

cdacproject_frontend/LoginServicx | cdacproject_backend/customerSx | React Appx | Launch an instance | EC2 Managex

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

awsServicesSearch[Alt+S]

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EC2 > Instances > Launch an instance

Launch an instance [Info](#)

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 [Info](#)

Name

Omkar

Add additional tags

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

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

▼ Summary

Number of instances [Info](#)

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.0.2...[read more](#)

ami-Ca79730daaf45078a

Virtual server type (Instance type)

t3.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750

Cancel

Launch instance

[Review commands](#)

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Quick Start

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

5

Amazon Linux

aws

Mac

ubuntu

Microsoft

Red Hat

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Amazon Linux 2023 AMI

ami-0a79730daaf45078a (64-bit (x86)) / ami-0fbdd26eea4b9e44e (64-bit (Arm))

Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Description

Amazon Linux 2023 AMI 2023.0.20230503.0 x86_64 HVM kernel-6.1

Architecture

AMI ID

ami-0a79730daaf45078a

Verified provider

▼ Instance type Info

Instance type

▼ Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.0.2...read more

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Instance type

Instance type info

Instance type

t3.micro

Family: t3 - 2 vCPU, 1 GiB Memory - Current generation On-Demand 3440 vCPU 6.0728 USD per Hour On-Demand 3440 vCPU 6.0168 USD per Hour On-Demand Linux gp3-bag 0.0138 USD per Hour On-Demand Windows gp3-bag 0.02 USD per Hour

Key pair (login)

Key pair (login) info

You can use a key pair to securely connect to your instance.

Key pair name - required

Select

Network settings

Network settings info

Network info

Subnet: eu-north-1-subnet-1

Create key pair

Key pairs allow you to connect to your instance securely.

Enter the name of the key pair below. When prompted, store the private key in a secure and accessible location on your computer. **You will need it later to connect to your instance.** [Learn more](#)

Key pair name

infobell_omkar

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

☒ RSA
RSA encrypted private and public key pair

☐ ED25519
ED25519 encrypted private and public key pair (Not supported for Windows instances)

Private key file format

☒ .pem
For use with OpenSSH

☐ .ppk
For use with PuTTY

CancelCreate key pair

Launch instance

Review commands

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cdacproject_frontend/LoginServic...cdacproject_backend/customerS...React AppEC2 Management Console

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

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EC2 > Instances > Launch an instance

Success

Successfully initiated launch of instance (i-0007e5503eff3334a)

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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eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#ConnectToInstance:instanceId=i-0007e5503eff3334a

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EC2 > Instances > i-0007e5503eff3334a > Connect to instance

Connect to instance [Info](#)

Connect to your instance i-0007e5503eff3334a (Omkar) using any of these options

EC2 Instance Connect

Session Manager

SSH client

EC2 serial console

Instance ID

i-0007e5503eff3334a (Omkar)

Public IP address

13.51.251.62

User name

Enter the user name defined in the AMI used to launch the instance. If you didn't define a custom user name, use the default user name, ec2-user.

ec2-user

Note:

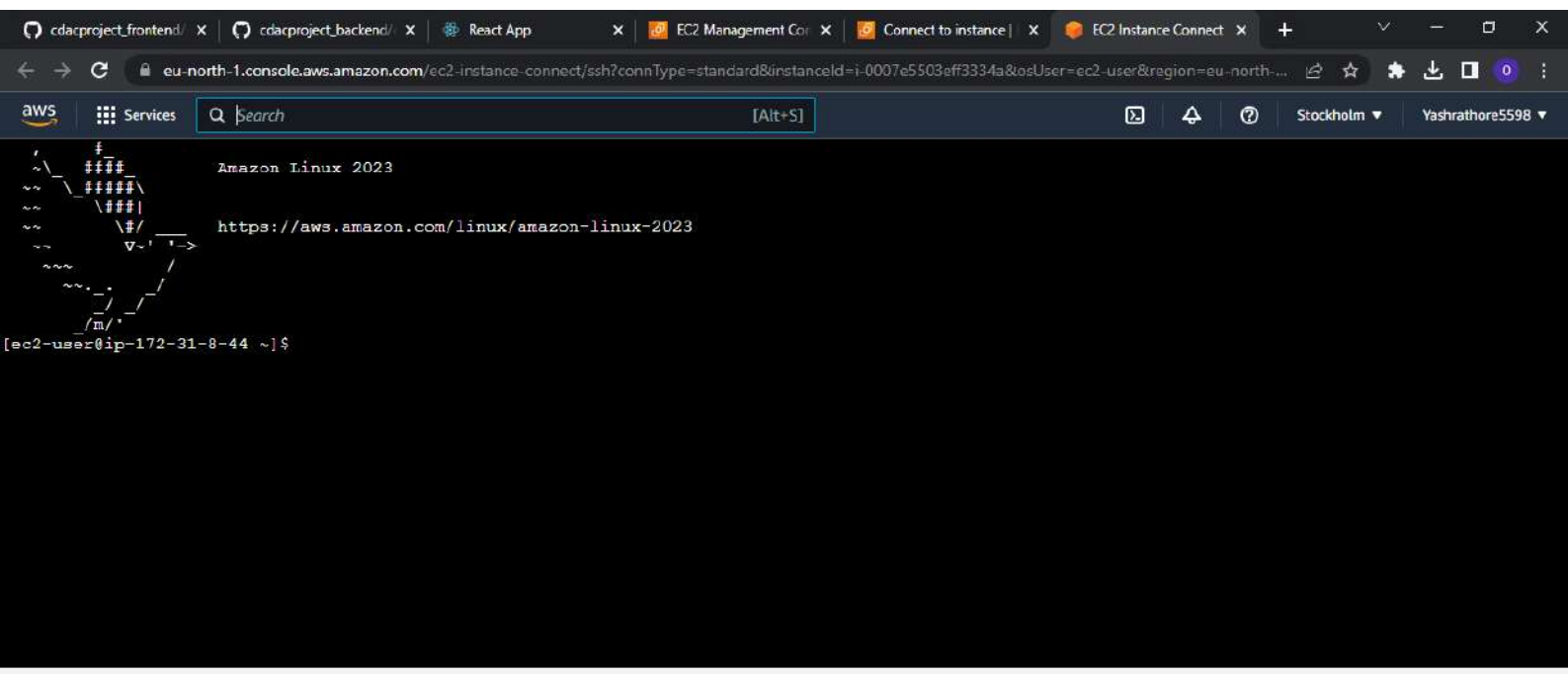
In most cases, the default user name, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

Cancel

Connect

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i-0007e5503eff3334a (Omkar)

PublicIPs: 13.51.251.62 PrivateIPs: 172.31.8.44

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eu-north-1.console.aws.amazon.com/rds/home?region=eu-north-1#

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Amazon RDS

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Try the new Amazon RDS Multi-AZ deployment option for MySQL and PostgreSQL

For your Amazon RDS for MySQL and PostgreSQL workloads, improve transactional commit latencies by 2x, experience faster failover typically less than 35 seconds and, get read scalability with two readable standby DB instances by deploying the Multi-AZ DB cluster

Learn more

Create database

Or, Restore Multi-AZ DB Cluster from Snapshot

Resources

Refresh

You are using the following Amazon RDS resources in the EU (Stockholm) region (used/quota)

DB Instances (1/40)

Allocated storage (0.02 TB/100 TB)

Increase DB instances limit

Parameter groups (1)

Default (1)

Custom (0/100)

DB Clusters (0/40)

Reserved instances (0/40)

Snapshots (1)

Option groups (1)

Default (1)

Custom (0/20)

Subnet groups (1/50)

Supported platforms VPC

Default network vpc-031cccb65a7d5c71e

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

Implementing Cross-Region DR

Learn how to set up Cross-Region disaster recovery (DR) for Aurora PostgreSQL using

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eu-north-1.console.aws.amazon.com/rds/home?region=eu-north-1#launch-dbinstance:gdb=false;s3-import=false


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Engine type Info


☐ Aurora (MySQL Compatible)



☐ Aurora (PostgreSQL Compatible)


☒ MySQL


☐ MariaDB



☐ PostgreSQL


☐ Oracle


☐ Microsoft SQL Server


Edition

☒ MySQL Community

 Known issues/limitations

Review the [Known issues/limitations](#) to learn about potential compatibility issues with specific

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.

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eu-north-1.console.aws.amazon.com/rds/home?region=eu-north-1#launch-dbinstance&gdb=false&s3-import=false

aws Services Search [Alt+S]

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Type a login ID for the master user of your DB instance.

admin

1 to 16 alphanumeric characters. First character must be a letter.

☐ Manage master credentials in AWS Secrets Manager

Manage master user credentials in Secrets Manager. RDS can generate a password for you and manage it throughout its lifecycle.

If you manage the master user credentials in Secrets Manager, some RDS features aren't supported.

[Learn more](#)

☐ Auto generate a password

Amazon RDS can generate a password for you, or you can specify your own password.

Master password [Info](#)

.....

Constraints: At least 8 printable ASCII characters. Can't contain any of the following: / (slash), ' (single quote), " (double quote) and @ (at sign).

Confirm master password [Info](#)

.....

Instance configuration

The DB Instance configuration options below are limited to those supported by the engine that you selected above.

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eu-north-1.console.aws.amazon.com/rds/home?region=eu-north-1#launch-database&db=postgres&import=false

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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-vpc-031cccb65a7d5c71e
3 Subnets, 3 Availability Zones

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.

VPC security group (firewall) Info

Choose one or more VPC security groups to allow access to your database. Make sure that the security group rules allow the appropriate incoming traffic.

☒ Choose existing
Choose existing VPC security groups

☐ Create new
Create new VPC security group

Existing VPC security groups

Choose one or more options

default X

MySQL X

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Creating database database-1

View credential details

Your database might take a few minutes to launch. We have generated your database master password during the database creation and it will be displayed in the credential details. This is the only time you will be able to view this password. However you can modify your database to create a new password at any time.

You can use settings from database-1 to simplify configuration of suggested database add-ons while we finish creating your DB for you.

How was your experience creating an Amazon RDS database? [Provide feedback](#)

RDS > Databases

Consider creating a Blue/Green Deployment to minimize downtime during upgrades

You may want to consider using Amazon RDS Blue/Green Deployments and minimize your downtime during upgrades. A Blue/Green Deployment provides a staging environment for changes to production databases. [RDS User Guide](#) [Aurora User Guide](#)

Databases

Group resources

Modify

Actions

Restore from S3

Create database

Filter by databases

	DB identifier	Role	Engine	Region & AZ	Size	
	database-1	Instance	MySQL Community	-	db.t3.micro	
	yogeshdatabase	Instance	MySQL Community	eu-north-1h	db.t3.micro	

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Databases

☒ Group resources

Refresh

Modify

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Restore from S3

Create database

Filter by databases

< 1 >

Settings

	Role	Engine	Region & AZ	Size	Status	CPU	Curre
	Instance	MySQL Community	-	db.t3.micro	Creating	-	
	Instance	MySQL Community	eu-north-1b	db.t3.micro	Available	<div>2.67%</div>	

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cdacproject_frontend/

cdacproject_backend/

React App

Databases - RDS Man

EC2 Instance Connect

(1) WhatsApp

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

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Databases

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Create database

Filter by databases

	Role	Engine	Region & AZ	Size	Status	CPU	Current activity
Instance	MySQL Community	eu-north-1c	db.t3.micro	Available	3.55%	0 Conn	
Instance	MySQL Community	eu-north-1b	db.t3.micro	Available	16.12%	0 Conn	
Instance	MySQL Community	eu-north-1b	db.t3.micro	Available	2.67%	0 Conn	

CloudShell

Feedback

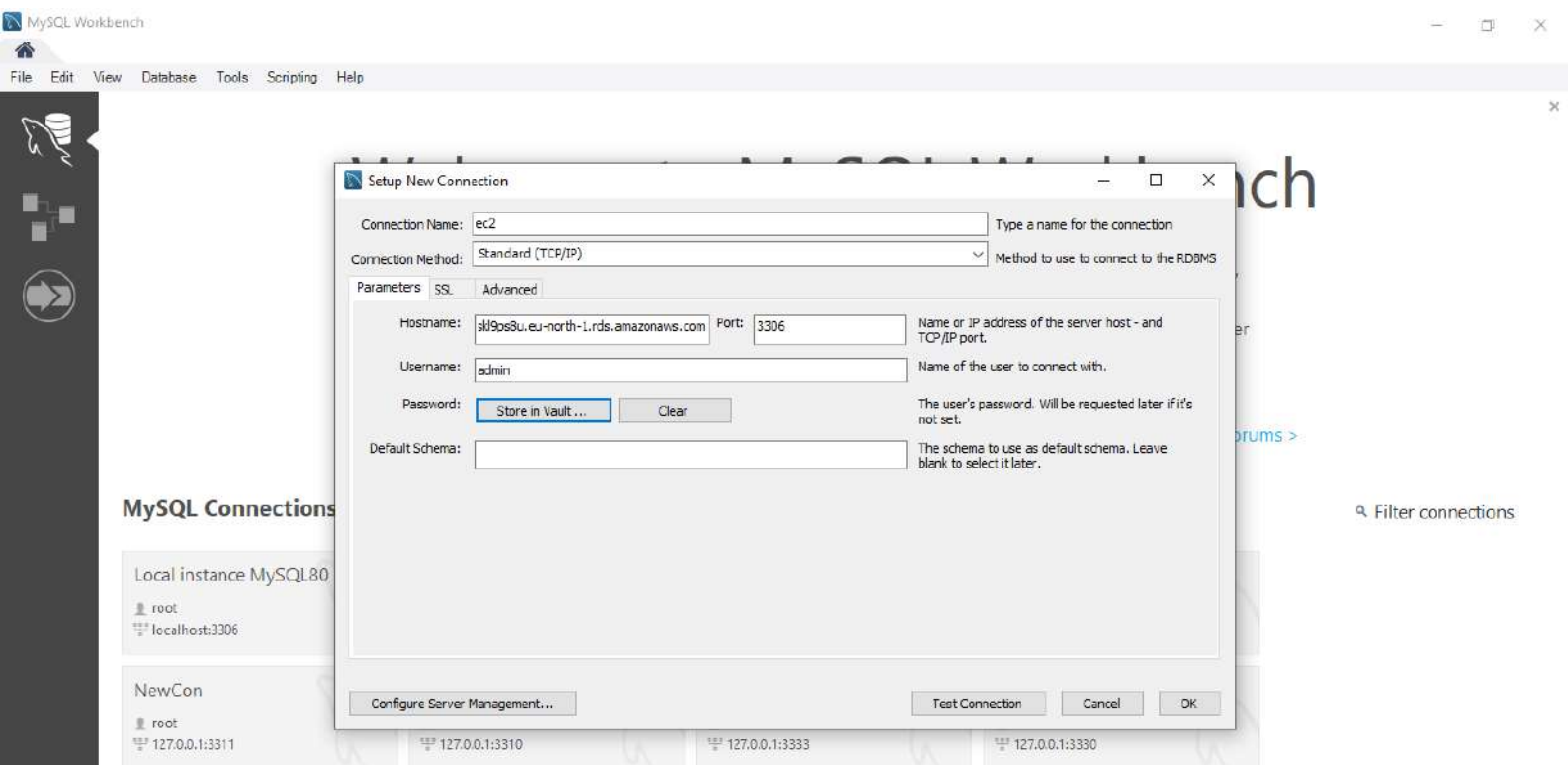
Language

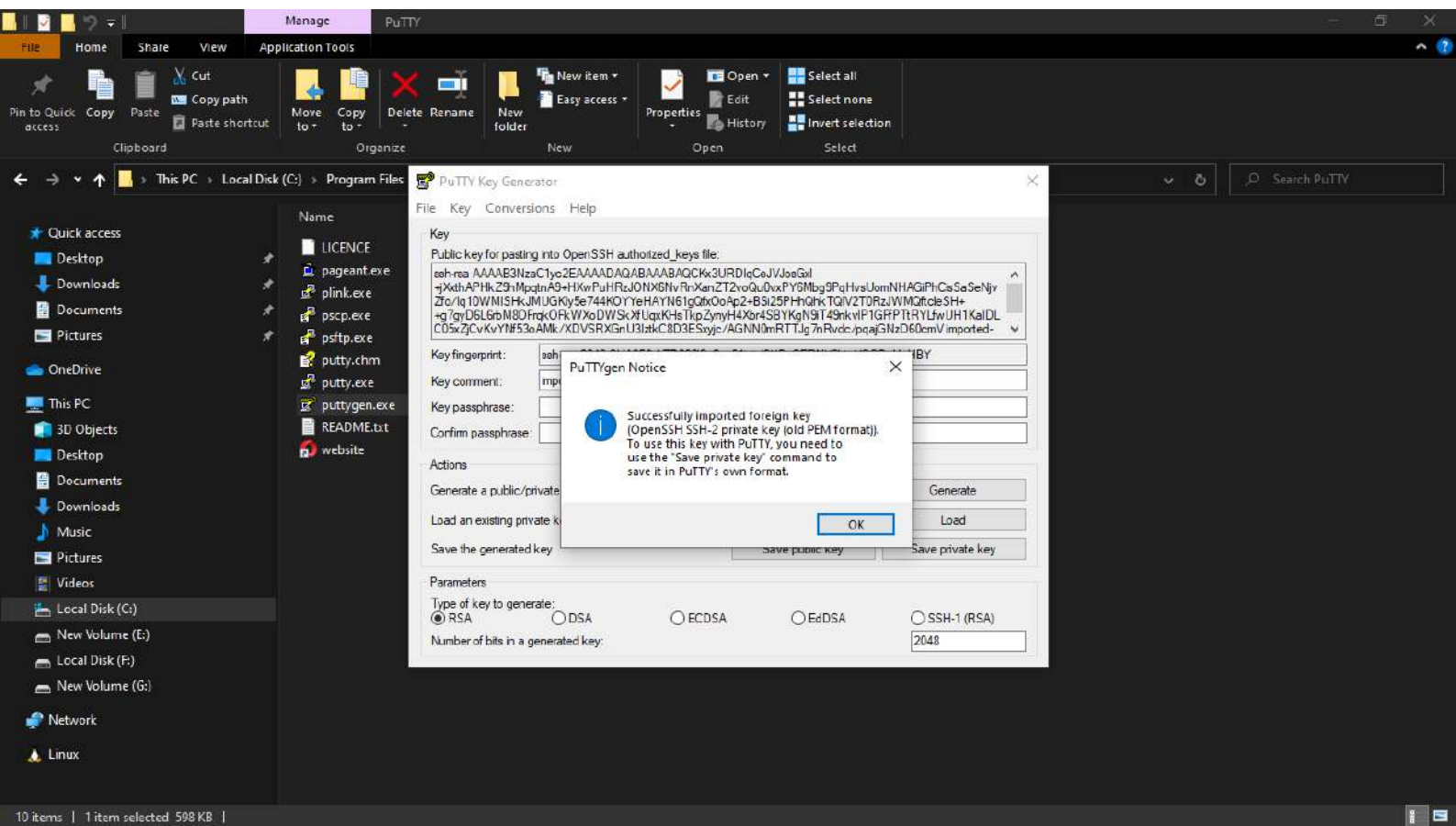
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Database Details - RD x EC2 Management Con x Instances | EC2 Mana x EC2 Instance Connect x React App x How to Connect to y: x +

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

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New EC2 Experience Tell us what you think

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 (1/6) Info

Find instance by attribute

Name	Instance ID	Instance type	State
<input type="checkbox"/> Omkar	i-03ebb9b350a349f15	t3.micro	Running
<input type="checkbox"/> Yashwant	i-03ebb9b350a349f15	t3.micro	Running
<input type="checkbox"/> varun	i-03ebb9b350a349f15	t3.micro	Running
<input type="checkbox"/> Shubham	i-03ebb9b350a349f15	t3.micro	Running
<input checked="" type="checkbox"/> Omkar	i-03ebb9b350a349f15	t3.micro	Running

Instance: i-03ebb9b350a349f15

Instance ID
i-03ebb9b350a349f15 (Omkar)

IPv6 address
-

Hostname type
IP name: ip-172-31-10-3.eu-north-1.compute.internal

Answer private resource DNS name (IPv4 (A))
ip-172-31-10-3.eu-north-1.compute.internal

Private IP DNS name (IPv4 only)
ip-172-31-10-3.eu-north-1.compute.internal

Instance type
t3.micro

Putty Configuration

Category:

- Keyboard
- Window
- Appearance
- Behaviour
- Translation
- Selection
- Colours
- Connection
- Data
- Proxy
- SSH
 - Key
 - Host keys
 - Cipher
 - Auth
 - Credenti
 - GSSAPI
 - TTY
 - X11

Credentials to authenticate with

Public-key authentication

Private key file for authentication:
E:\Infinibell\it\ec2\omkar.ppk Browse...

Certificate to use with the private key:
Browse...

Plugin to provide authentication responses:
Plugin command to run

About Open Cancel

Status check Alarm status Availability Zone

Status check	Alarm status	Availability Zone
-	No alarms	eu-north-1c
2/2 checks passed	No alarms	eu-north-1c
2/2 checks passed	No alarms	eu-north-1c
2/2 checks passed	No alarms	eu-north-1c
2/2 checks passed	No alarms	eu-north-1c

Private IPv4 addresses
172.31.10.3

Public IPv4 DNS
ec2-16-16-138-132.eu-north-1.compute.amazonaws.com | open address

Elastic IP addresses

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