

Amazon Web Services Sign-InLaunch an instance | EC2 Manag...EC2 Instance Connect(3) WhatsApp

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:ServicesSearch[Alt+S]MumbaiYashrathore5598

EC2 > Instances > Launch an instance

Success

Successfully initiated launch of instance (i-0b3d1bafd43247d8c)

Launch log

Next Steps

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

Create billing and free tier usage alerts

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

Create billing alerts

Connect to your instance

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

Connect to instance

Learn more

Connect an RDS database

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

Connect an RDS database

Create a new RDS database

Create EBS snapshot policy

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

Create EBS snapshot policy

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ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#SecurityGroups:sg-064e8efe4ea7d6ce6

Services Search [Alt+S]

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Inbound security group rules successfully modified on security group (sg-064e8efe4ea7d6ce6 | launch-wizard-3)

Details

EC2 > Security Groups > sg-064e8efe4ea7d6ce6 - launch-wizard-3

sg-064e8efe4ea7d6ce6 - launch-wizard-3

Actions

Details

Security group name launch-wizard-3	Security group ID sg-064e8efe4ea7d6ce6	Description launch-wizard created 2023-05-12T09:05:38.946Z	VPC ID vpc-07795109278962fe1
Owner 487678846433	Inbound rules count 2 Permission entries	Outbound rules count 1 Permission entry	

Inbound rules

Outbound rules


Tags

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

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```
ec2-user@ip-172-31-37-16:~  
[sudo] password for omkar:  
The authenticity of host 'ec2-3-108-227-226.ap-south-1.compute.amazonaws.com (3.108.227.226)' can't be established.  
ED25519 key fingerprint is SHA256:wE/PPIKAEL1lb177aiQYXkk+KVoyA8RAfLzPOuNzfM.  
This key is not known by any other names  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added 'ec2-3-108-227-226.ap-south-1.compute.amazonaws.com' (ED25519) to the list of known hosts.  
 Amazon Linux 2023  
https://aws.amazon.com/linux/amazon-linux-2023  
[ec2-user@ip-172-31-37-16 ~]$ sudo yum update  
Last metadata expiration check: 0:13:03 ago on Fri May 12 09:09:06 2023.  
Dependencies resolved.  
Nothing to do.  
Complete!  
[ec2-user@ip-172-31-37-16 ~]$ sudo yum install java-17-amazon-corretto-headless  
Last metadata expiration check: 0:31:02 ago on Fri May 12 09:09:06 2023.  
Dependencies resolved.  
===== Package Arch Version Repo  
Installing:  
java-17-amazon-corretto-headless x86_64 1:17.0.7+7-1.amzn2023.1 amazonlinux 91 M  
Installing dependencies:  
alsa-lib x86_64 1.2.7.2-1.amzn2023.0.2 amazonlinux 504 k  
cairo x86_64 1.17.4-3.amzn2023.0.2 amazonlinux 674 k  
dejavu-sans-fonts noarch 2.37-16.amzn2023.0.2 amazonlinux 1.3 M  
dejavu-sans-mono-fonts noarch 2.37-16.amzn2023.0.2 amazonlinux 467 k  
dejavu-serif-fonts noarch 2.37-16.amzn2023.0.2 amazonlinux 1.0 M  
fontconfig x86_64 2.13.94-2.amzn2023.0.2 amazonlinux 273 k  
fonts-filesystem noarch 1:2.0.5-5.amzn2023.0.2 amazonlinux 8.7 k  
freetype x86_64 2.12.1-3.amzn2023.0.1 amazonlinux 418 k  
google-noto-fonts-common noarch 20201206-2.amzn2023.0.2 amazonlinux 15 k  
google-noto-sans-vf-fonts noarch 20201206-2.amzn2023.0.2 amazonlinux 492 k  
graphite2 x86_64 1.3.14-7.amzn2023.0.2 amazonlinux 97 k  
harfbuzz x86_64 7.0.0-2.amzn2023.0.1 amazonlinux 868 k  
javapackages-filesystem noarch 6.0.0-7.amzn2023.0.5 amazonlinux 13 k  
langpacks-core-font-en noarch 3.0-21.amzn2023.0.4 amazonlinux 10 k  
libX11 x86_64 1.7.2-3.amzn2023.0.2 amazonlinux 657 k  
libX11-common noarch 1.7.2-3.amzn2023.0.2 amazonlinux 152 k  
libXau x86_64 1.0.9-6.amzn2023.0.2 amazonlinux 31 k
```

Amazon Web Services Sign-In

Instances | EC2 Management Console

Connect to instance | EC2 Management Console

Registration Form

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

aws Services Search [Alt+S]

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New EC2 Experience

EC2 Dashboard

EC2 Global View

Events

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

Name

demo

Instance ID

i-0b3d1bafd43247d8c

Instance state

Running

Instance type

t2.micro

Status check

2/2 checks passed

Alarm status

No alarms

Availability Zone

ap-south-1a

Instance: i-0b3d1bafd43247d8c (demo)

Instance summary Info

Instance ID

i-0b3d1bafd43247d8c (demo)

IPv6 address

-

Hostname type

IP name: ip-172-31-37-16.ap-south-1.compute.internal

Answer private resource DNS name

IPv4 (A)

Public IPv4 address

3.108.227.226 | open address

Instance state

Running

Private IP DNS name (IPv4 only)

ip-172-31-37-16.ap-south-1.compute.internal

Instance type

t2.micro

Private IPv4 addresses

172.31.37.16

Public IPv4 DNS

ec2-3-108-227-226.ap-south-1.compute.amazonaws.com | open address

Elastic IP addresses

-

Private IPv4 address copied

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Amazon Web Services Sign-In

Instances | EC2 Management Console

Connect to instance | EC2 Management Console

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ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstance:instanceId=i-0b3d1bafd43247d8c

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Connect to instance [Info](#)

Connect to your instance i-0b3d1bafd43247d8c (demo) using any of these options:

EC2 Instance Connect

Session Manager

SSH client

EC2 serial console

Instance ID

i-0b3d1bafd43247d8c (demo)

1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is db.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.
 `chmod 400 db.pem`
4. Connect to your instance using its Public DNS:
 `ec2-3-108-227-226.ap-south-1.compute.amazonaws.com`

Command copied

`ssh -i "db.pem" ec2-user@ec2-3-108-227-226.ap-south-1.compute.amazonaws.com`

Note: In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

Cancel

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Databases - RDS Management C

Connect to instance | EC2 Manag

Registration Form

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

awsServicesSearch[Alt+S]

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Amazon RDS

Dashboard

Databases

Query Editor

Performance insights

Snapshots

Exports in Amazon S3

Automated backups

Reserved instances

Proxies

Subnet groups

Parameter groups

Option groups

Custom engine versions

Events

Event subscriptions

RDS > Databases

Databases

Group resources

Modify

Actions

Restore from S3

Create database

Filter by databases

	DB identifier	Role	Engine	Region & AZ	Size	Status
	database-yash	Instance	MySQL Community	ap-south-1b	db.t3.micro	✓
	db	Instance	MySQL Community	ap-south-1a	db.t3.micro	✓

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MySQL Workbench

AWS DB

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

SCHEMAS

Filter objects

db

sys

Administration

Schemas

Information

Schema: db

Query 1

Limit to 1000 rows

1 use db;

2 show tables;

3 drop table user;

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

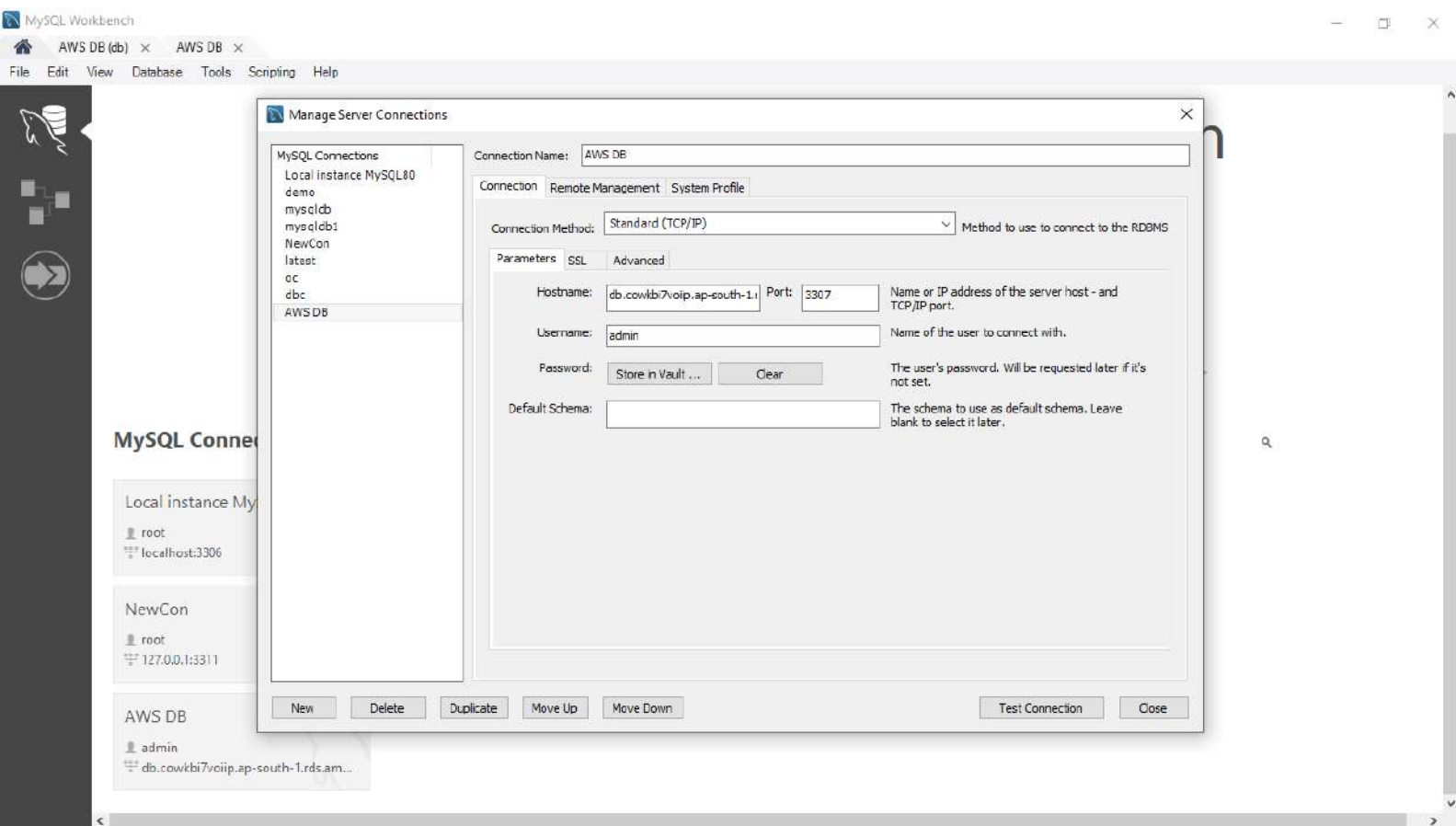
Output

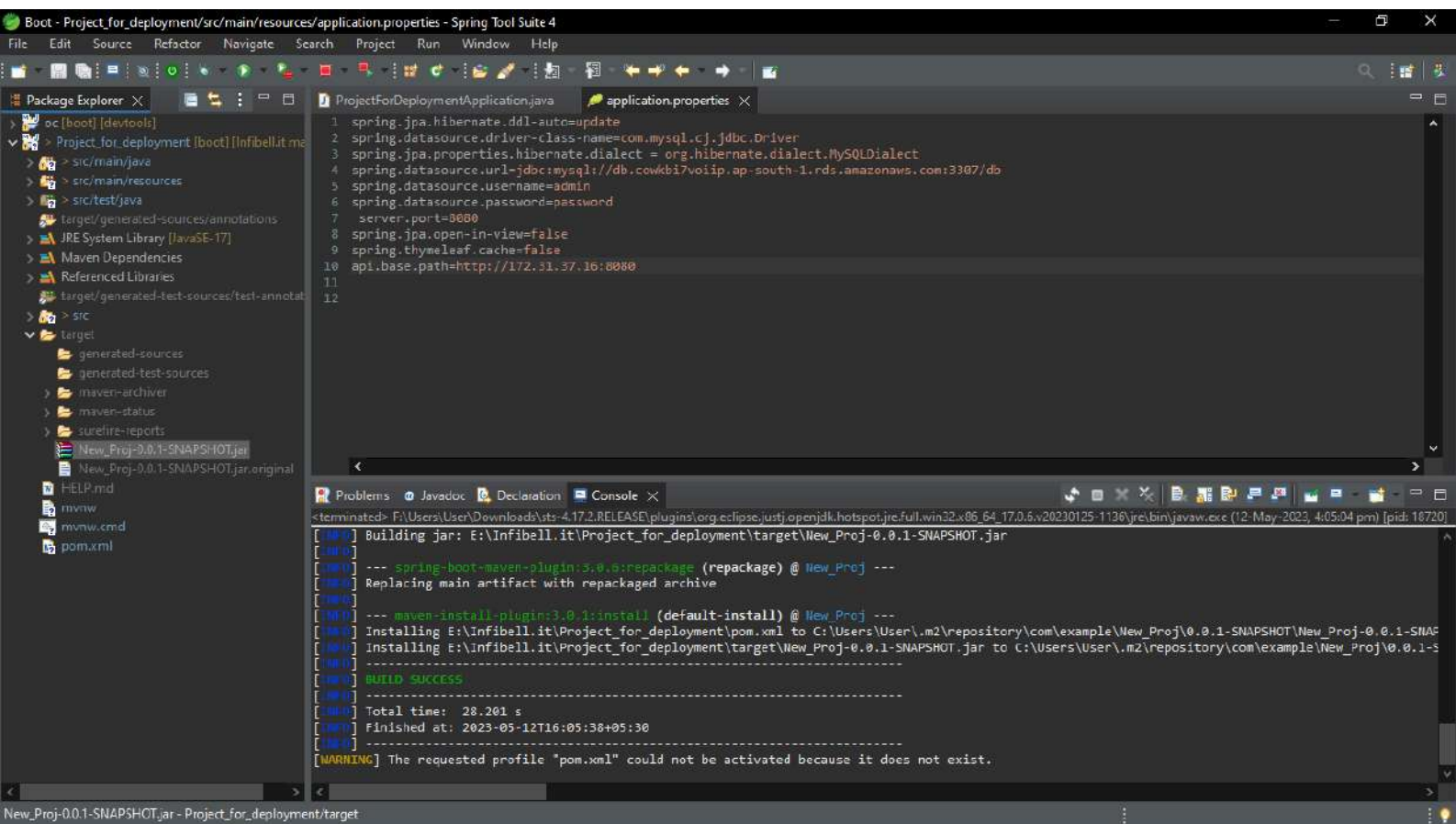
Action Output

#	Time	Action	Message	Duration / Fetch
1	14:28:49	show database	Error Code: 1054. You have an error in your SQL syntax; check the manual that corresponds to...	0.031 sec
2	14:28:52	show databases	5 row(s) returned	0.016 sec / 0.000 sec
3	14:29:09	use db	0 row(s) affected	0.016 sec
4	14:29:16	show tables	1 row(s) returned	0.062 sec / 0.000 sec
5	14:29:27	drop table user	0 row(s) affected	0.047 sec

Object Info

Session





```
omkar@DESKTOP-I5SD004: /mnt/c/Users/User/Desktop/aws1
[sudo] password for omkar:
scp: home/ec2-user: No such file or directory
omkar@DESKTOP-I5SD004:/mnt/c/Users/User/Desktop/aws1$ sudo ssh -i "db.pem" ec2-user@ec2-3-108-227-226.ap-south-1.compute.amazonaws.com

      #_
     ##
    ###
   ####
  #####
 \####|
  \###|
   \##|
    \#|
     V_|'-'>
        |
       _/
      /_
     /__\
    /___\
   /____\
  /_____\  
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023

Last login: Fri May 12 10:23:56 2023 from 38.9.60.117
[ec2-user@ip-172-31-37-16 ~]$ exit;
logout
Connection to ec2-3-108-227-226.ap-south-1.compute.amazonaws.com closed.
omkar@DESKTOP-I5SD004:/mnt/c/Users/User/Desktop/aws1$ sudo scp -i "db.pem" New_Proj-0.0.1-SNAPSHOT.jar ec2-user@ec2-3-108-227-226.ap-south-1.compute.amazonaws.com:/home/ec2-user
scp: home/ec2-user: No such file or directory
omkar@DESKTOP-I5SD004:/mnt/c/Users/User/Desktop/aws1$ sudo scp -i "db.pem" New_Proj-0.0.1-SNAPSHOT.jar ec2-user@ec2-3-108-227-226.ap-south-1.compute.amazonaws.com:/home/ec2-user
New_Proj-0.0.1-SNAPSHOT.jar                               100% 42MB  6.9MB/s   00:06
omkar@DESKTOP-I5SD004:/mnt/c/Users/User/Desktop/aws1$ ls
New_Proj-0.0.1-SNAPSHOT.jar db.pem
omkar@DESKTOP-I5SD004:/mnt/c/Users/User/Desktop/aws1$ sudo scp -i "db.pem" New_Proj-0.0.1-SNAPSHOT.jar ec2-user@ec2-3-108-227-226.ap-south-1.compute.amazonaws.com:/home/ec2-user
New_Proj-0.0.1-SNAPSHOT.jar                               100% 42MB  7.6MB/s   00:05
omkar@DESKTOP-I5SD004:/mnt/c/Users/User/Desktop/aws1$
```

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← → ↻ ⚠ Not secure | 3.108.227.226:8080 🔍 ☆ ⚙ 📄 0 ⋮

Registration Form

Name:

Enter your name

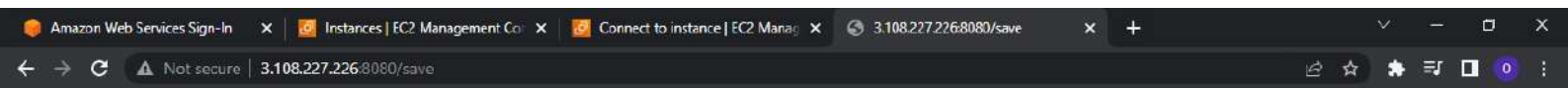
Email address:

Enter your email

Contact number:

Enter your contact number

Submit



Thank You !