

# EC2 Instances

The screenshot displays the AWS Management Console for the 'Instances' page in the 'us-east-1' region. The left sidebar shows the navigation menu with categories like 'Instances', 'Images', 'Elastic Block Store', 'Network & Security', 'Load Balancing', and 'Auto Scaling'. The main content area shows a list of instances, with one instance 'lcchua-temp-user-ec2' (ID: i-03f844325986491f2) in the 'Running' state. Below the list, the 'Details' tab for this instance is expanded, showing various attributes:

- Instance summary:** Instance ID: i-03f844325986491f2 (lcchua-temp-user-ec2), Instance state: Running, Instance type: t2.micro.
- Public IPv4 address:** 23.21.14.13 | [open address](#)
- Private IPv4 addresses:** 10.0.2.208
- Public IPv4 DNS:** ec2-23-21-14-13.compute-1.amazonaws.com | [open address](#)
- Elastic IP addresses:** 23.21.14.13 (lcchua-temp-user-elip) [Public IP]
- AWS Compute Optimizer finding:** User: arn:aws:iam::255945442255:user/lcchua-temp-user is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: \* because no identity-based

Instance details | EC2 | us-east-1

https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#InstanceDetails:instanceId=i-03f844325986491f2

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Instances

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Elastic Block Store

VolumesSnapshotsLifecycle Manager

Network & Security

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Load Balancing

Load BalancersTarget GroupsTrust Stores New

Auto Scaling

Auto Scaling Groups

EC2 > Instances > i-03f844325986491f2

Instance summary for i-03f844325986491f2 (lcchua-temp-user-ec2) Info

ConnectInstance stateActions

Updated 2 minutes ago

Instance ID

i-03f844325986491f2 (lcchua-temp-user-ec2)

Public IPv4 address

23.21.14.13 | [open address](#)

Private IPv4 addresses

10.0.2.208

IPv6 address

—

Instance state

Running

Public IPv4 DNS

ec2-23-21-14-13.compute-1.amazonaws.com | [open address](#)

Hostname type

IP name: ip-10-0-2-208.ec2.internal

Private IP DNS name (IPv4 only)

ip-10-0-2-208.ec2.internal

Elastic IP addresses

23.21.14.13 (lcchua-temp-user-eip) [Public IP]

Answer private resource DNS name

—

Instance type

t2.micro

AWS Compute Optimizer finding

User: arn:aws:iam::255945442255:user/lcchua-temp-user is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: \* because no id entity-based policy allows the compute-optimizer:GetEnrollmentStatus action  
[Retry](#)

Auto-assigned IP address

—

VPC ID

vpc-09d1fd4d54dab1303 (lcchua-temp-user-vpc-vpc) | [open address](#)

AWS Compute Optimizer finding

User: arn:aws:iam::255945442255:user/lcchua-temp-user is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: \* because no id entity-based policy allows the compute-optimizer:GetEnrollmentStatus action  
[Retry](#)

IAM Role

—

Subnet ID

subnet-02ca72e13e7258eac (lcchua-temp-user-vpc-subnet-public1-us-east-1a) | [open address](#)

Auto Scaling Group name

—

IMDSv2

Required

Instance ARN

arn:aws:ec2:us-east-1:255945442255:instance/i-03f844325986491f2

DetailsStatus and alarmsMonitoringSecurityNetworkingStorageTags

Instance details Info

Platform

Amazon Linux (Inferred)

AMI ID

ami-0ae8f15ae66fe8cda

Monitoring

disabled

Platform details

Linux/UNIX

AMI name

al2023-ami-2023.5.20240805.0-kernel-6.1-x86\_64

Termination protection

Disabled

CloudShellFeedback

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```

NTU_CE7 — ssh -i lcchua-temp-user-08082024.pem ec2-user@ec2-23-21-14-13.compute-1.amazonaws.com — 100x30
Last login: Thu Aug  8 09:08:50 on ttys000

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
<<laich@LC-MCAIR:~[51]>>$ cd NTU_CE7
<<laich@LC-MCAIR:NTU_CE7[52]>>$ ls -l *.pem
-rw-r--r--@ 1 laich  staff  1678 Aug  8 09:48 lcchua-temp-user-08082024.pem
-r-----@ 1 laich  staff   387 Jul 20 10:52 lcchua-useast1-20072024.pem
<<laich@LC-MCAIR:NTU_CE7[53]>>$ chmod 400 lcchua-temp-user-08082024.pem
<<laich@LC-MCAIR:NTU_CE7[54]>>$ ssh -i "lcchua-temp-user-08082024.pem" ec2-user@ec2-23-21-14-13.compute-1.amazonaws.com

#_
~\  #####_      Amazon Linux 2023
~~ \_#####\
~~  \###|
~~   \#/  ---  https://aws.amazon.com/linux/amazon-linux-2023
~~      V~'  '--->
~~~
~~~.  _  _/
~~~/_/_/_/
~~~/_/m/'

Last login: Thu Aug  8 02:08:01 2024 from 18.206.107.28
[ec2-user@ip-10-0-2-208 ~]$ hostname
ip-10-0-2-208.ec2.internal
[ec2-user@ip-10-0-2-208 ~]$

```

Instances | EC2 | us-east-1

https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#instances:search=:lcchua;v=3,\$case=tags:true%5C,client:fals...

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Instances

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Elastic IPs

Placement Groups

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Network Interfaces

Load Balancing

Load Balancers

Target Groups

Trust Stores

Auto Scaling

Auto Scaling Groups

Instances (1/1)

Find Instance by attribute or tag (case-sensitive)

lcchua

Clear filters

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input checked="" type="checkbox"/>	lcchua-temp-user-ec2	i-03f844325986491f2	Terminated	t2.micro	-	View alarms	us-east-1a

i-03f844325986491f2 (lcchua-temp-user-ec2)

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

Instance summary

Instance ID

i-03f844325986491f2 (lcchua-temp-user-ec2)

IPv6 address

-

Hostname type

-

Answer private resource DNS name

-

Auto-assigned IP address

-

Public IPv4 address

-

Instance state

Terminated

Instance type

t2.micro

VPC ID

-

Private IPv4 addresses

-

Public IPv4 DNS

-

Elastic IP addresses

23.21.14.13 (lcchua-temp-user-elip) [Public IP]

AWS Compute Optimizer finding

User: arn:aws:iam::255945442255:user/lcchua-temp-user is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: \* because no identity-based policy allows the compute-optimizer:GetEnrollmentStat

CloudShell

Feedback

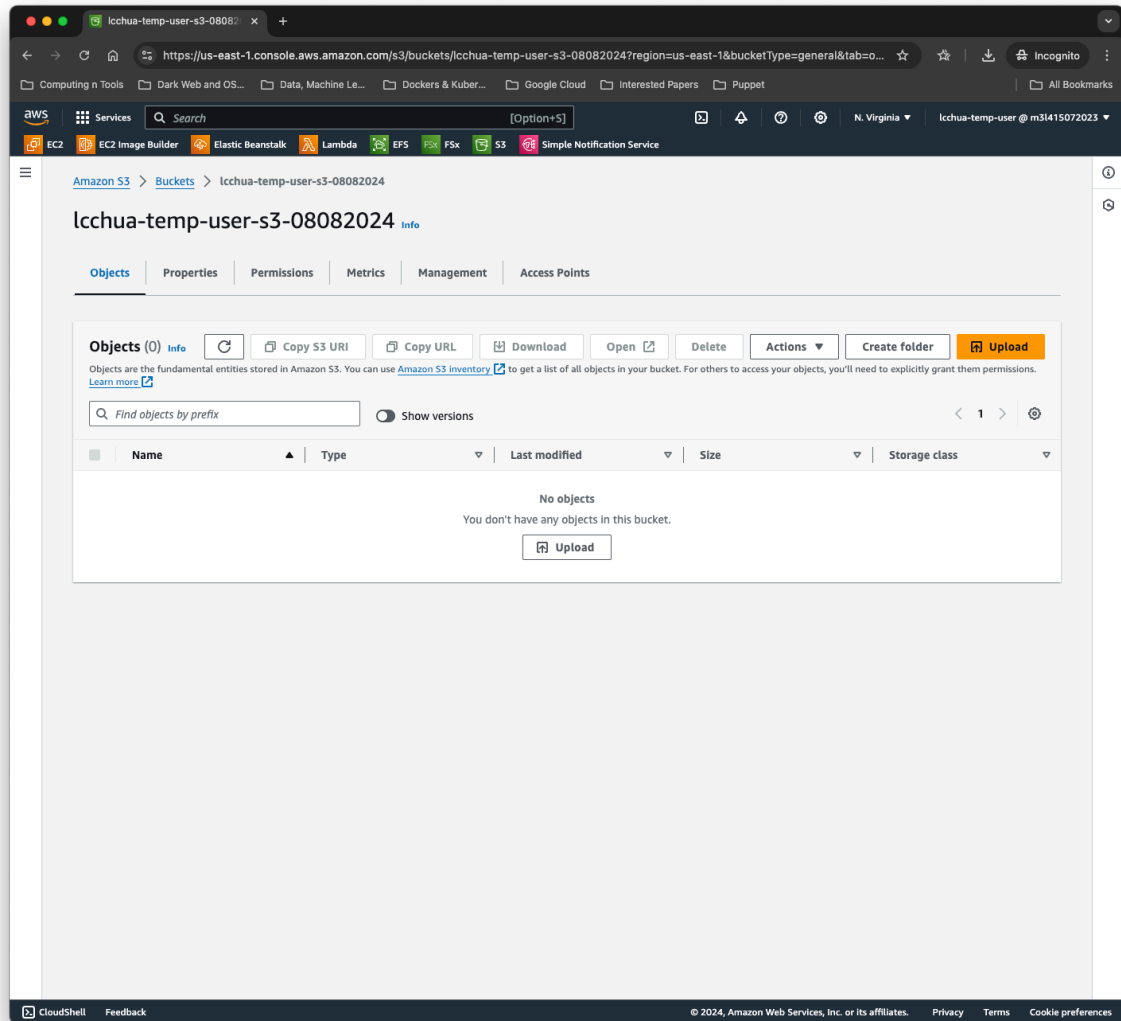
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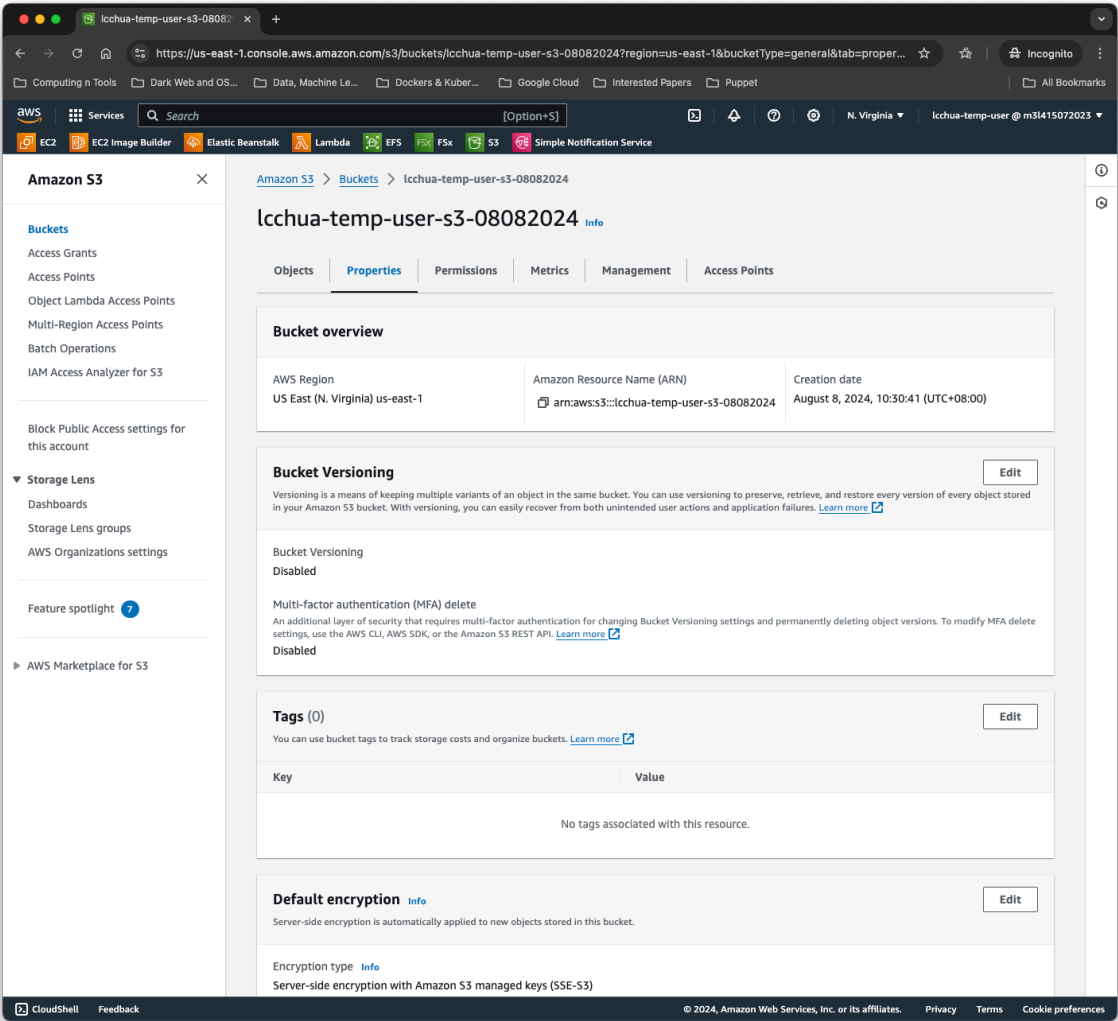
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# S3 Buckets





Upload objects - S3 bucket

https://us-east-1.console.aws.amazon.com/s3/upload/lcchua-temp-user-s3-08082024?region=us-east-1&bucketType=general

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N. Virginialcchua-temp-user @ m3l415072023

Upload failedView details below.

Diagnose with Amazon Q

Upload: status

Close

The information below will no longer be available after you navigate away from this page.

Summary

Destination

s3://lcchua-temp-user-s3-08082024

Succeeded

0 files, 0 B (0%)

Failed

1 file, 328.0 B (100.00%)

Files and folders

Configuration

Files and folders (1 Total, 328.0 B)

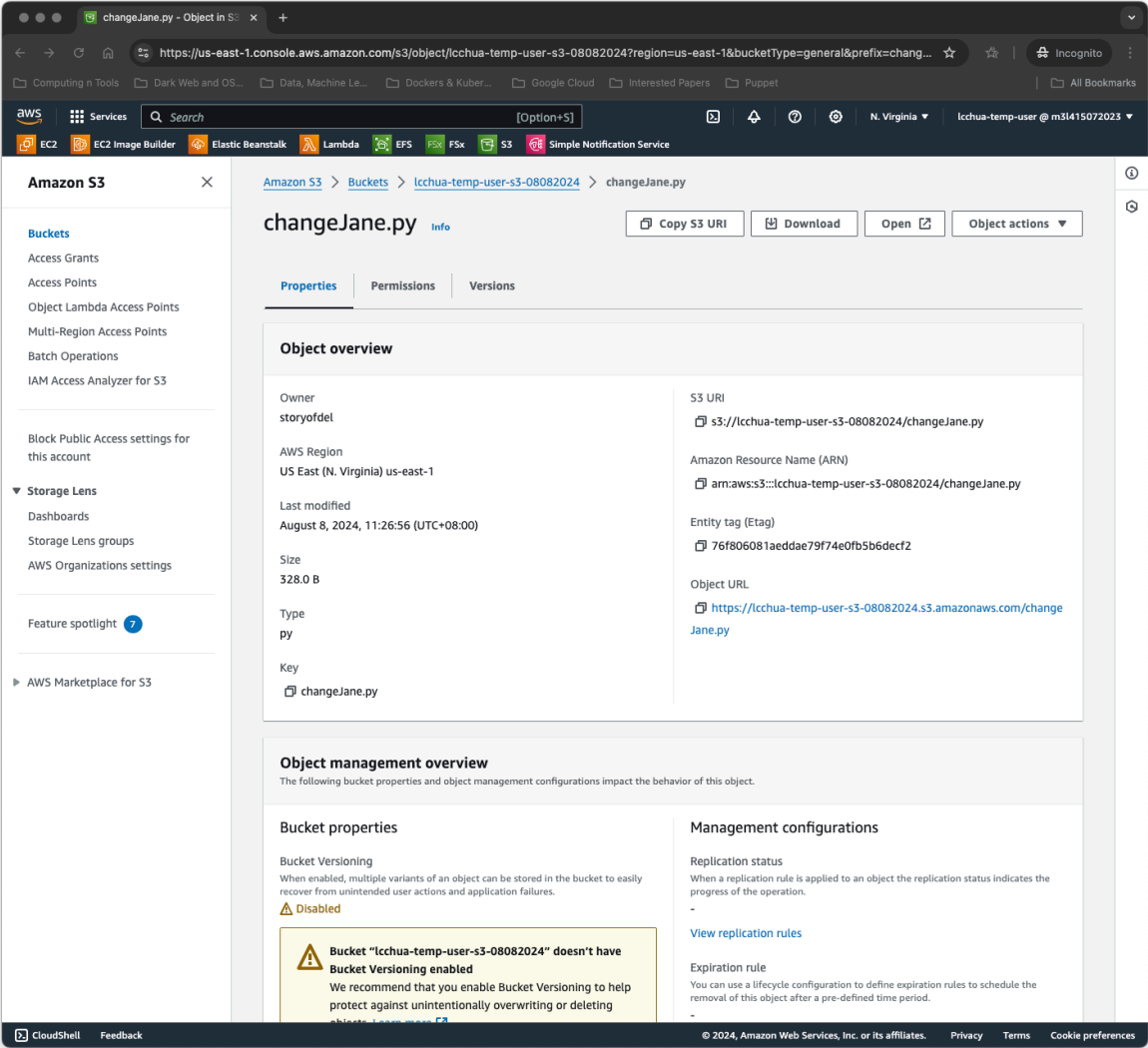
Find by name

< 1 >

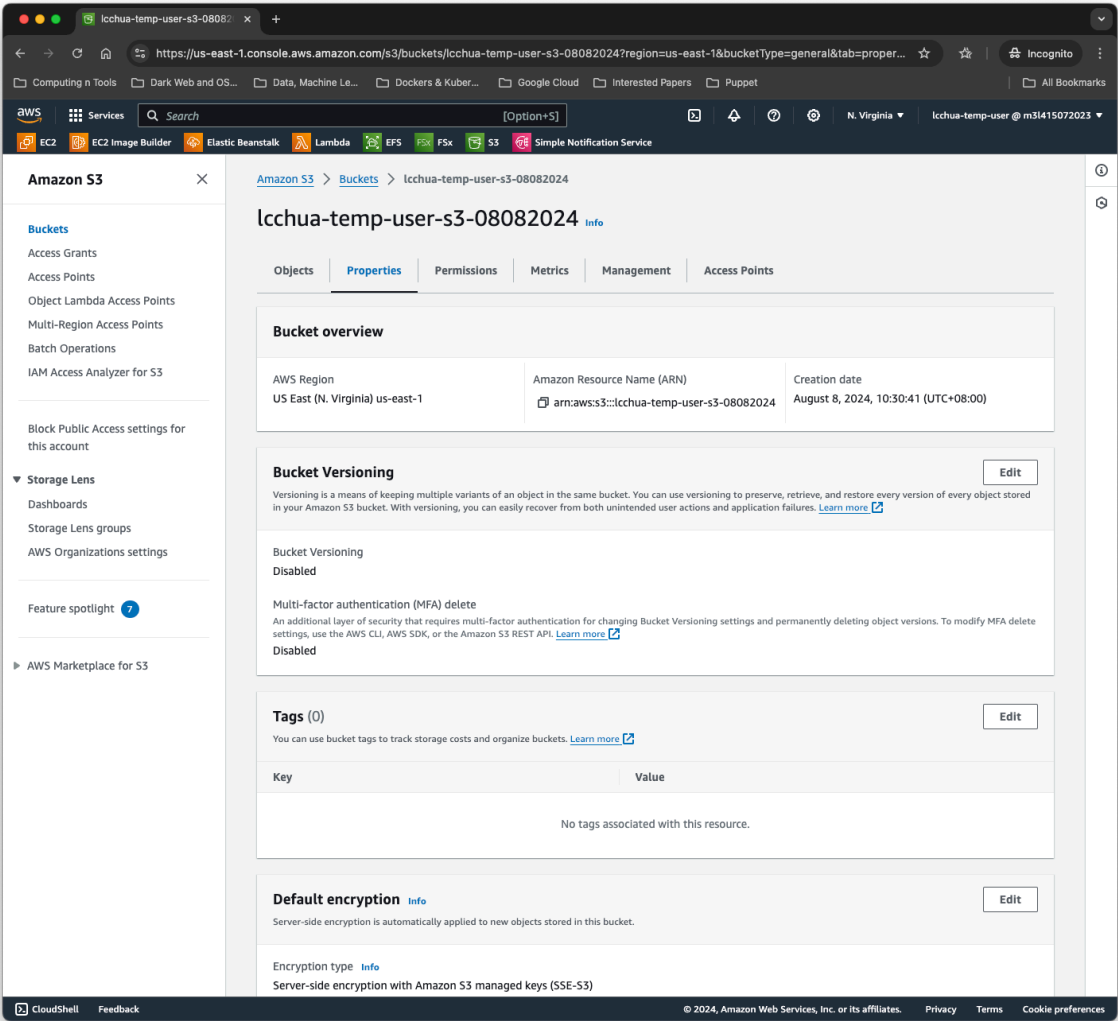
Name	Folder	Type	Size	Status	Error
changeJane....	-	text/x-pyth...	328.0 B	Failed	Access Denied

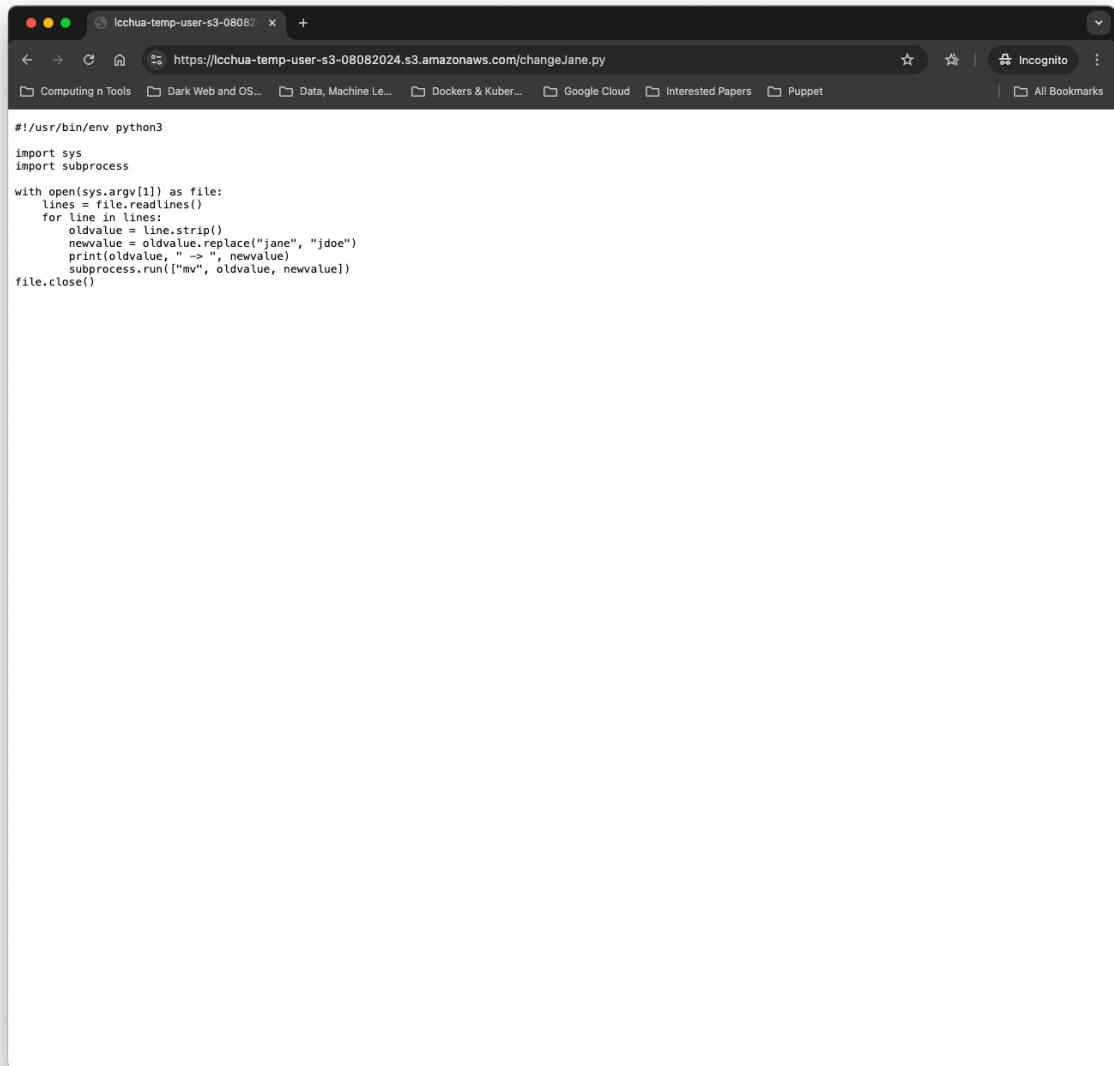
CloudShellFeedback

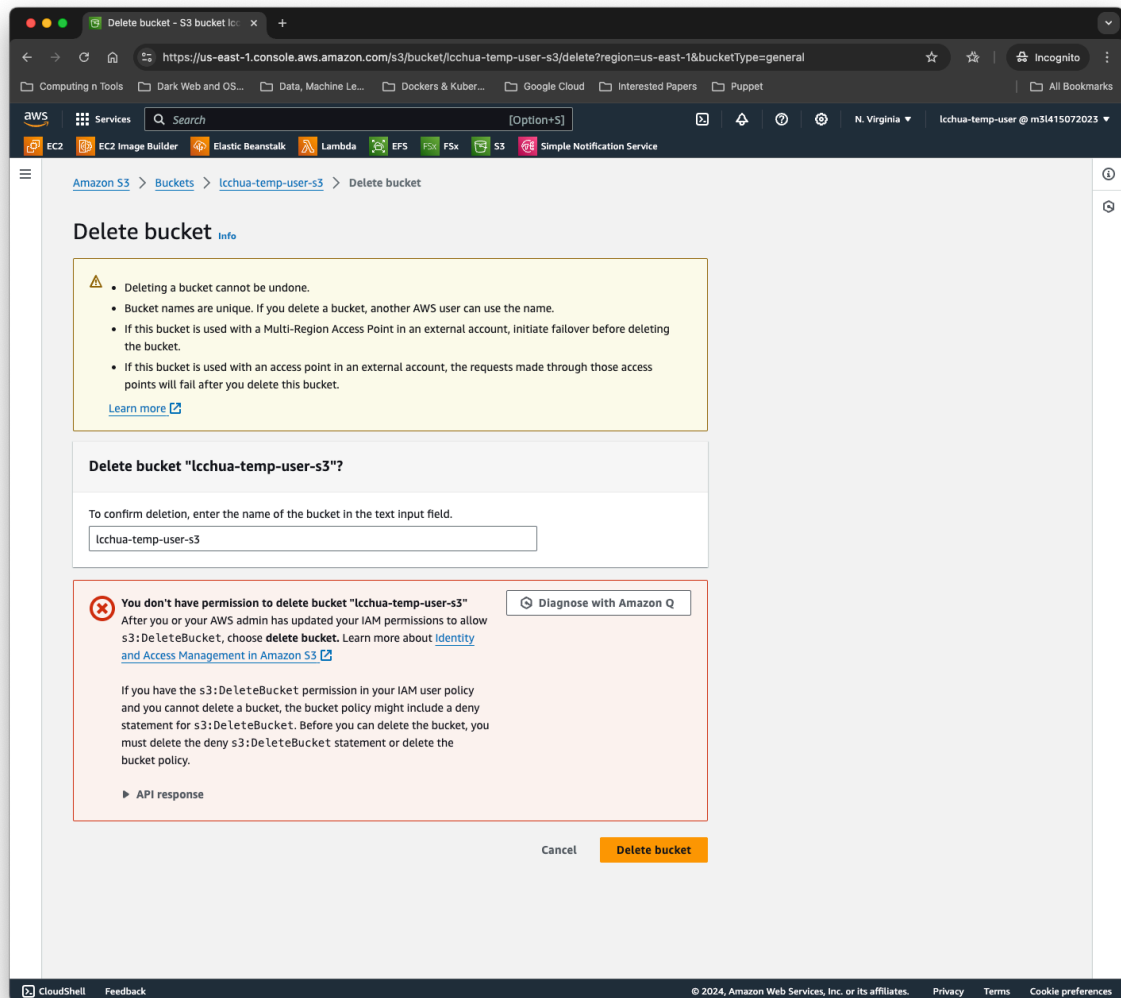
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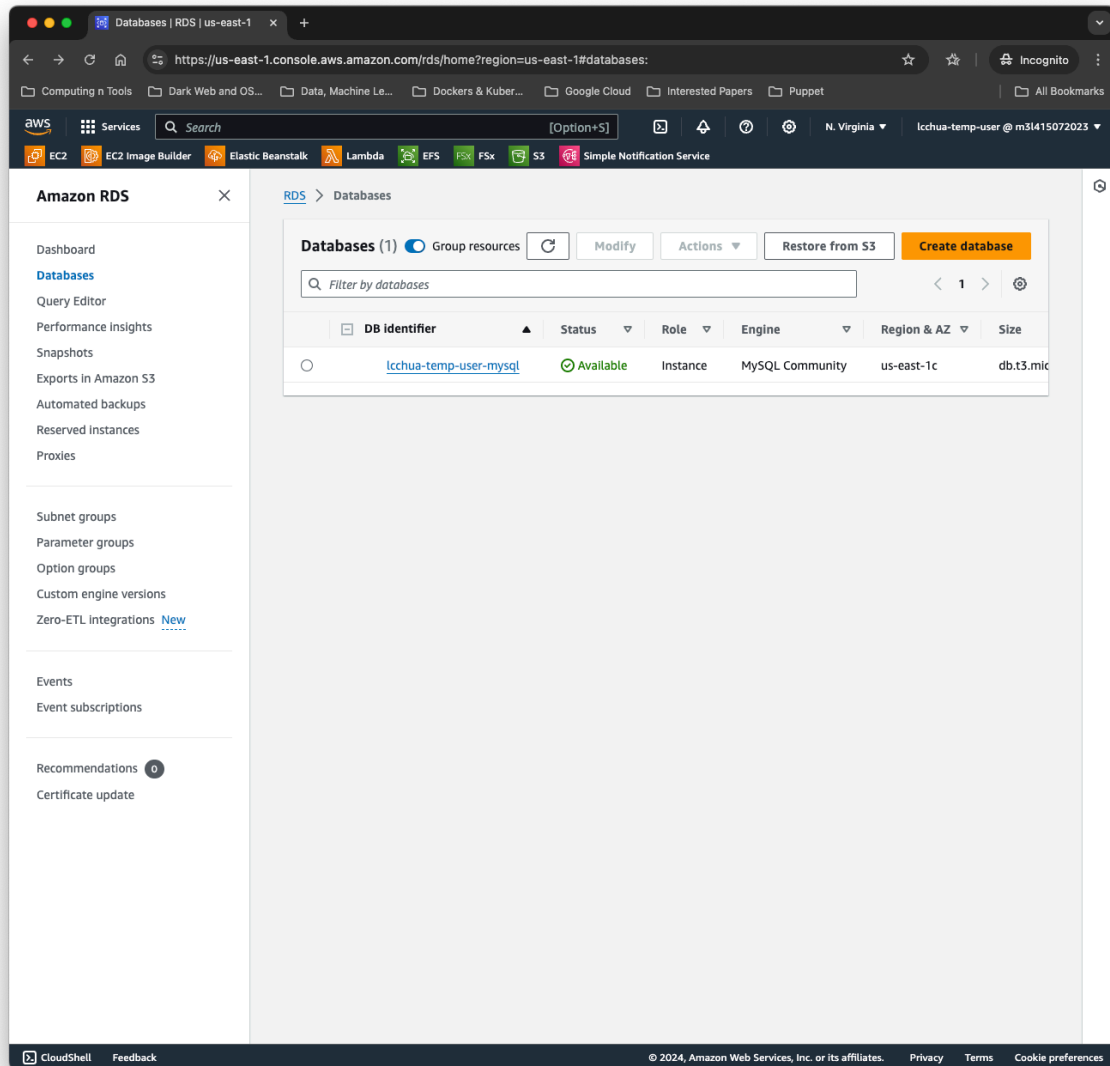








# RDS MySQL



RDS | us-east-1

https://us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#database:id=lcchua-temp-user-mysql;is-cluster=false

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lcchua-temp-user @ m3i415072023

Amazon RDS

Dashboard

Databases

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Performance insights

Snapshots

Exports in Amazon S3

Automated backups

Reserved instances

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Certificate update

RDS

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lcchua-temp-user-mysql

lcchua-temp-user-mysql

Modify

Actions

Summary

DB identifier

lcchua-temp-user-mysql

Status

Available

Role

Instance

Engine

MySQL Community

Recommendations

CPU

2.91%

Class

db.t3.micro

Current activity

0

Region & AZ

us-east-1c

Connections

Connectivity & security

Monitoring

Logs & events

Configuration

Zero-ETL integrations

Maintenance & backup

Connectivity & security

Endpoint & port

Endpoint

lcchua-temp-user-mysql.chh  
eppac9ozc.us-east-1.rds.amazonaws.com

Port

3306

Networking

Availability Zone

us-east-1c

VPC

vpc-0da610207734312bc

Subnet group

default

Subnets

subnet-0d0f6622b6470927a  
subnet-03c8556c6c0b21e68  
subnet-08e01be4cf50373b0  
subnet-006d5c1ee132a3579  
subnet-0a3e6f70e873d18a2  
subnet-0672fa1ac5f7d5901

Network type

IPv4

Security

VPC security groups

default (sg-06d3021b1e905942c)  
Active

Publicly accessible

No

Certificate authority

rds-ca-rsa2048-g1

Certificate authority date

May 26, 2061, 07:34 (UTC+08:00)

DB instance certificate expiration date

August 08, 2025, 12:16 (UTC+08:00)

CloudShell

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RDS | us-east-1

https://us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#launch-dbinstance:

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EC2

EC2 Image Builder

Elastic Beanstalk

Lambda

EFS

FSx

S3

Simple Notification Service

Configuration

Value

Editable after database is created

Encryption	Enabled	No
VPC	Default VPC (vpc-0da610207734312bc)	No
Option group	default:mysql-8-0	Yes
Subnet group	default	Yes
Automatic backups	Enabled	Yes
VPC security group	default	Yes
Publicly accessible	No	Yes
Database port	3306	Yes
DB instance identifier	lcchua-temp-user-mysql	Yes
DB engine version	8.0.35	Yes
DB parameter group	default:mysql8.0	Yes
Performance insights	Enabled	Yes
Monitoring	Enabled	Yes
Maintenance	Auto minor version upgrade enabled	Yes
Delete protection	Not enabled	Yes

Your request to create DB instance lcchua-temp-user-mysql didn't work.

User: arn:aws:iam::255945442255:user/lcchua-temp-user is not authorized to perform: rds:CreateDBInstance on resource: arn:aws:rds:us-east-1:255945442255:db:lcchua-temp-user-mysql because no identity-based policy allows the rds:CreateDBInstance action

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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.

- 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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