

Amazon RDS Databases Management Console

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

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.

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	Status
database-2	Instance	MySQL Community	eu-north-1a	db.t3.micro	Creating

CloudShell Feedback Language

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Amazon RDS Databases Management Console

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

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RDS > Databases

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Databases Group resources Modify Actions Restore from S3 Create database

Filter by databases

DB identifier	Role	Engine	Region & AZ	Size	Status
database-2	Instance	MySQL Community	eu-north-1a	db.t3.micro	Available

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Database Details - RDS Manager x Speedtest by Ookla - The Global x +

eu-north-1.console.aws.amazon.com/rds/home?region=eu-north-1#databaseid=database-2;cluster=false

Amazon RDS

Database-2

Summary

DB identifier database-2	CPU 3.21%	Status Available	Class db.t3.micro
Role	Current activity 0 Connections	Engine MySQL Community	Region & AZ eu-north-1a
Instance			

Connectivity & security | Monitoring | Logs & events | Configuration | Maintenance & backups | Tags

Connectivity & security

Endpoint & port | Networking | Security

Endpoint: database-2.ccxp7tg7lhop.eu-north-1.rds.amazonaws.com

Availability Zone: eu-north-1a

VPC security groups: default (sg-0f7f56c0c33665e3a)

Publicly accessible: Yes

Certificate authority: rds-ca-2019

Certificate authority date: August 22, 2024, 22:38 (UTC+05:30)

DB instance certificate expiration date: August 22, 2024, 22:38 (UTC+05:30)

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Database Details - RDS Manager x Speedtest by Ookla - The Global x +

eu-north-1.console.aws.amazon.com/rds/home?region=eu-north-1#databaseid=database-2;cluster=false

Amazon RDS

Endpoint & port

Endpoint: database-2.ccxp7tg7lhop.eu-north-1.rds.amazonaws.com

Port: 3306

Networking

Availability Zone: eu-north-1a

VPC: vpc-0a3d8b0ac07f85312

Subnet group: default-vpc-0a3d8b0ac07f85312

Subnets: subnet-0df78a4a3f3ceb280, subnet-09e996dc94932e874, subnet-0c84efbc2043b06d8

Network type: IPv4

Security

VPC security groups: default (sg-0f7f56c0c33665e3a)

Publicly accessible: Yes

Certificate authority: rds-ca-2019

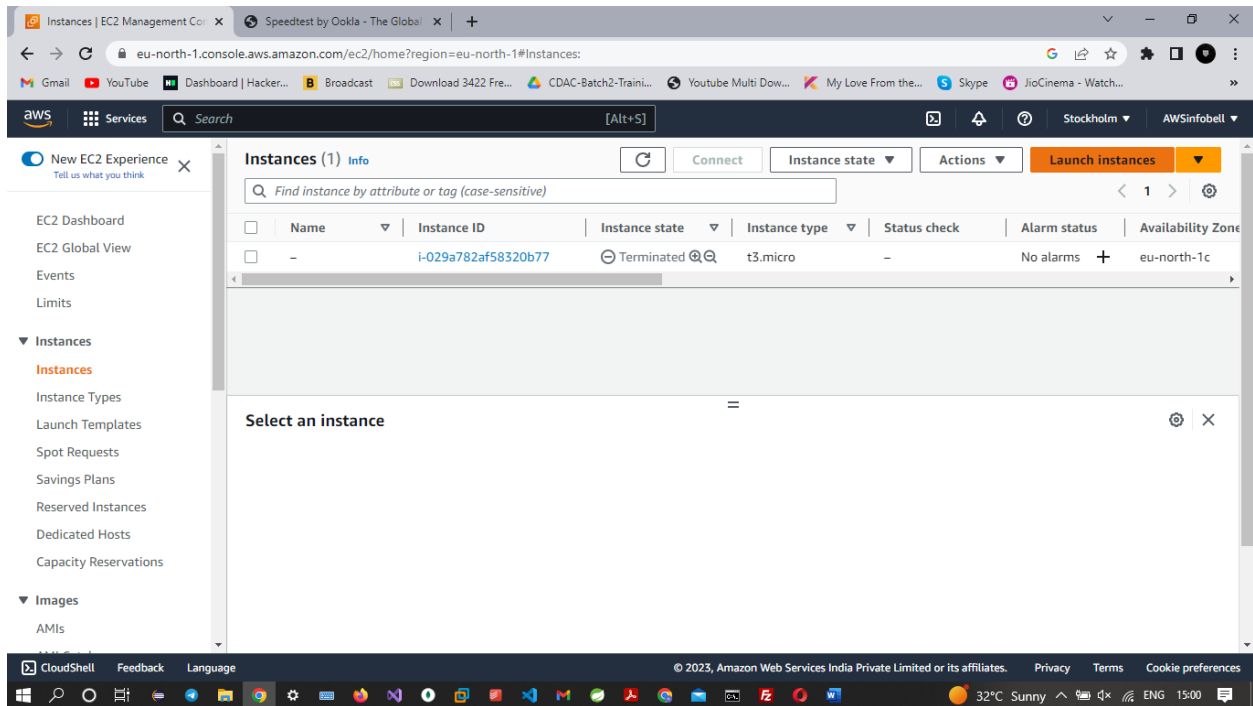
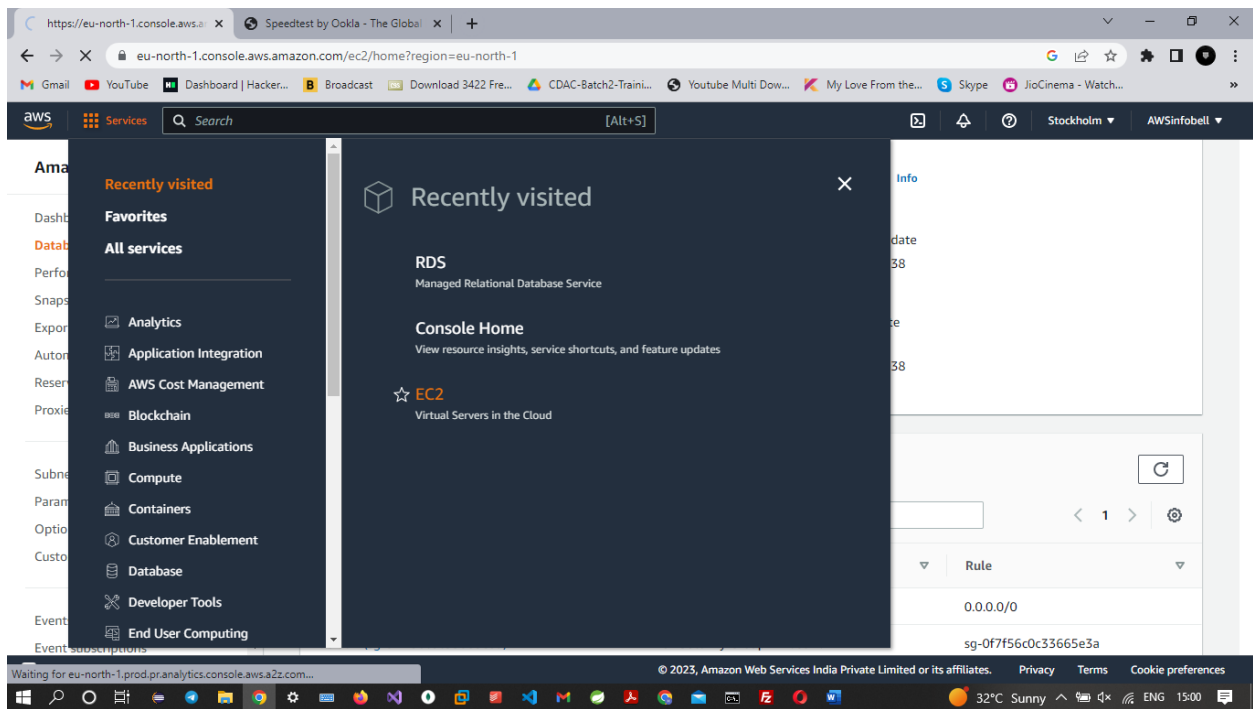
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Launch an instance | EC2 Manage | x Speedtest by Ookla - The Global x +

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

Gmail YouTube Dashboard | Hacker... Broadcast Download 3422 Fre... CDAC-Batch2-Train... Youtube Multi Dow... My Love From the... Skype JioCinema - Watch...

aws Services Search [Alt+S]

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### Quick Start

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

S

Amazon Linux 2023 AMI

ami-0a79730daaf45078a (64-bit (x86)) / ami-0fbdd26ea4b9e44e (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

64-bit (x86)

ami-0a79730daaf45078a

Verified provider

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Launch an instance | EC2 Manage | x Speedtest by Ookla - The Global x +

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

Gmail YouTube Dashboard | Hacker... Broadcast Download 3422 Fre... CDAC-Batch2-Train... Youtube Multi Dow... My Love From the... Skype JioCinema - Watch...

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### Key pair (login) [Info](#)

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

Key pair name - required

Select

### Network settings [Info](#)

[Network](#) [Info](#)

vpc-0a3d8b0ac07f85312

[Subnet](#) [Info](#)

No preference (Default subnet in any availability zone)

[Auto-assign public IP](#) [Info](#)

Enable

[Firewall \(security groups\)](#) [Info](#)

A security group is a set of firewall rules that control network traffic to and from your instances.

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

Hits

The name can include upto 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

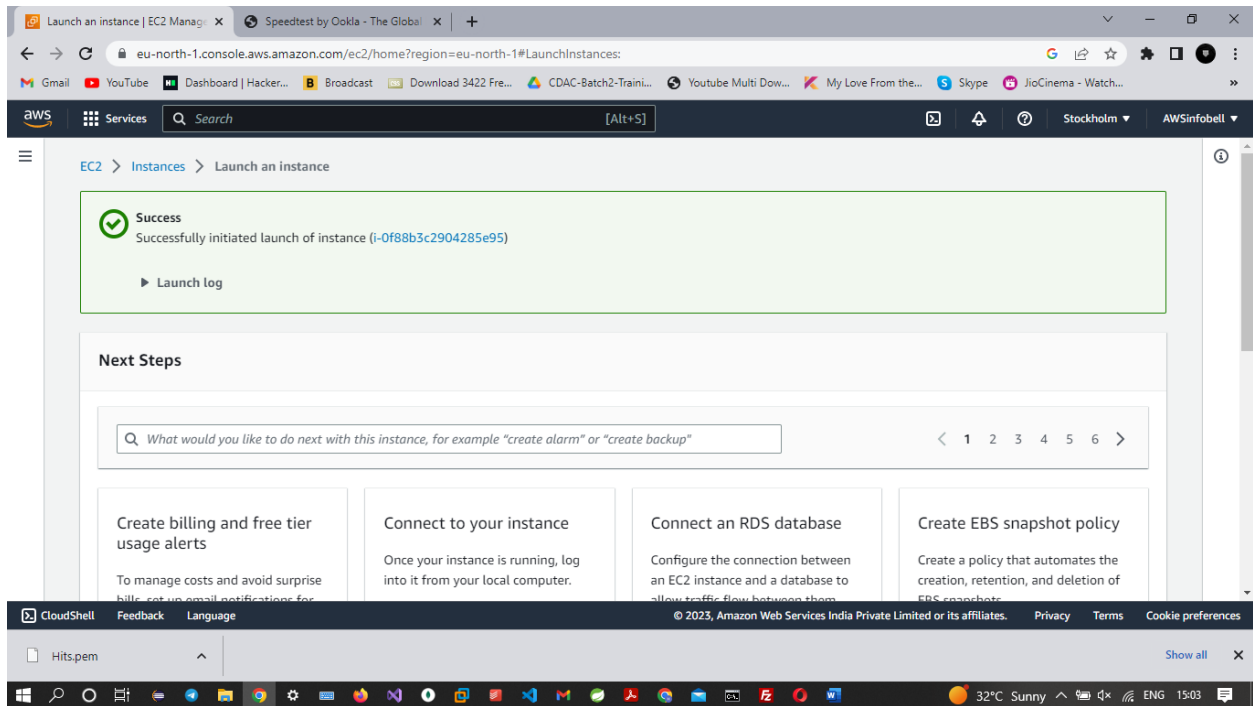
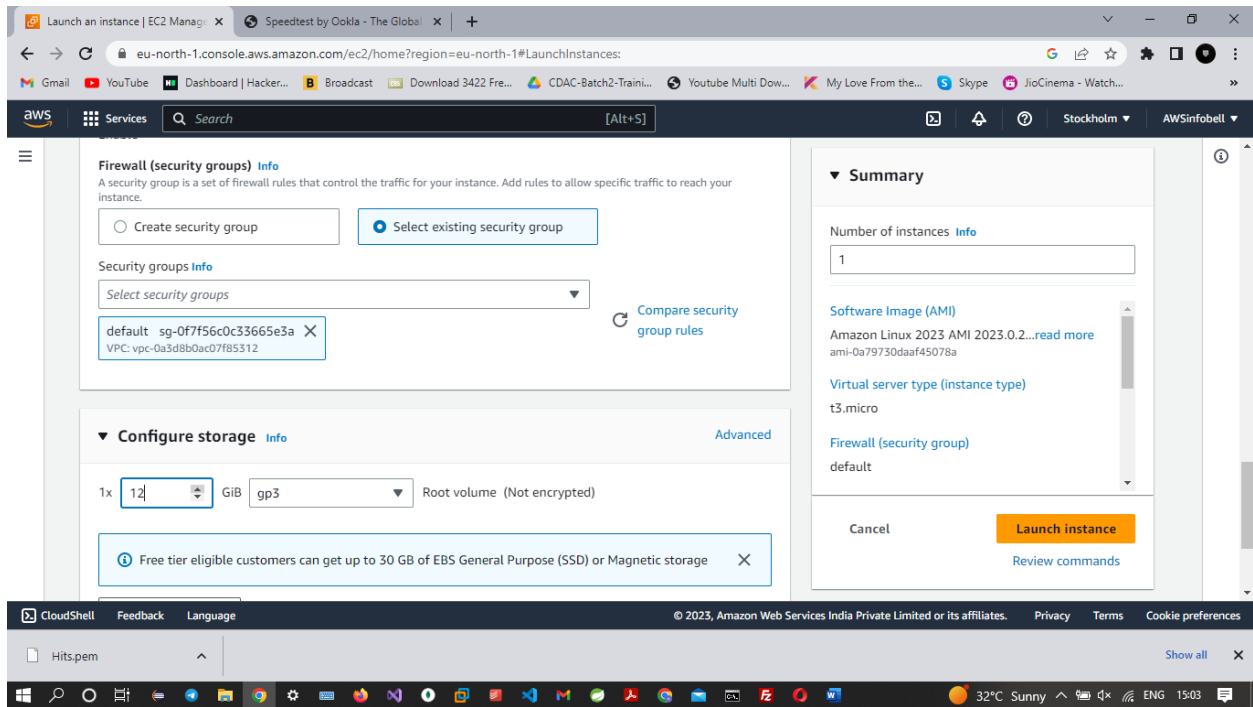
Cancel [Create key pair](#)

[Launch instance](#) [Review commands](#)

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EC2 Management Console

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

Services Search [Alt+S]

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

Instances (2) Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
-	i-029a782af58320b77	Terminated	t3.micro	-	No alarms	eu-north-1c
Infobell_Demo	i-0f88b3c2904285e95	Running	t3.micro	Initializing	No alarms	eu-north-1c

Select an instance

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Hits.pem

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Instance details | EC2 Management Console

eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#InstanceDetails:instanceId=i-0f88b3c2904285e95

Services Search [Alt+S]

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Reserved Instances

Dedicated Hosts

Capacity Reservations

EC2 > Instances > i-0f88b3c2904285e95

Instance summary for i-0f88b3c2904285e95 (Infobell\_Demo) Info

Updated less than a minute ago

Instance ID i-0f88b3c2904285e95 (Infobell_Demo)	Public IPv4 address 13.50.247.31   open address	Private IPv4 addresses 172.31.11.207
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-13-50-247-31.eu-north-1.compute.amazonaws.com   open address
Hostname type IP name: ip-172-31-11-207.eu-north-1.compute.internal	Private IP DNS name (IPv4 only) ip-172-31-11-207.eu-north-1.compute.internal	Elastic IP addresses -
Answer private resource DNS name IPv4 (A)	Instance type t3.micro	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations.   Learn more
Auto-assigned IP address 13.50.247.31 [Public IP]	VPC ID vpc-0a3d8b0ac07f85312	

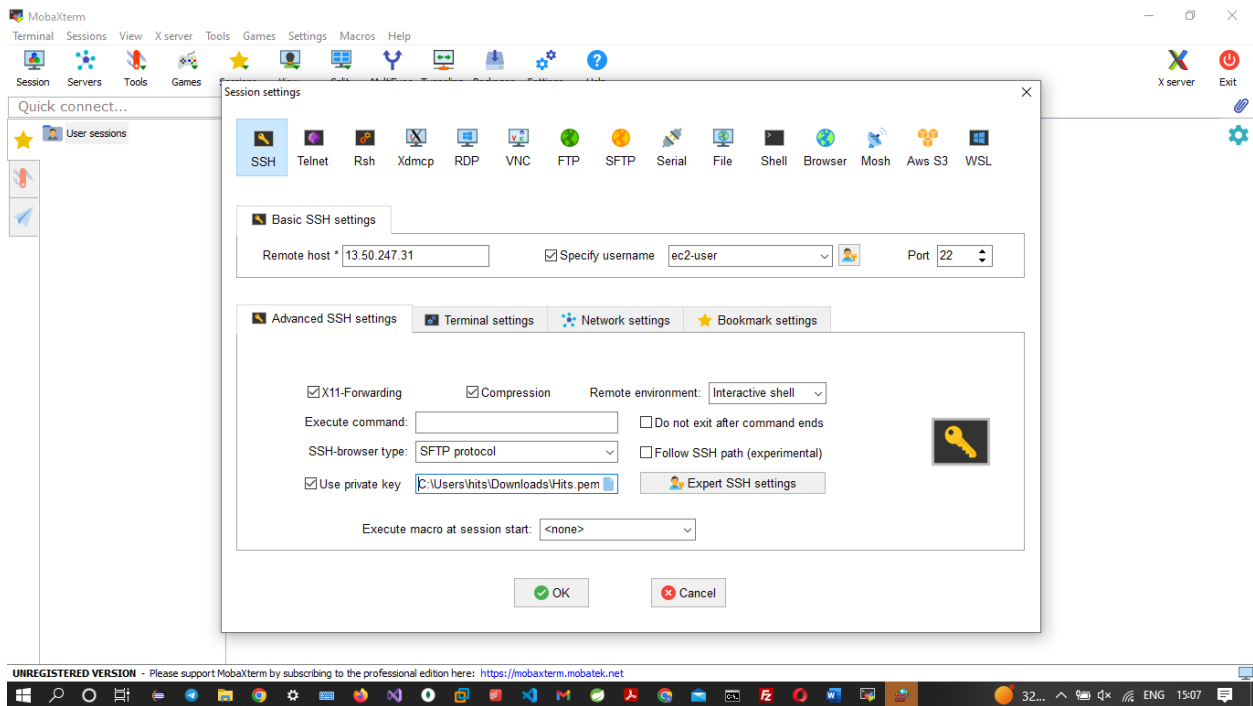
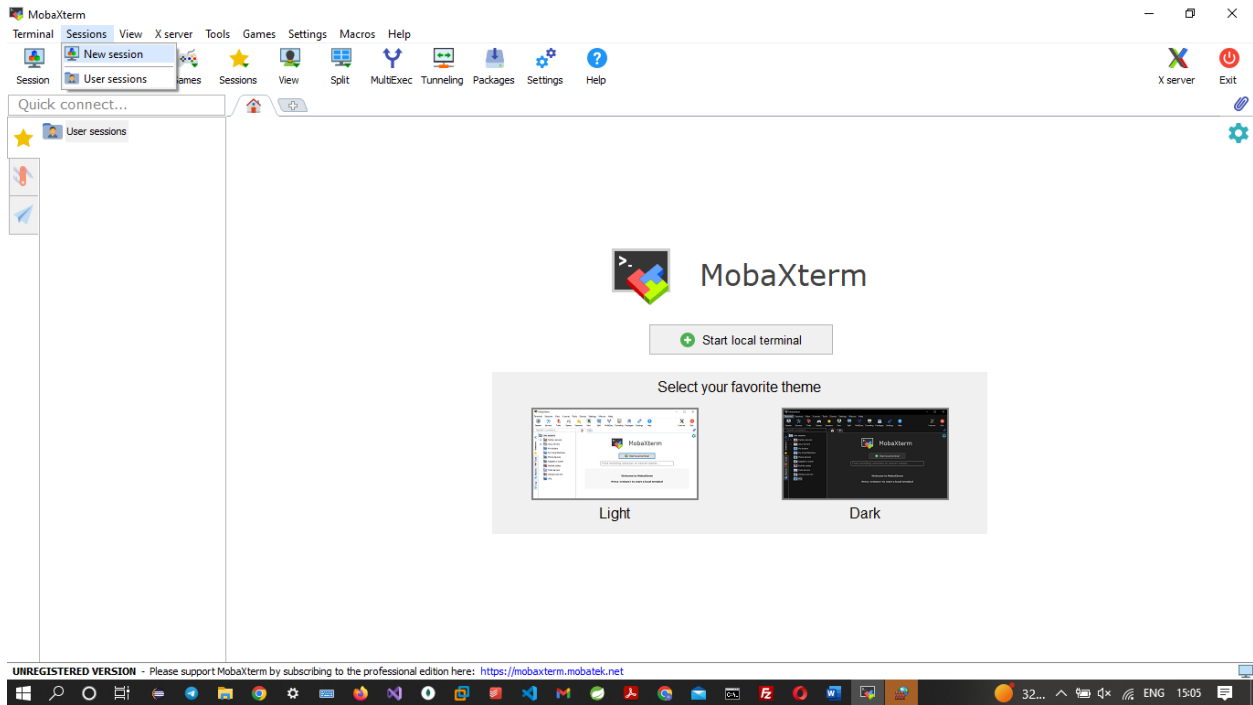
CloudShell Feedback Language

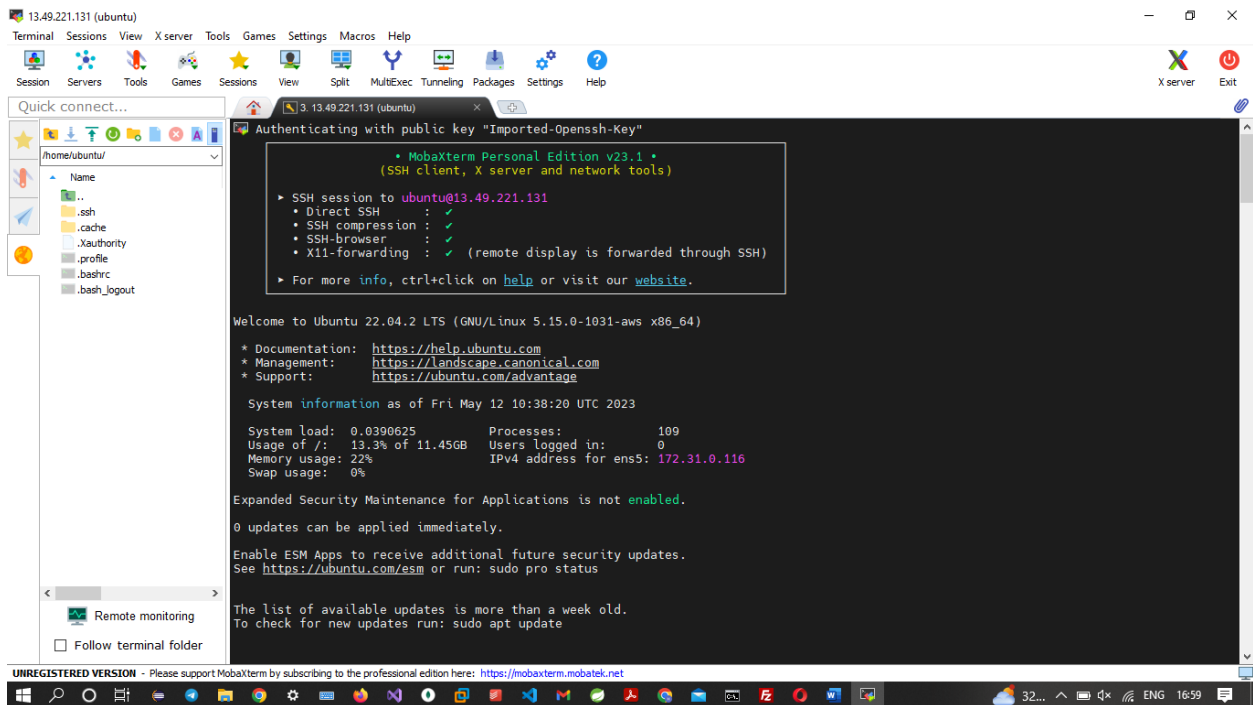
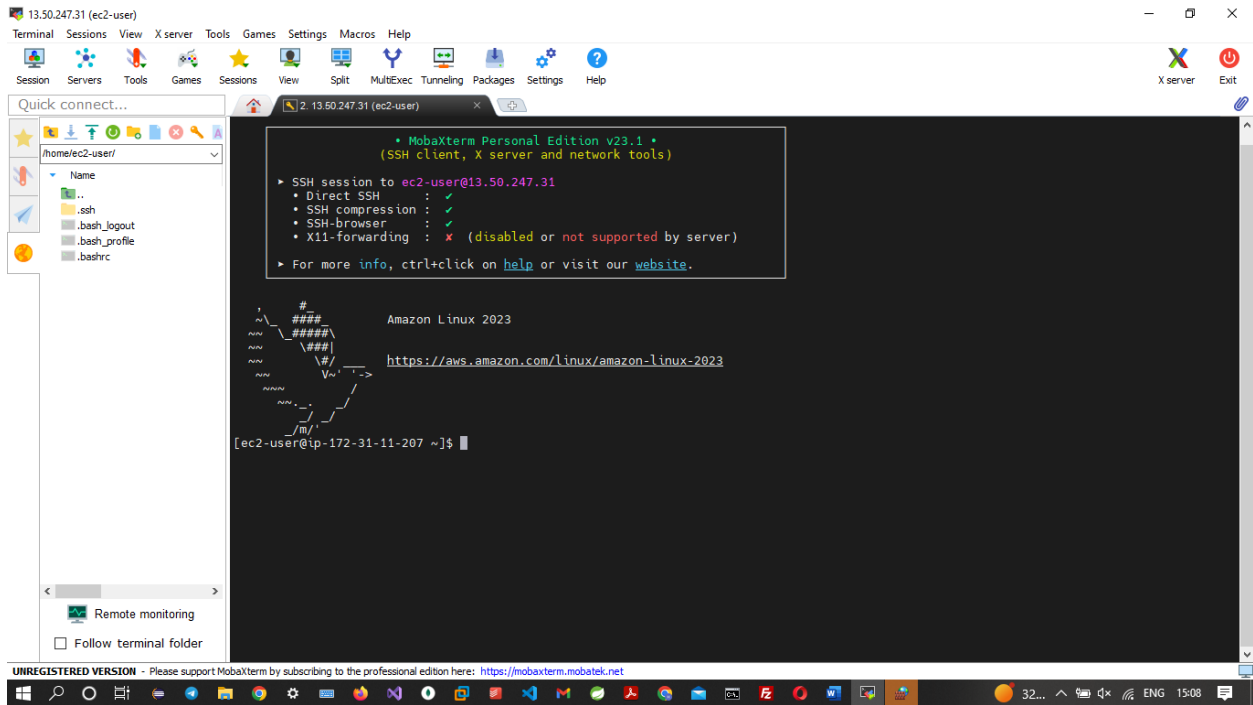
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Hits.pem

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13.49.221.131 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

Quick connect...

ubuntu@ip-172-31-0-116:~\$ mysql -u admin -h database-2.ccxp7tg7lhq.eu-north-1.rds.amazonaws.com -p

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 37

Server version: 8.0.32 Source distribution

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

mysql> show databases

+

Database

+

information\_schema

mysql

performance\_schema

sys

+

4 rows in set (0.00 sec)

mysql> create database database-2;

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 'database-2' at line 1

mysql> create database database2;

Query OK, 1 row affected (0.01 sec)

mysql> use database\_2

Database changed

mysql> CREATE TABLE users (

id INT NOT NULL AUTO INCREMENT PRIMARY KEY,

username VARCHAR(50) NOT NULL

);

Query OK, 0 rows affected (0.03 sec)

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Volumes | EC2 Management Console

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

Services Search [Alt+S]

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Images

AMIs

Volumes (1/1) Info

Create volume

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Create
-	vol-028bdabb49f92f6a9	gp2	12 GiB	100	-	snap-0ec9faaa...	2023/

Volume ID: vol-028bdabb49f92f6a9

Details	Status checks	Monitoring	Tags
Volume ID vol-028bdabb49f92f6a9	Size 12 GiB	Type gp2	Volume status Okay
AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations.   Learn more	Volume state In-use	IOPS 100	Throughput -

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