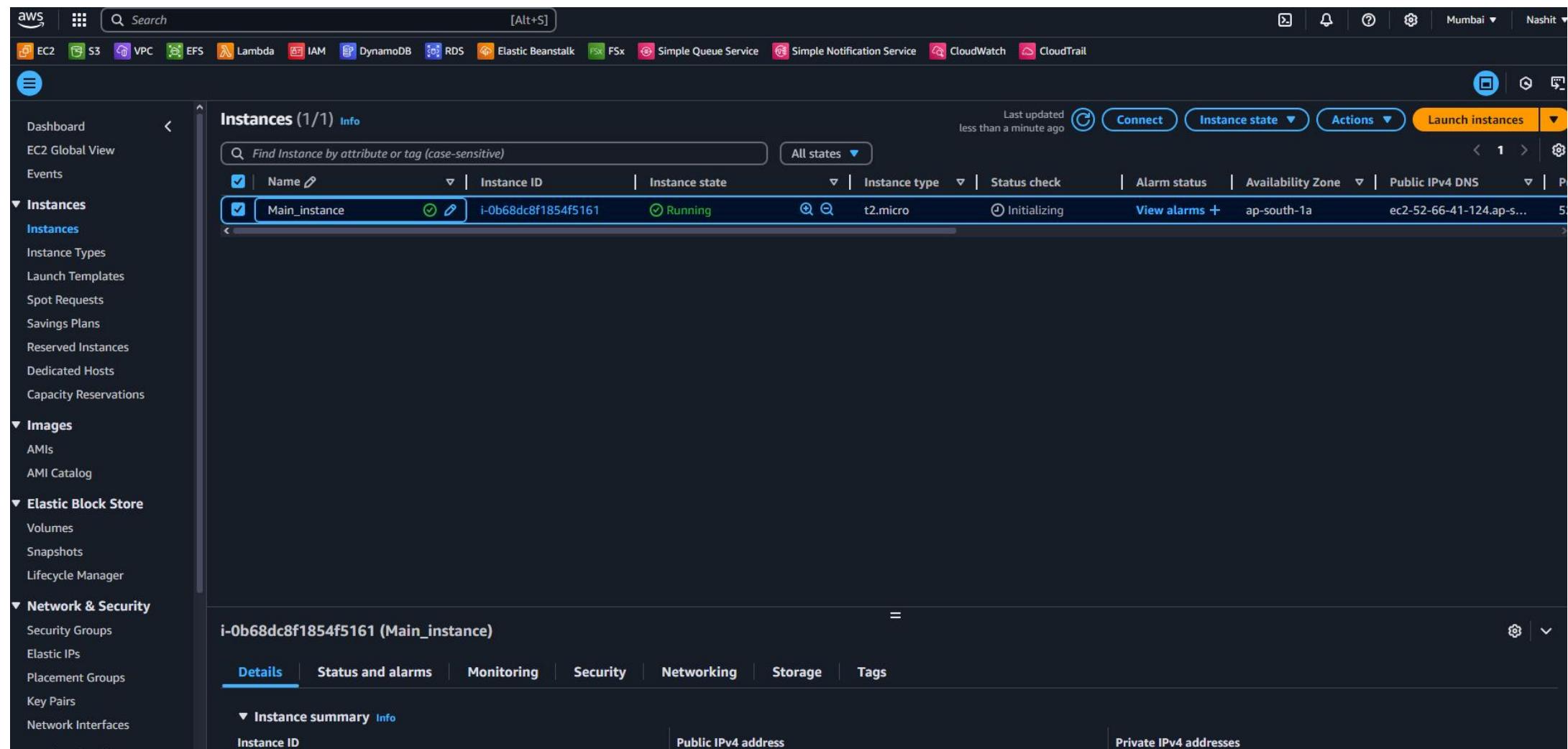
Virtual server type (instance type)

Firewall (security group)

Storage (volumes)

ⓘ 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, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet. X

Cancel Launch instance Preview code



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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

EC2 Instances i-0b68dc8f1854f5161

Dashboard EC2 Global View Events Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations Images AMIs AMI Catalog Elastic Block Store Volumes Snapshots Lifecycle Manager Network & Security Security Groups Elastic IPs Placement Groups Key Pairs Network Interfaces

Instance summary for i-0b68dc8f1854f5161 (Main_instance) [Info](#)

Updated less than a minute ago

Instance ID: i-0b68dc8f1854f5161

IPv6 address: -

Hostname type: IP name: ip-172-31-42-111.ap-south-1.compute.internal

Answer private resource DNS name: -

Auto-assigned IP address: 52.66.41.124 [Public IP]

IAM Role: -

IMDSv2: Required

Operator: -

Public IPv4 address: 52.66.41.124 | [open address](#)

Instance state: Running

Private IP DNS name (IPv4 only): ip-172-31-42-111.ap-south-1.compute.internal

Instance type: t2.micro

VPC ID: vpc-05eeae2a17bff2fb0

Subnet ID: subnet-0b43882cc96e0e954

Instance ARN: arn:aws:ec2:ap-south-1:024848469126:instance/i-0b68dc8f1854f5161

Private IPv4 addresses: 172.31.42.111

Public IPv4 DNS: ec2-52-66-41-124.ap-south-1.compute.amazonaws.com | [open address](#)

Elastic IP addresses: -

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

Auto Scaling Group name: -

Managed: false

Platform details: Linux/UNIX

Termination protection: Disabled

Details Status and alarms Monitoring Security Networking Storage Tags

Instance details [Info](#)

AMI ID	Monitoring	Platform details
ami-053b12d3152c0cc71	disabled	Linux/UNIX
AMI name	Allowed image	Termination protection: Disabled

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

EC2 Instances i-0b68dc8f1854f5161 Connect to instance

Connect to instance Info

Connect to your instance i-0b68dc8f1854f5161 (Main_instance) using any of these options

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

Instance ID
i-0b68dc8f1854f5161 (Main_instance)

Connection Type

Connect using EC2 Instance Connect
Connect using the EC2 Instance Connect browser-based client, with a public IPv4 or IPv6 address.

Public IPv4 address
52.66.41.124

IPv6 address
-

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

ubuntu

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

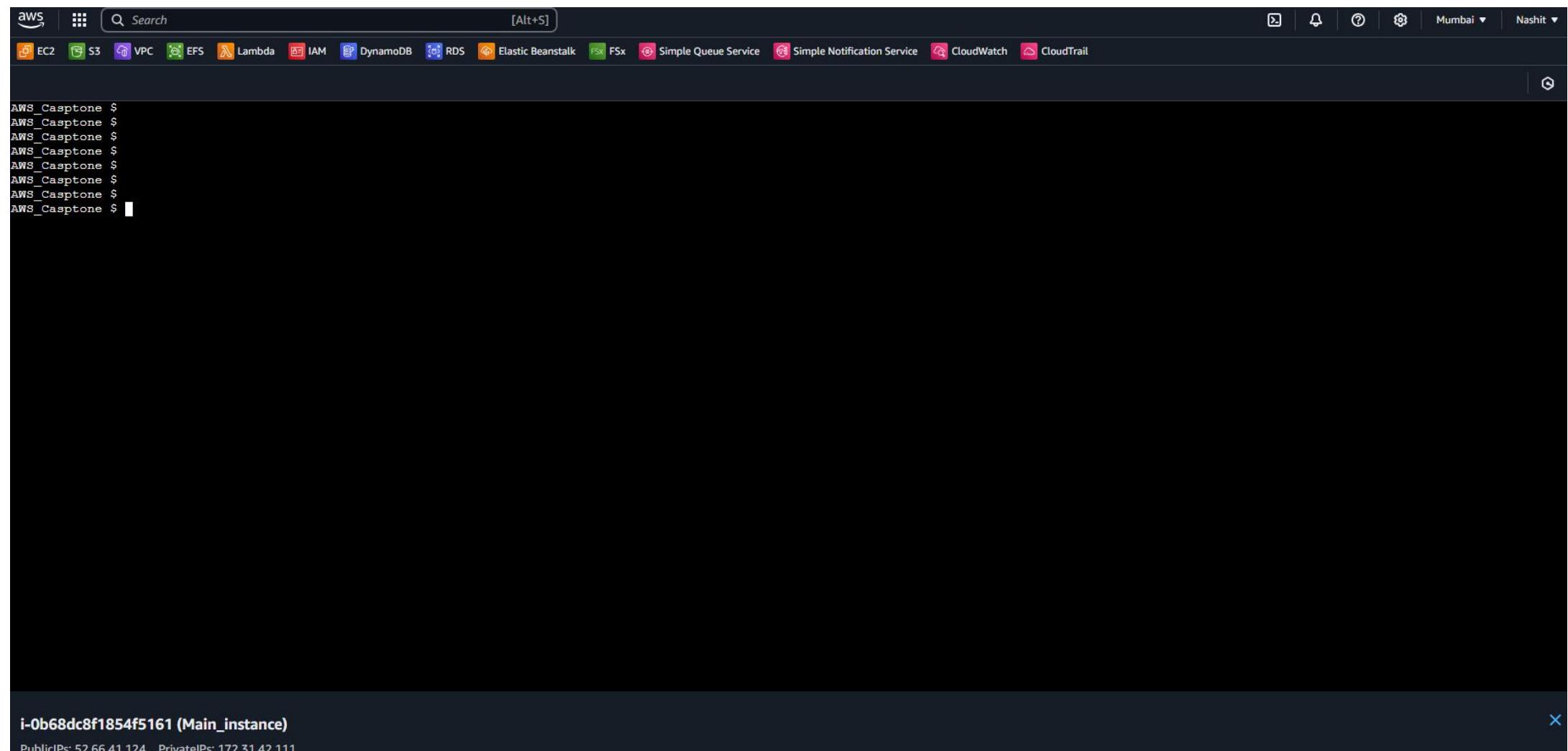
Cancel **Connect**

The screenshot shows the 'Connect to instance' dialog box in the AWS Management Console. The 'EC2 Instance Connect' tab is active. The 'Instance ID' field shows 'i-0b68dc8f1854f5161 (Main_instance)'. Under 'Connection Type', 'Connect using EC2 Instance Connect' is selected. Below it, 'Public IPv4 address' is listed as '52.66.41.124'. A note at the bottom states: 'ⓘ Note: In most cases, the default username, ubuntu, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.' There are 'Cancel' and 'Connect' buttons at the bottom.

The screenshot shows a terminal window within the AWS CloudShell interface. The terminal is running on an EC2 instance with the ID **i-0b68dc8f1854f5161**, which is identified as the **Main_instance**. The user is currently logged in as root. The terminal output is as follows:

```
ubuntu@ip-172-31-42-111:~$ sudo su -
root@ip-172-31-42-111:~#
root@ip-172-31-42-111:~#
root@ip-172-31-42-111:~#
```

The AWS CloudShell header includes the AWS logo, a search bar labeled "Search [Alt+S]", and navigation links for various AWS services: EC2, S3, VPC, EFS, Lambda, IAM, DynamoDB, RDS, Elastic Beanstalk, FSx, Simple Queue Service, Simple Notification Service, CloudWatch, and CloudTrail. The location is set to Mumbai, and the user is Nashit. The bottom status bar displays the instance ID and public/private IP addresses.



AWS_Capstone \$
AWS_Capstone \$ apt update
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:5 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:6 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:7 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:8 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB]
Get:9 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB]
Get:10 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse Translation-en [118 kB]
Get:11 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:12 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 B]
Get:13 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [745 kB]
Get:14 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [170 kB]
Get:15 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [151 kB]
Get:16 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [929 kB]
Get:17 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [231 kB]
Get:18 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [309 kB]
Get:19 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [19.9 kB]
Get:20 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [572 kB]
Get:21 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [110 kB]
Get:22 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:23 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [16.0 kB]
Get:24 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [3844 B]
Get:25 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:26 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [552 B]
Get:27 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
Get:28 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [112 B]
Get:29 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [10.7 kB]
Get:30 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [10.8 kB]
Get:31 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1104 B]
Get:32 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Components [216 B]
Get:33 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:34 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 c-n-f Metadata [116 B]
Get:35 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:36 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:37 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [558 kB]
Get:38 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [109 kB]
88% [7 Components-amd64 store 0 B] [38 Translation-en 2657 B/109 kB 2%]

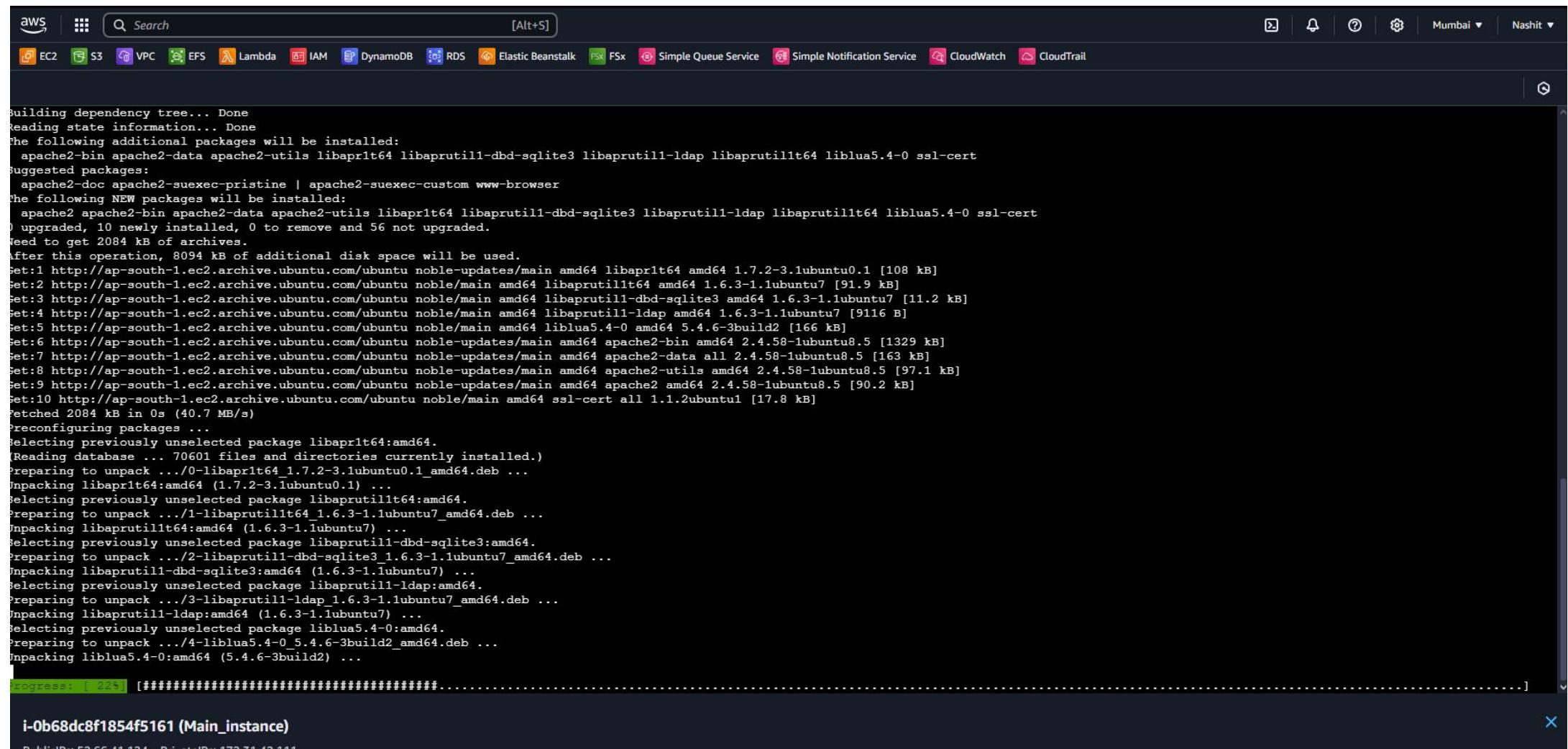
i-0b68dc8f1854f5161 (Main_instance)

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```
Get:24 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [3844 B]
Get:25 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:26 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [552 B]
Get:27 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
Get:28 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [112 B]
Get:29 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [10.7 kB]
Get:30 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [10.8 kB]
Get:31 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [11.7 kB]
Get:32 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1104 B]
Get:33 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:34 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 c-n-f Metadata [116 B]
Get:35 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:36 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:37 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [558 kB]
Get:38 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [109 kB]
Get:39 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [7180 B]
Get:40 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [759 kB]
Get:41 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [162 kB]
Get:42 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [51.9 kB]
Get:43 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [13.5 kB]
Get:44 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [560 kB]
Get:45 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-en [108 kB]
Get:46 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:47 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [12.2 kB]
Get:48 http://security.ubuntu.com/ubuntu noble-security/multiverse Translation-en [2940 B]
Get:49 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [208 B]
Get:50 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [356 B]
Fetched 31.6 MB in 15s (2112 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
56 packages can be upgraded. Run 'apt list --upgradable' to see them.
AWS_Captone $ 
AWS_Captone $ apt install apache2 -y
```

i-0b68dc8f1854f5161 (Main_instance) X



AWS | Search [Alt+S] Mumbai Nashit

EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

```
AWS_Captone $ cd /var/www/html
AWS_Captone $
AWS_Captone $
AWS_Captone $ ls
index.html
AWS_Captone $
AWS_Captone $
AWS_Captone $ ls -la
total 20
drwxr-xr-x 2 root root 4096 Dec 17 17:36 .
drwxr-xr-x 3 root root 4096 Dec 17 17:36 ..
-rw-r--r-- 1 root root 10671 Dec 17 17:36 index.html
AWS_Captone $
AWS_Captone $
AWS_Captone $
```

i-0b68dc8f1854f5161 (Main_instance) X
PublicIPs: 52.66.41.124 PrivateIPs: 172.31.42.111

```
AWS_Captone $ cd /var/www/html
AWS_Captone $
AWS_Captone $
AWS_Captone $ ls
index.html
AWS_Captone $
AWS_Captone $
AWS_Captone $ ls -la
total 20
drwxr-xr-x 2 root root 4096 Dec 17 17:36 .
drwxr-xr-x 3 root root 4096 Dec 17 17:36 ..
-rw-r--r-- 1 root root 10671 Dec 17 17:36 index.html
AWS_Captone $
AWS_Captone $
AWS_Captone $ rm index.html
AWS_Captone $
AWS_Captone $
AWS_Captone $ cat index.php
cat: index.php: No such file or directory
AWS_Captone $ touch index.php
AWS_Captone $ cat index.php
AWS_Captone $ ls
index.php
AWS_Captone $ nano index.php
AWS_Captone $
```

i-0b68dc8f1854f5161 (Main_instance) X

PublicIPs: 52.66.41.124 PrivateIPs: 172.31.42.111

Name:

Email:

```
nnect_error) { die("Connection failed: " . $conn->connect_error); } if(isset($_POST['firstname']) && isset($_POST['email'])){ $sql = "INSERT INTO data (firstname,email) VALUES ('".$firstname."', '".$email."')"; if ($conn->query($sql) === TRUE) { echo "New record created successfully" . "  
rror: " . $sql . "  
$conn->error; } $conn->close(); } ?>
```

AWS_Captone \$ cd /var/www/html
AWS_Captone \$
AWS_Captone \$
AWS_Captone \$ ls
index.html
AWS_Captone \$
AWS_Captone \$
AWS_Captone \$ ls -la
total 20
drwxr-xr-x 2 root root 4096 Dec 17 17:36 .
drwxr-xr-x 3 root root 4096 Dec 17 17:36 ..
rw-r--r-- 1 root root 10671 Dec 17 17:36 index.html
AWS_Captone \$
AWS_Captone \$
AWS_Captone \$ rm index.html
AWS_Captone \$
AWS_Captone \$
AWS_Captone \$ cat index.php
cat: index.php: No such file or directory
AWS_Captone \$ touch index.php
AWS_Captone \$ cat index.php
AWS_Captone \$ ls
index.php
AWS_Captone \$ nano index.php
AWS_Captone \$ nano index.php
AWS_Captone \$ add-apt-repository -y ppa:ondrej/php

i-0b68dc8f1854f5161 (Main_instance) X
PublicIPs: 52.66.41.124 PrivateIPs: 172.31.42.111

AWS_Captone \$ nano index.php

```
AWS_Captone $ add-apt-repository -y ppa:ondrej/php
PA publishes dbgsym, you may need to include 'main/debug' component
repository: 'Types: deb
RIs: https://ppa.launchpadcontent.net/ondrej/php/ubuntu/
uites: noble
omponents: main

escription:
o-installable PHP versions: PHP 5.6, PHP 7.x, PHP 8.x and most requested extensions are included. Only Supported Ubuntu Releases (https://wiki.ubuntu.com/Releases) are provided.

ebian oldstable and stable packages are provided as well: https://deb.sury.org/#debian-dpa

ou can get more information about the packages at https://deb.sury.org

UGS&FEATURES: This PPA now has a issue tracker:
https://deb.sury.org/#bug-reporting

AVEATS:
. If you are using php-gearman, you need to add ppa:ondrej/pkg-gearman
. If you are using apache2, you are advised to add ppa:ondrej/apache2
. If you are using nginx, you are advised to add ppa:ondrej/nginx-mainline
or ppa:ondrej/nginx

LEASE READ: If you like my work and want to give me a little motivation, please consider donating regularly: https://donate.sury.org/

ARNING: add-apt-repository is broken with non-UTF-8 locales, see
https://github.com/oerdnj/deb.sury.org/issues/56 for workaround:
```

LC_ALL=C.UTF-8 add-apt-repository ppa:ondrej/php
ore info: <https://launchpad.net/~ondrej/+archive/ubuntu/php>
dding repository.
it:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
it:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease
it:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease
it:4 http://security.ubuntu.com/ubuntu noble-security InRelease
et:5 https://ppa.launchpadcontent.net/ondrej/php/ubuntu noble InRelease [24.4 kB]
et:6 https://ppa.launchpadcontent.net/ondrej/php/ubuntu noble/main amd64 Packages [126 kB]
et:7 https://ppa.launchpadcontent.net/ondrej/php/ubuntu noble/main Translation-en [39.0 kB]
etched 190 kB in 4s (50.7 kB/s)

i-0b68dc8f1854f5161 (Main_instance) X

PublicIPs: 52.66.41.124 PrivateIPs: 172.31.42.111

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

PLEASE READ: If you like my work and want to give me a little motivation, please consider donating regularly: <https://donate.sury.org/>

WARNING: add-apt-repository is broken with non-UTF-8 locales, see <https://github.com/oerdnj/deb.sury.org/issues/56> for workaround:

```
# LC_ALL=C.UTF-8 add-apt-repository ppa:ondrej/php
More info: https://launchpad.net/~ondrej/+archive/ubuntu/php
Adding repository...
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease
Get:5 https://ppa.launchpadcontent.net/ondrej/php/ubuntu noble InRelease [24.4 kB]
Get:6 https://ppa.launchpadcontent.net/ondrej/php/ubuntu noble/main amd64 Packages [126 kB]
Get:7 https://ppa.launchpadcontent.net/ondrej/php/ubuntu noble/main Translation-en [39.0 kB]
Fetched 190 kB in 4s (50.7 kB/s)
Reading package lists... Done
AWS_Captone $ apt install php5.6 mysql-client php5.6-mysqli -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Note, selecting 'php5.6-mysql' instead of 'php5.6-mysqli'
The following additional packages will be installed:
  debssuryorg-archive-keyring libapache2-mod-php5.6 libpcre3 mysql-client-8.0 mysql-client-core-8.0 mysql-common php-common php5.6-cli php5.6-common php5.6-json php5.6-opcache php5.6-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  debssuryorg-archive-keyring libapache2-mod-php5.6 libpcre3 mysql-client mysql-client-8.0 mysql-client-core-8.0 mysql-common php-common php5.6-cli php5.6-common php5.6-json php5.6-mysql
  php5.6-opcache php5.6-readline
0 upgraded, 15 newly installed, 0 to remove and 56 not upgraded.
Need to get 6928 kB of archives.
After this operation, 76.9 MB of additional disk space will be used.
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu/universe amd64 libpcre3 amd64 2:8.39-15build1 [248 kB]
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu/noble-updates/main amd64 mysql-client-core-8.0 amd64 8.0.40-0ubuntu0.24.04.1 [2765 kB]
Get:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu/noble/main amd64 mysql-common all 5.8+1.1.0build1 [6746 B]
Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu/noble-updates/main amd64 mysql-client-8.0 amd64 8.0.40-0ubuntu0.24.04.1 [22.5 kB]
Get:5 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu/noble-updates/main amd64 mysql-client all 8.0.40-0ubuntu0.24.04.1 [9416 B]
Get:6 https://ppa.launchpadcontent.net/ondrej/php/ubuntu/noble/main amd64 debssuryorg-archive-keyring all 2024.02.05+ubuntu24.04.1+deb.sury.org+1 [4332 B]
Get:7 https://ppa.launchpadcontent.net/ondrej/php/ubuntu/noble/main amd64 php-common all 2:95+ubuntu24.04.1+deb.sury.org+1 [13.2 kB]
Get:8 https://ppa.launchpadcontent.net/ondrej/php/ubuntu/noble/main amd64 php5.6-common amd64 5.6.40-79+ubuntu24.04.1+deb.sury.org+1 [686 kB]
45% [8 php5.6-common 15.0 kB/686 kB 2%]
```

i-0b68dc8f1854ff5161 (Main_instance)

Public IPs: 52.66.41.124 Private IPs: 172.31.42.111

Name:

Email:

Connection failed: php_network_getaddresses: getaddrinfo failed: Name or service not known

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

```
Desired=Unknown/Install/Remove/Purge/Hold
| Status=Not/Inst/Conf-files/Unpacked/half-conf/Half-inst/trig-aWait/Trig-pend
|| Err?=(none)/Reinst-required (Status,Err: uppercase=bad)
||/ Name          Version      Architecture Description
+++
ii  acpid         1:2.0.34-1ubuntu2           amd64      Advanced Configuration and Power Interface event daemon
ii  adduser        3.137ubuntu1              all        add and remove users and groups
ii  amd64-microcode 3.20231019.1ubuntu2.1    amd64      Processor microcode firmware for AMD CPUs
ii  apache2        2.4.58-1ubuntu8.5            amd64      Apache HTTP Server
ii  apache2-bin    2.4.58-1ubuntu8.5            amd64      Apache HTTP Server (modules and other binary files)
ii  apache2-data   2.4.58-1ubuntu8.5            all       Apache HTTP Server (common files)
ii  apache2-utils  2.4.58-1ubuntu8.5            amd64      Apache HTTP Server (utility programs for web servers)
ii  apparmor       4.0.1really4.0.1-0ubuntu0.24.04.3  amd64      user-space parser utility for AppArmor
ii  apport         2.28.1-0ubuntu3.1             all       automatically generate crash reports for debugging
ii  apport-core-dump-handler 2.28.1-0ubuntu3.1    all       Kernel core dump handler for Apport
ii  apport-symptoms 0.25                      all       symptom scripts for apport
ii  appstream      1.0.2-1build6              amd64      Software component metadata management
ii  apt            2.7.14build2              amd64      commandline package manager
ii  apt-utils      2.7.14build2              amd64      package management related utility programs
ii  base-files     13ubuntu10.1              amd64      Debian base system miscellaneous files
ii  base-passwd   3.6.3build1              amd64      Debian base system master password and group files
ii  bash           5.2.21-2ubuntu4             amd64      GNU Bourne Again SHell
ii  bash-completion 1:2.11-8                 all       programmable completion for the bash shell
ii  bc             1.07.1-3ubuntu4             amd64      GNU bc arbitrary precision calculator language
ii  bcache-tools   1.0.8-5build1             amd64      bcache userspace tools
ii  bind9-dnsutils 1:9.18.28-0ubuntu0.24.04.1  amd64      Clients provided with BIND 9
ii  bind9-host     1:9.18.28-0ubuntu0.24.04.1  amd64      DNS Lookup Utility
ii  bind9-libs:amd64 1:9.18.28-0ubuntu0.24.04.1  amd64      Shared Libraries used by BIND 9
ii  bolt           0.9.7-1                 amd64      system daemon to manage thunderbolt 3 devices
ii  bpffcc-tools  0.29.1+ds-1ubuntu7            all       tools for BPF Compiler Collection (BCC)
ii  bpftrace       0.20.2-1ubuntu4             amd64      high-level tracing language for Linux eBPF
ii  bsdxtrautils  2.39.3-9ubuntu6.1            amd64      extra utilities from 4.4BSD-Lite
ii  bsduutils      1:2.39.3-9ubuntu6.1            amd64      basic utilities from 4.4BSD-Lite
ii  btrfs-progs   6.6.3-1.1build2             amd64      Checksumming Copy on Write Filesystem utilities
ii  busybox-initramfs 1:1.36.1-6ubuntu3.1      amd64      Standalone shell setup for initramfs
ii  busybox-static 1:1.36.1-6ubuntu3.1      amd64      Standalone rescue shell with tons of builtin utilities
ii  byobu          6.11-0ubuntu1              all       text window manager, shell multiplexer, integrated DevOps environment
ii  ca-certificates 20240203                all       Common CA certificates
ii  chrony         4.5-1ubuntu4.1              amd64      Versatile implementation of the Network Time Protocol
ii  cloud-guest-utils 0.33-1                 all       cloud guest utilities
lines 1-40
```

i-0b68dc8f1854f5161 (Main_instance)

AWS RDS

EC2 S3

EC2 Services Features Resources New Documentation Knowledge articles Marketplace Blog posts Events Tutorials

Instances Instances Instance Type Launch Temp Spot Request Savings Plans Reserved Inst Dedicated Ho Capacity Rese

Images AMIs AMI Catalog

Elastic Block Volumes Snapshots Lifecycle Man

Network & Security Groups Elastic IPs Placement Groups Key Pairs Network Interfaces

Services Show more

- RDS** Managed Relational Database Service
 - Top features
 - Dashboard Databases Query Editor Performance Insights Snapshots
- Database Migration Service** Managed Database Migration Service
- Kinesis** Work with Real-Time Streaming Data

Features Show more

- Database Insights**
 - CloudWatch feature
- Reserved instances**
 - RDS feature
- Proxies**
 - RDS feature

Resources / for a focused search

Introducing resource search

Enable to show cross-region resources for your account in search results. Takes less than 5 minutes to set up.

Private IPv4 addresses
172.31.42.111

Public IPv4 DNS
ec2-52-66-41-124.ap-south-1.compute.amazonaws.com | open address

Elastic IP addresses

Auto Scaling Group name

Managed false

Platform details Linux/UNIX

Termination protection Disabled

AMI location amazon/ubuntu/images/ubuntu-ssd-2gb/ubuntu-ssd-2gb-24-04-amd64-server

Connect Instance state Actions

Mumbai Nashi

AWS Search [Alt+S] Mumbai Nashit

EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

Introducing Aurora I/O-Optimized
Aurora's I/O-Optimized is a new cluster storage configuration that offers predictable pricing for all applications and improved price-performance, with up to 40% costs savings for I/O-intensive applications.

Resources

You are using the following Amazon RDS resources in the Asia Pacific (Mumbai) region (used/quota)

DB Instances (0/20)
Allocated storage (0 TB/100 TB)
Instances and storage include Neptune and DocumentDB. Increase DB instances limit

DB Clusters (0/40)
Reserved instances (0/20)
Snapshots (0)
Manual DB Cluster (0/100)
DB Instance (0/100)
Automated DB Cluster (0)
DB Instance (0)
Recent events (0)
Event subscriptions (0/20)

Parameter groups (0)
Default (0)
Custom (0/40)

Option groups (0)
Default (0)
Custom (0/20)

Subnet groups (0/20)
Supported platforms VPC
Default network vpc-05eeae2a17bff2fb0

Refresh

Recommended services

Customers like you also use these services.

Amazon Augmented AI Easily implement human review of machine learning predictions

AWS App Mesh Easily monitor and control microservices

AWS Well-Architected Tool Use AWS Well-Architected Tool to learn best practices, measure, and improve your workloads

Database Migration Service Managed Database Migration Service

Recommended for you

Time-Series Tables in PostgreSQL Step-by-step guide to design high-performance time series data tables on Amazon RDS for PostgreSQL. [Learn more](#)

Test Your DR Strategy in Minutes Amazon Aurora Global Database now supports planned managed failover, making disaster recovery drills a breeze. [Learn more](#)

Migrate SSRS to RDS for SQL Server Learn how you can migrate existing SSRS content to an Amazon RDS for SQL Server instance using a PowerShell module. [Learn more](#)

Build RDS Operational Tasks

Create database

Amazon Relational Database Service (RDS) makes it easy to set up, operate, and scale a relational database in the cloud.

Restore from S3

Note: your DB instances will launch in the Asia Pacific (Mumbai) region

S3 EFS Lambda IAM RDS FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

RDS > Create database

Standard create
You set all of the configuration options, including ones for availability, security, backups, and maintenance.

Easy create
Use recommended best-practice configurations. Some configuration options can be changed after the database is created.

Engine options

Engine type [Info](#)

Aurora (MySQL Compatible) 

Aurora (PostgreSQL Compatible) 

MySQL 

PostgreSQL 

MariaDB 

Oracle 

Microsoft SQL Server 

IBM Db2 

MySQL

MySQL is the most popular open source database in the world. MySQL on RDS offers the rich features of the MySQL community edition with the flexibility to easily scale compute resources or storage capacity for your database.

- Supports database size up to 64 TiB.
- Supports General Purpose, Memory Optimized, and Burstable Performance instance classes.
- Supports automated backup and point-in-time recovery.
- Supports up to 15 Read Replicas per instance, within a single Region or 5 read replicas cross-region.

aws [Alt+S] Search Mumbai Nashit

EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

RDS > Create database MySQL

Allocated storage Info 20 GiB Allocated storage value must be 20 GiB to 6,144 GiB

Additional storage configuration

Connectivity Info C

Compute resource Choose whether to set up a connection to a compute resource for this database. Setting up a connection will automatically change connectivity settings so that the compute resource can connect to this database.

Don't connect to an EC2 compute resource Don't set up a connection to a compute resource for this database. You can manually set up a connection to a compute resource later.

Connect to an EC2 compute resource Set up a connection to an EC2 compute resource for this database.

Virtual private cloud (VPC) Info

Choose the VPC. The VPC defines the virtual networking environment for this DB instance.

Default VPC (vpc-05eeae2a17bff2fb0)
3 Subnets, 3 Availability Zones

Only VPCs with a corresponding DB subnet group are listed.

After a database is created, you can't change its VPC.

DB subnet group Info

Choose the DB subnet group. The DB subnet group defines which subnets and IP ranges the DB instance can use in the VPC that you selected.

default

Public access Info

Yes RDS assigns a public IP address to the database. Amazon EC2 instances and other resources outside of the VPC can connect to your database. Resources inside the VPC can also connect to the database. Choose one or more VPC security groups that specify which resources can connect to the database.

No RDS doesn't assign a public IP address to the database. Only Amazon EC2 instances and other resources inside the VPC can connect to your database. Choose one or more VPC security groups that specify which resources can connect to the database.

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aws | Search [Alt+S] | Mumbai | Nasit | RDS > Create database

Enable Enhanced Monitoring
Enabling Enhanced Monitoring metrics are useful when you want to see how different processes or threads use the CPU.

Additional configuration
Database options, encryption turned on, backup turned on, backtrack turned off, maintenance, CloudWatch Logs, delete protection turned off.

Database options

Initial database name [Info](#)

If you do not specify a database name, Amazon RDS does not create a database.

DB parameter group [Info](#)

Option group [Info](#)

Backup

Enable automated backups
Creates a point-in-time snapshot of your database

Backup retention period [Info](#)
The number of days (1-35) for which automatic backups are kept.
 day

Backup window [Info](#)
The daily time range (in UTC) during which RDS takes automated backups.
 Choose a window

MySQL

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RDS > Create database

RDS service-linked role

Maintenance

Auto minor version upgrade [Info](#)

Enable auto minor version upgrade

Enabling auto minor version upgrade will automatically upgrade to new minor versions as they are released. The automatic upgrades occur during the maintenance window for the database.

Maintenance window [Info](#)

Select the period you want pending modifications or maintenance applied to the database by Amazon RDS.

Choose a window

No preference

Deletion protection

Enable deletion protection

Protects the database from being deleted accidentally. While this option is enabled, you can't delete the database.

Estimated monthly costs

The Amazon RDS Free Tier is available to you for 12 months. Each calendar month, the free tier will allow you to use the Amazon RDS resources listed below for free:

- 750 hrs of Amazon RDS in a Single-AZ db.t2.micro, db.t3.micro or db.t4g.micro Instance.
- 20 GB of General Purpose Storage (SSD).
- 20 GB for automated backup storage and any user-initiated DB Snapshots.

[Learn more about AWS Free Tier.](#)

When your free usage expires or if your application use exceeds the free usage tiers, you simply pay standard, pay-as-you-go service rates as described in the [Amazon RDS Pricing page](#).

ⓘ You are responsible for ensuring that you have all of the necessary rights for any third-party products or services that you use with AWS services.

Cancel Create database

MySQL

MySQL is the most popular open source database in the world. MySQL on RDS offers the rich features of the MySQL community edition with the flexibility to easily scale compute resources or storage capacity for your database.

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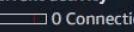
EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

RDS > Databases > database-1

Amazon RDS < database-1

Modify Actions ▾

Summary

DB identifier database-1	Status Available	Role Instance	Engine MySQL Community	Recommendations
CPU 	Class db.t4g.micro	Current activity 	Region & AZ ap-south-1b	

Connectivity & security Monitoring Logs & events Configuration Zero-ETL integrations Maintenance & backups Data migrations - new Tags Recommendations

Connectivity & security

Endpoint & port Endpoint : database-1.cnv00moqw8us.ap-south-1.rds.amazonaws.com Port : 3306	Networking Availability Zone : ap-south-1b VPC : vpc-05eeae2a17bff2fb0 Subnet group : default-vpc-05eeae2a17bff2fb0 Subnets : subnet-0e347f79199b31279, subnet-08d70ee417a10b4e8, subnet-0b43882cc96e0e954 Network type : IPv4	Security VPC security groups : Mynewsg (sg-00492636c3bd596ab) (Active), default (sg-0a2010b1ad98c634f) (Active) Publicly accessible : No Certificate authority : rds-ca-rsa2048-g1 Certificate authority date : May 20, 2061, 00:10 (UTC+05:30) DB instance certificate expiration date : December 17, 2025, 23:49 (UTC+05:30)
--	---	---

Subnet groups Parameter groups Option groups Custom engine versions Zero-ETL integrations New Events Event subscriptions Recommendations 0 Certificate update

AWS_Captone \$
AWS_Captone \$ mysql -h database-1.cnu00moqw8us.ap-south-1.rds.amazonaws.com -u intel -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 27
Server version: 8.0.39 Source distribution

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Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> |

i-0b68dc8f1854f5161 (Main_instance) X

PublicIPs: 52.66.41.124 PrivateIPs: 172.31.42.111

AWS_Captone \$
AWS_Captone \$ mysql -h database-1.cn00mqw8us.ap-south-1.rds.amazonaws.com -u intel -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 27
Server version: 8.0.39 Source distribution

Copyright (c) 2000, 2024, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> show databases;

i-0b68dc8f1854f5161 (Main_instance)

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

```
AWS_Captone $  
AWS_Captone $ mysql -h database-1.cnu00moqwus.ap-south-1.rds.amazonaws.com -u intel -p  
nter password:  
elcome to the MySQL monitor. Commands end with ; or \g.  
our MySQL connection id is 27  
erver version: 8.0.39 Source distribution  
opyright (c) 2000, 2024, Oracle and/or its affiliates.  
racle is a registered trademark of Oracle Corporation and/or its  
ffiliates. Other names may be trademarks of their respective  
wners.  
ype 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
mysql> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| intel |  
| mysql |  
| performance_schema |  
| sys |  
+-----+  
rows in set (0.01 sec)  
mysql> ■
```

i-0b68dc8f1854f5161 (Main_instance) X

aws | Search [Alt+S] | Mumbai | Nashit

EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

```
Database      |
information_schema |
intel          |
mysql          |
performance_schema |
sys            |
-----+
rows in set (0.01 sec)

ysql> use intel;
atabase changed
ysql>
ysql> show tables
-> show table
-> ^C
ysql> show table
-> ^C
ysql>
ysql> show tables;
empty set (0.00 sec)

ysql>
ysql> creat tabel data(firstname varchar(50),email varchar(50));
RROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'creat tabel data(firstname varchar(50),email varc
ar(50))' at line 1
ysql> create tabel data(firstname varchar(50),email varchar(50));
RROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tabel data(firstname varchar(50),email varchar(50)
)' at line 1
ysql> create table data(firstname varchar(50),email varchar(50));
Query OK, 0 rows affected (0.05 sec)

ysql> show tables;
-----+
Tables_in_intel |
-----+
data           |
-----+
row in set (0.00 sec)

ysql> 
```

i-0b68dc8f1854f5161 (Main_instance) X

PublicIPs: 52.66.41.124 PrivateIPs: 172.31.42.111

-> ^C

```
mysql> show tables;
Empty set (0.00 sec)

mysql> creat tabel data(firstname varchar(50),email varchar(50));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'creat tabel data(firstname varchar(50),email varc
har(50))' at line 1
mysql> create tabel data(firstname varchar(50),email varchar(50));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tabel data(firstname varchar(50),email varchar(50
))' at line 1
mysql> create table data(firstname varchar(50),email varchar(50));
Query OK, 0 rows affected (0.05 sec)

mysql> show tables;
+-----+
| Tables_in_intel |
+-----+
| data           |
+-----+
1 row in set (0.00 sec)

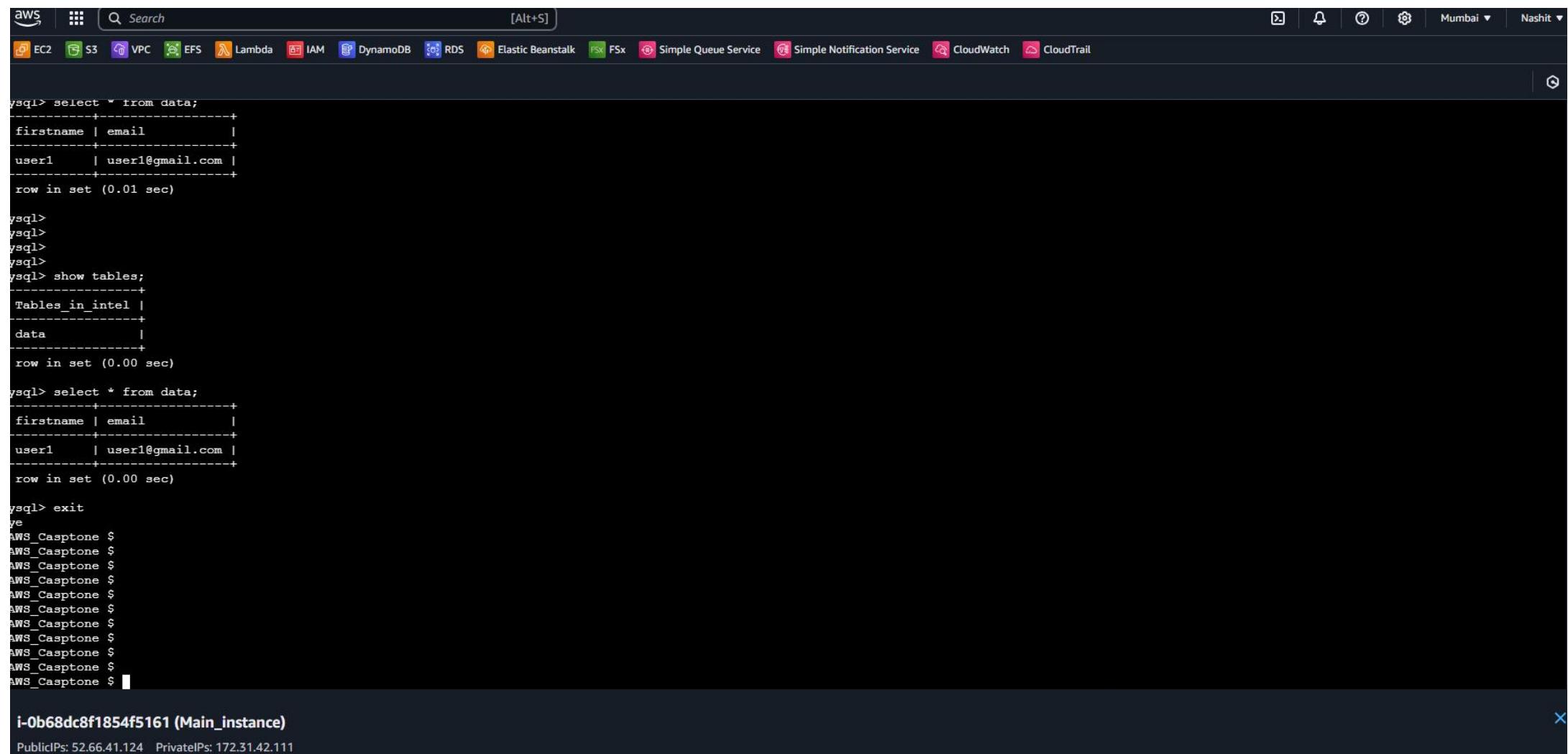
mysql> insert into data(firstname,email) values ("user1","user1@gmail.com");
Query OK, 1 row affected (0.01 sec)

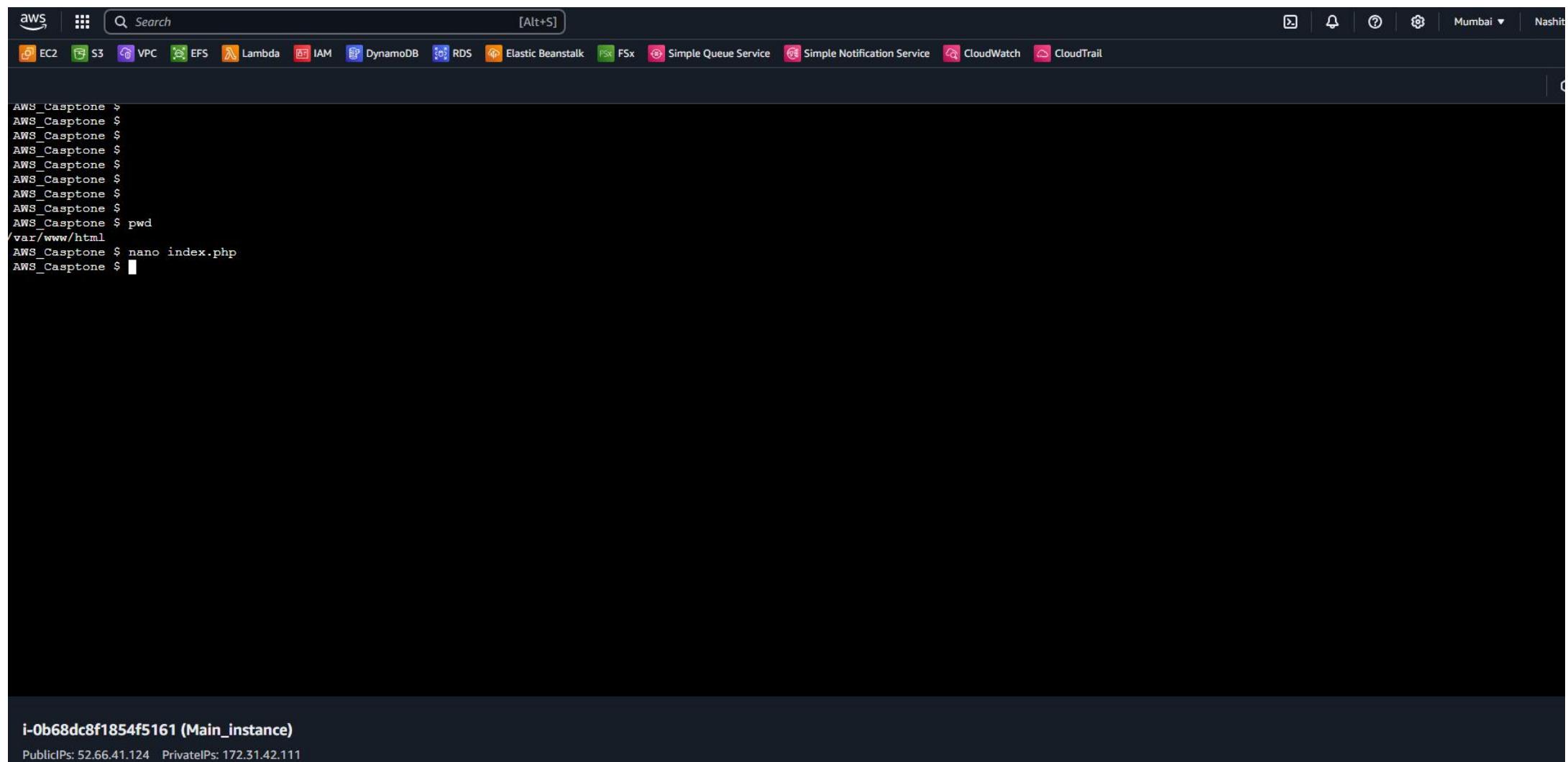
mysql> select * from data
-> ^C
mysql> select * from data;
+-----+
| firstname | email      |
+-----+
| user1    | user1@gmail.com |
+-----+
1 row in set (0.01 sec)

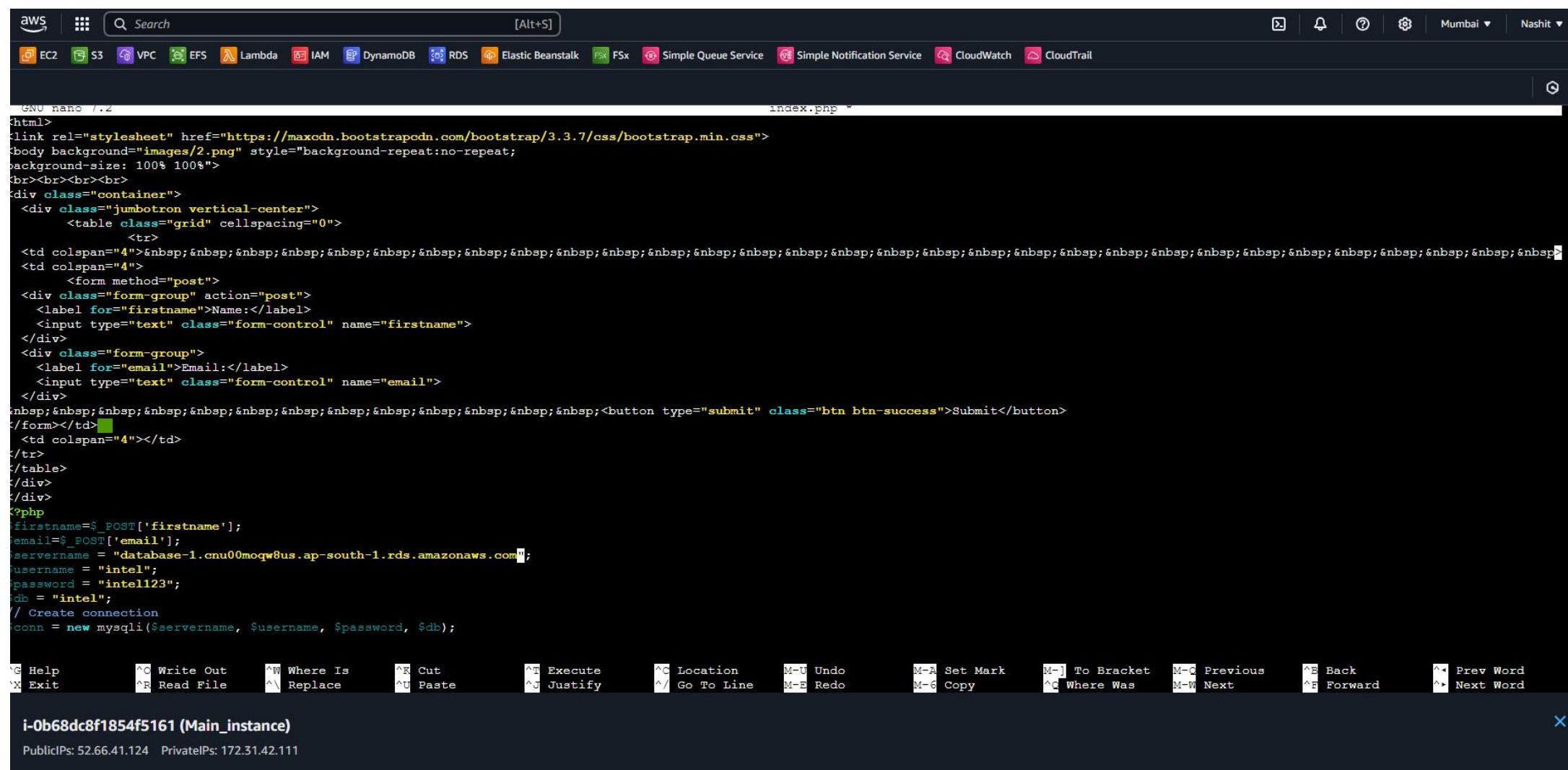
mysql>
mysql>
mysql>
mysql> 
```

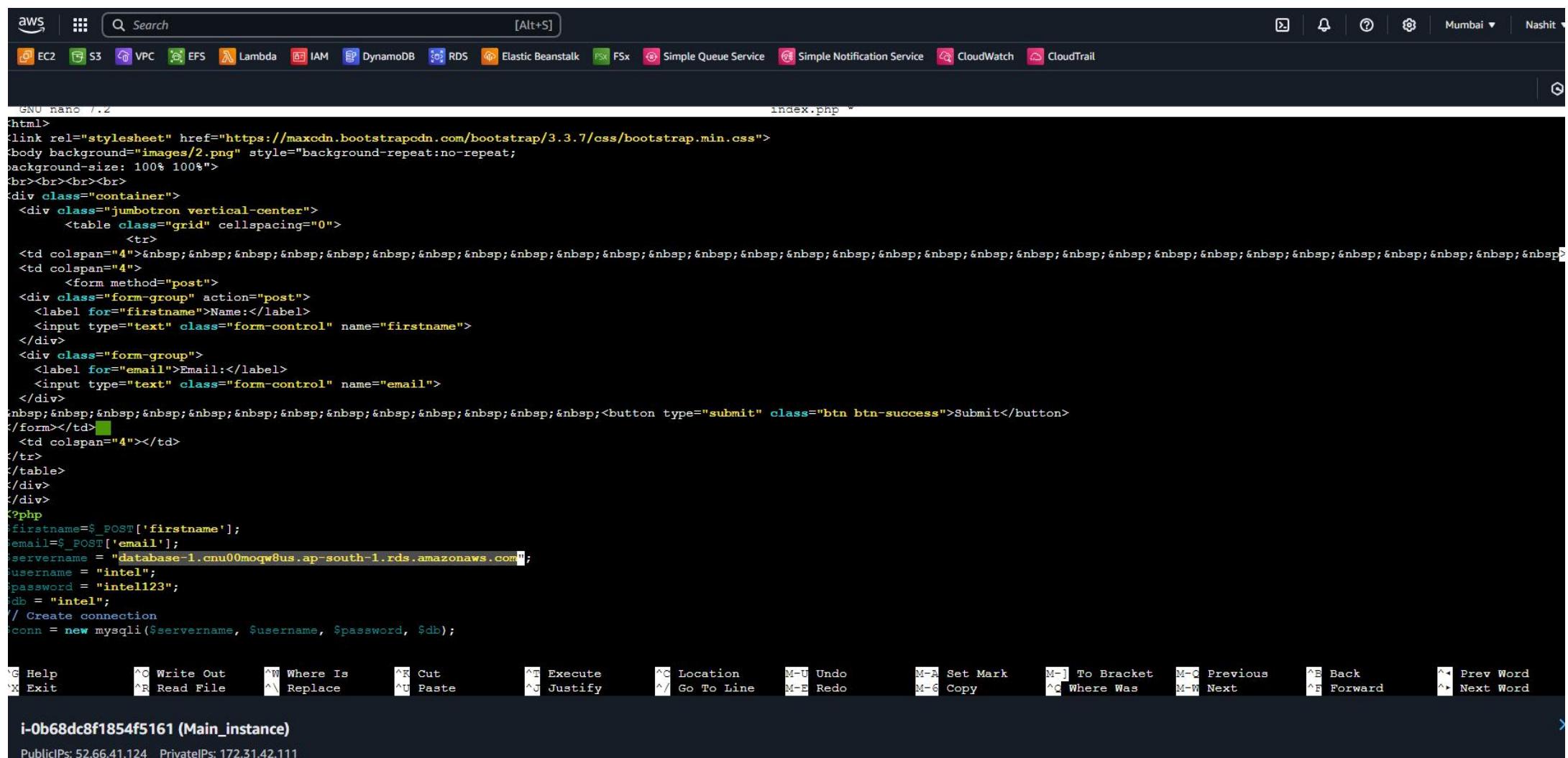
i-0b68dc8f1854f5161 (Main_instance)

Public IPs: 52.66.41.124 Private IPs: 172.31.42.111









Name:

Email:

Submit

Name:

Email:

w record created successfully

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

```
var/www/html
AWS_Captone $ nano index.php
AWS_Captone $ nano index.php
AWS_Captone $ nano index.php
AWS_Captone $ mysql -h database-1.cnu00moqw8us.ap-south-1.rds.amazonaws.com -u intel -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 33
Server version: 8.0.39 Source distribution

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
mysql>
mysql> show * data;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '* data' at line 1
mysql> select * from data;
ERROR 1046 (3D000): No database selected
mysql> use intel;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> select * from data
-> ^C
mysql> select * from data;
+-----+
| firstname | email      |
+-----+
| user1    | user1@gmail.com |
| temp1    | temp1@gmail.com |
+-----+
1 rows in set (0.00 sec)

mysql>
```

i-0b68dc8f1854f5161 (Main_instance)

Name:

Email:

Submit

ord created successfully

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

```
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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
mysql>
mysql> show * data;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '* data' at line 1
mysql> select * from data;
ERROR 1046 (3D000): No database selected
mysql> use intel;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> select * from data
-> ^C
mysql> select * from data;
+-----+-----+
| firstname | email      |
+-----+-----+
| user1    | user1@gmail.com |
| temp1   | temp1@gmail.com |
+-----+-----+
rows in set (0.00 sec)

mysql> select * from data;
+-----+-----+
| firstname | email      |
+-----+-----+
| user1    | user1@gmail.com |
| temp1   | temp1@gmail.com |
| user2    | user@gmail.com |
+-----+-----+
rows in set (0.00 sec)

mysql> 
```

i-0b68dc8f1854f5161 (Main_instance) X

PublicIPs: 52.66.41.124 PrivateIPs: 172.31.42.111

aws Search [Alt+S] Mumbai Nashit

EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

Instances (1/1) Info

Last updated less than a minute ago

Find Instance by attribute or tag (case-sensitive)

All states

Name Instance ID Instance state Instance type Status check Alarm status Availability Zone

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Main_instance	i-0b68dc8f1854f5161	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a

Actions ▲ Launch instances

Connect View details Manage instance state

Instance settings Networking Security Image and templates Monitor and troubleshoot

Details Status and alarms Monitoring Security Networking Storage Tags

i-0b68dc8f1854f5161 (Main_instance)

Instance summary Info

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0b68dc8f1854f5161	52.17.111.111	172.31.1.111

AWS CloudWatch Metrics Dashboard

Search: [Alt+S]

Last updated less than a minute ago

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

All states ▾

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability zone
Main_instance	i-0b68dc8f1854f5161	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1

Actions ▾

- Connect
- Instance state ▾
- Actions ▾
- Launch instances

Connect

View details

Manage instance state

Instance settings

Networking

Security

Image and templates

Monitor and troubleshoot

Create image

Create template from instance

Launch more like this

Instances (1/1) Info

i-0b68dc8f1854f5161 (Main_instance)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0b68dc8f1854f5161	172.17.0.2	172.17.0.3

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

EC2 Instances i-0b68dc8f1854f5161 Create image

Image description - optional

Image description

Maximum 255 characters

Reboot instance

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

Instance volumes

Storage type	Device	Snapshot	Size	Volume type	IOPS	Throughput	Delete on termination	Encrypted
EBS	/d...	Create new snapshot...	8	EBS General Purpo...	3000		<input checked="" type="checkbox"/> Enable	<input type="checkbox"/> Enable

Add volume

During the image creation process, Amazon EC2 creates a snapshot of each of the above volumes.

Tags - optional

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Tag image and snapshots together
Tag the image and the snapshots with the same tag.

Tag image and snapshots separately
Tag the image and the snapshots with different tags.

No tags associated with the resource.

Add new tag

You can add up to 50 more tags.

Create image

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

Dashboard EC2 Global View Events Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations Images AMIs AMI Catalog Elastic Block Store Volumes Snapshots Lifecycle Manager Network & Security Security Groups Elastic IPs Placement Groups Key Pairs Network Interfaces Load Balancing

Amazon Machine Images (AMIs) (1) [Info](#)

Owned by me Find AMI by attribute or tag

Name	AMI ID	Source	Owner	Visibility	Status	Creation date
project_image	ami-0b1595381d40351c0	024848469126/project_image	024848469126	Private	Pending	2024/12/18 00:18 G

Select an AMI

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Dashboard < Launch Templates (1) Info Actions Create launch template

Search

Launch Template ID	Launch Template Name	Default Version	Latest Version	Create Time	Created By	Managed	Op...
lt-0ac9e15e385694cf2	my_temp	3	3	2024-12-17T17:12:05.000Z	arn:aws:iam::024848469126:root	false	-

Select a launch template

AMIs
AMI Catalog

Volumes
Snapshots
Lifecycle Manager

Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces

Load Balancing

Screenshot of the AWS EC2 Launch Templates creation interface.

Header: AWS logo, Search bar, [Alt+S] keybinding, Mumbai region, CloudWatch Metrics icon.

Breadcrumbs: EC2 > Launch templates > Create launch template

Left Sidebar:

- Auto Scaling guidance:** Info link, Select this if you intend to use this template with EC2 Auto Scaling.
- Provide guidance to help me set up a template that I can use with EC2 Auto Scaling

Section Headers: ▶ Template tags, ▶ Source template

Launch template contents: Specify the details of your launch template below. Leaving a field blank will result in the field not being included in the launch template.

Application and OS Images (Amazon Machine Image): Info link, 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

Recent AMI Selections: Recents, My AMIs, Quick Start.

- Don't include in launch template
- Recently launched
- Currently in use

Advanced AMI Options: Browse more AMIs, Including AMIs from AWS, Marketplace and the Community.

Instance Type: Info | Get advice, Advanced

Summary (Right Panel):

- Software Image (AMI)
- Virtual server type (instance type)
- Firewall (security group)
- Storage (volumes)

Free tier Information: ⓘ 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, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet. X

Buttons: Cancel, Create launch template

AWS Search [Alt+S] Mumbai Nashi

EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

EC2 > Launch templates > Create launch template

Instance type Info | Get advice

Instance type

t2.micro

Family: t2 1 vCPU 1 GiB Memory Current generation: true On-Demand Linux base pricing: 0.0124 USD per Hour
On-Demand Windows base pricing: 0.017 USD per Hour On-Demand RHEL base pricing: 0.0268 USD per Hour
On-Demand Ubuntu Pro base pricing: 0.0142 USD per Hour On-Demand SUSE base pricing: 0.0124 USD per Hour

Free tier eligible

All generations

Compare instance types

Advanced

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

kipair1

Create new key pair

Network settings Info

Subnet Info

Don't include in launch template

Create new subnet

When you specify a subnet, a network interface is automatically added to your template.

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.

Select existing security group

Create security group

Security groups Info

Select security groups

Compare security group rules

Summary

Software Image (AMI)

project_image
ami-0b1595381d40351c0

Virtual server type (instance type)

t2.micro

Firewall (security group)

Mynewsg

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, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel Create launch template

aws | [Alt+S] | Mumbai | Nash

EC2 | S3 | VPC | EFS | Lambda | IAM | DynamoDB | RDS | Elastic Beanstalk | FSx | Simple Queue Service | Simple Notification Service | CloudWatch | CloudTrail

EC2 > Launch templates > Create launch template

Mynewsg sg-00492636c3bd596ab X
VPC: vpc-05eeae2a17bff2fb0

Advanced network configuration

Storage (volumes) Info

EBS Volumes Hide details

Volume 1 (AMI Root) (8 GiB, EBS, General purpose SSD (gp3))
AMI Volumes are not included in the template unless modified

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

Add new volume

The selected AMI contains more instance store volumes than the instance allows. Only the first 0 instance store volumes from the AMI will be accessible from the instance

Resource tags Info

No resource tags are currently included in this template. Add a resource tag to include it in the launch template.

Add new tag

You can add up to 50 more tags.

Advanced details Info

Compare security group rules

Summary

Software Image (AMI)
project_image
ami-0b1595381d40351c0

Virtual server type (instance type)
t2.micro

Firewall (security group)
Mynewsg

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, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet. X

Create launch template

AWS | Search [Alt+S] Mumbai ▾

EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations

Images
AMIs
AMI Catalog

Elastic Block Store
Volumes
Snapshots
Lifecycle Manager

Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces

Load Balancing
Load Balancers
Target Groups
Trust Stores New

Auto Scaling
Auto Scaling Groups

Amazon EC2 Auto Scaling

helps maintain the availability of your applications

Auto Scaling groups are collections of Amazon EC2 instances that enable automatic scaling and fleet management features. These features help you maintain the health and availability of your applications.

How it works

The diagram shows a central box labeled "Auto Scaling group" containing four squares. Below the first two squares is the label "Minimum size". Below the last two squares is the label "Maximum size". A bracket below the first square is labeled "Desired capacity". Above the last two squares is the label "Scale out as needed".

Create Auto Scaling group

Get started with EC2 Auto Scaling by creating an Auto Scaling group.

Create Auto Scaling group

Pricing

Amazon EC2 Auto Scaling features have no additional fees beyond the service fees for Amazon EC2, CloudWatch (for scaling policies), and the other AWS resources that you use. Visit the pricing page of each service to learn more.

Getting started

What is Amazon EC2 Auto Scaling?
Getting started with Amazon EC2 Auto Scaling
Set up a scaled and load-balanced application
FAQ

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

EC2 > Auto Scaling groups > Create Auto Scaling group

Add notifications
Step 6 - optional
Add tags
Step 7
Review

Launch template Info

For accounts created after May 31, 2023, the EC2 console only supports creating Auto Scaling groups with launch templates. Creating Auto Scaling groups with launch configurations is not recommended but still available via the CLI and API until December 31, 2023.

Launch template
Choose a launch template that contains the instance-level settings, such as the Amazon Machine Image (AMI), instance type, key pair, and security groups.
 (C)

[Create a launch template](#) (C)

Version
 (C)

[Create a launch template version](#) (C)

Description -	Launch template proj_temp <small>(C)</small> lt-0daeef13fe896dcb35	Instance type t2.micro
AMI ID ami-0b1595381d40351c0	Security groups -	Request Spot Instances No
Key pair name kipair1	Security group IDs sg-00492636c3bd596ab <small>(C)</small>	

Additional details

Storage (volumes) -	Date created Wed Dec 18 2024 00:25:01 GMT+0530 (India Standard Time)
-------------------------------	--

[Cancel](#) [Next](#)

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EC2 > Auto Scaling groups > Create Auto Scaling group

Your new load balancer will be created using the same VPC and Availability Zone selections as your Auto Scaling group. You can select different subnets and add subnets from additional Availability Zones.

VPC
vpc-05eeae2a17bff2fb0 [?]

Availability Zones and subnets
You must select a single subnet for each Availability Zone enabled. Only public subnets are available for selection to support DNS resolution.

ap-south-1a ap-south-1b ap-south-1c

subnet-0b43882cc96e0e954
subnet-08d70ee417a10b4e8
Select a subnet

Listeners and routing
If you require secure listeners, or multiple listeners, you can configure them from the [Load Balancing console](#) [?] after your load balancer is created.

Protocol	Port	Default routing (forward to)
HTTP	80	Create a target group

New target group name
An instance target group with default settings will be created.
Capstone_TG

Tags - optional
Consider adding tags to your load balancer. Tags enable you to categorize your AWS resources so you can more easily manage them.

Add tag
50 remaining

VPC Lattice integration options [Info]
To improve networking capabilities and scalability, integrate your Auto Scaling group with VPC Lattice. VPC Lattice facilitates communications between AWS services and helps you connect and manage your applications across compute services in AWS.
Select VPC Lattice service to attach

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

EC2 > Auto Scaling groups > Create Auto Scaling group

Step 4 - optional
 Configure group size and scaling
 Add notifications
 Add tags
 Step 7
 Review

Desired capacity type
Choose the unit of measurement for the desired capacity value. vCPUs and Memory(GiB) are only supported for mixed instances groups configured with a set of instance attributes.
Units (number of instances)

Desired capacity
Specify your group size.
2

Scaling Info
You can resize your Auto Scaling group manually or automatically to meet changes in demand.

Scaling limits
Set limits on how much your desired capacity can be increased or decreased.

Min desired capacity 1 Equal or less than desired capacity

Max desired capacity 10 Equal or greater than desired capacity

Automatic scaling - optional

Choose whether to use a target tracking policy Info
You can set up other metric-based scaling policies and scheduled scaling after creating your Auto Scaling group.

No scaling policies
Your Auto Scaling group will remain at its initial size and will not dynamically resize to meet demand.

Target tracking scaling policy
Choose a CloudWatch metric and target value and let the scaling policy adjust the desired capacity in proportion to the metric's value.

Instance maintenance policy Info
Control your Auto Scaling group's availability during instance replacement events. This includes health checks, instance refreshes, maximum instance lifetime features and events that happen automatically to keep your group balanced, called rebalancing events.

Choose a replacement behavior depending on your availability requirements

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

EC2 > Auto Scaling groups > Create Auto Scaling group

Replacement behavior: No policy | Min healthy percentage: - | Max healthy percentage: -

Additional settings

Instance scale-in protection: Disabled | Monitoring: Disabled | Default instance warmup: Disabled

Capacity Reservation preference

Preference: Default | Capacity Reservation IDs: - | Resource Groups: -

Step 5: Add notifications

Notifications

No notifications | Edit

Step 6: Add tags

Tags (0)

Key	Value	Action
		Tag new instances

No tags | Edit

Preview code | Cancel | Previous | Create Auto Scaling group

AWS CloudWatch Metrics Dashboard

Last updated less than a minute ago

Instances (3) Info

Find Instance by attribute or tag (case-sensitive)

All states ▾

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
Main_instance	i-0b68dc8f1854f5161	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1a	ec2-52-66-41-124.ap-s...
	i-0234c8ea4e0c14549	Running	t2.micro	Initializing	View alarms +	ap-south-1a	ec2-52-66-210-80.ap-s...
	i-02b1d281a553fb553	Running	t2.micro	Initializing	View alarms +	ap-south-1b	ec2-65-2-70-109.ap-so...

Select an instance

EC2 Global View

Events

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

Name:

Email:

Submit

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EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

EC2 Instances i-02b1d281a553fb553

Dashboard EC2 Global View Events Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations Images AMIs AMI Catalog Elastic Block Store Volumes Snapshots Lifecycle Manager Network & Security Security Groups Elastic IPs Placement Groups Key Pairs

Instance summary for i-02b1d281a553fb553

Updated less than a minute ago

Instance ID	i-02b1d281a553fb553	Public IPv4 address	65.2.70.109 open address
IPv6 address	-	Instance state	Running
Hostname type	IP name: ip-172-31-4-144.ap-south-1.compute.internal	Private IP DNS name (IPv4 only)	ip-172-31-4-144.ap-south-1.compute.internal
Answer private resource DNS name	-	Instance type	t2.micro
Auto-assigned IP address	65.2.70.109 [Public IP]	VPC ID	vpc-05eeae2a17bff2fb0
IAM Role	-	Subnet ID	subnet-08d70ee417a10b4e8
IMDSv2	Required	Instance ARN	arn:aws:ec2:ap-south-1:024848469126:instance/i-02b1d281a553fb553
Operator	-		

Connect Instance state Actions

Details Status and alarms Monitoring Security Networking Storage Tags

Instance details

AMI ID	ami-0b1595381d40351c0	Monitoring	disabled	Platform details	Linux/UNIX
AMI name	project_image	Allowed image	-	Termination protection	Disabled
Stop protection	-	Launch time	-	AMI location	-

Name:

Email:

Submit