



School of Computer Science and Engineering

M.Tech (Integrated) Fall Semester 2024-25

CSI3001 - Cloud Computing Methodologies

Assignment – 2

SLOT: B1+TB1 / B2+TB2

Due Date: 04/09/2024

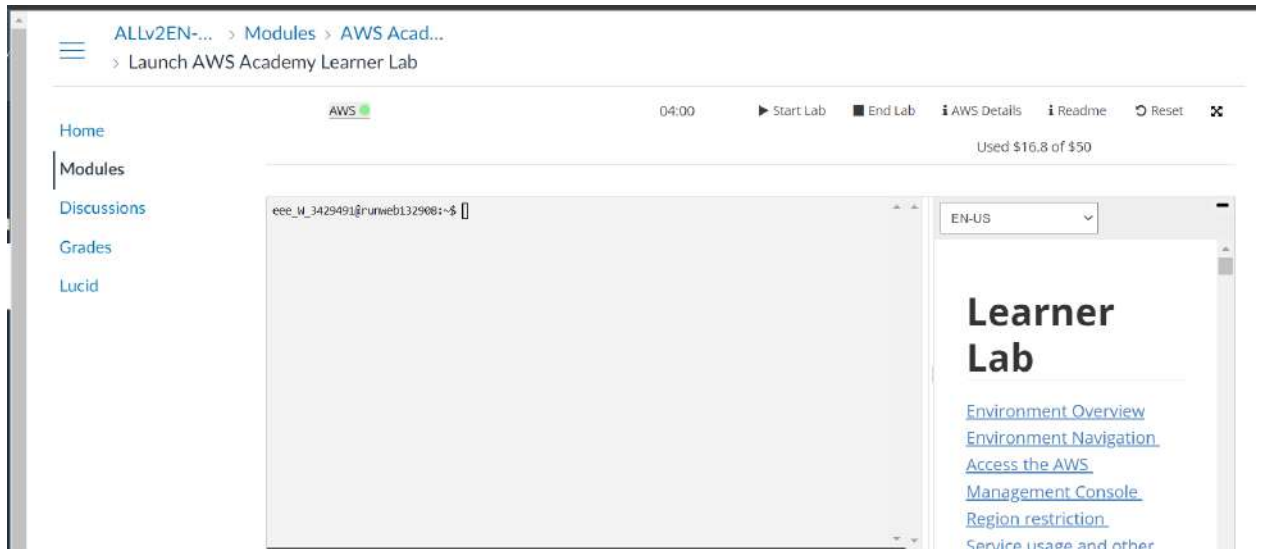
Vijay Pavan A - 22MIC0130

Q. No	Questions
1.	Create a instance in aws. Install MYSQL server on ubuntu OS which is running on instance. Create a relation student with attributes like reg_no, name, dept, course, college and perform CRUD operation in the student relation.
2.	EC2 AWS – S3 bucket based static webpages. i. Upload image in the container ii. Upload text file in the container and modify the content in the text
3.	EC2 AWS – Web application using Beanstalk

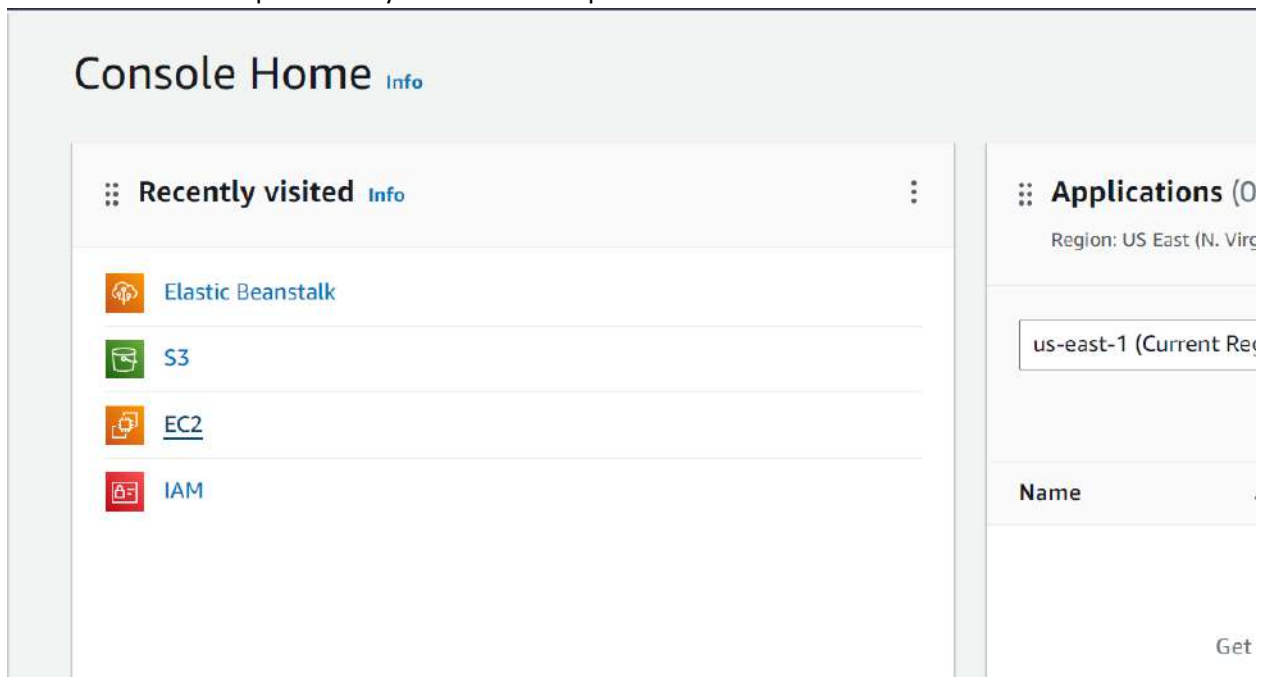
Faculty Incharge

Dr. S. U. Muthunagai

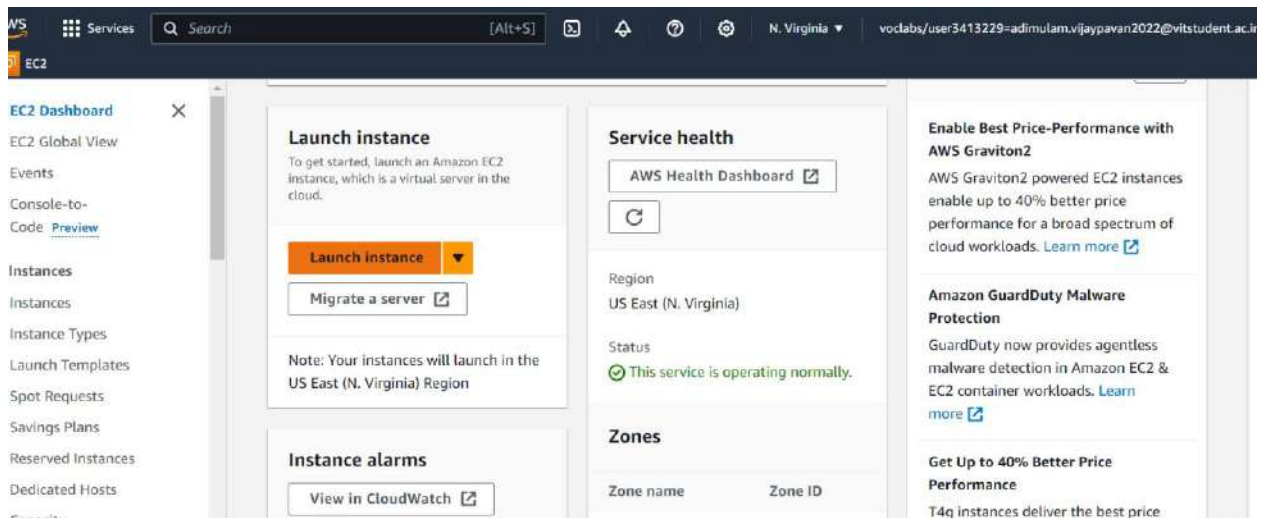
- 1) 1. Click on AWS to get Console Home page as like below



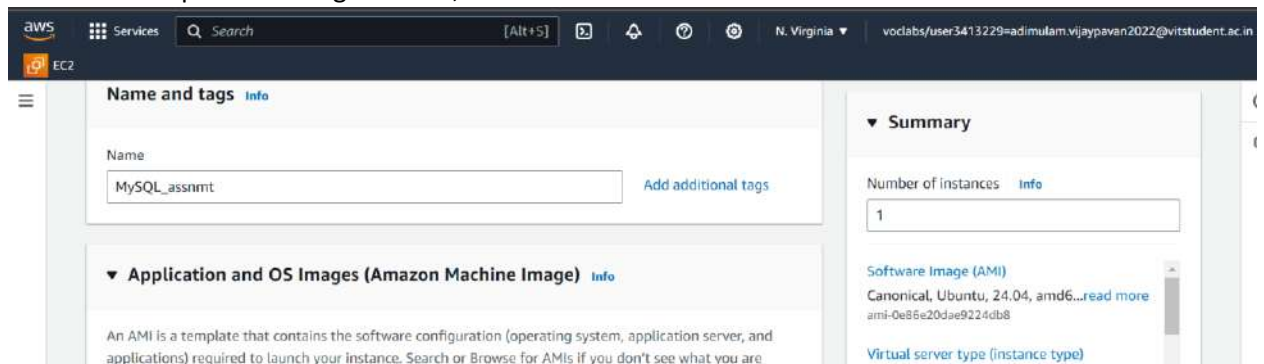
2. Select EC2 service provided by aws for further process.



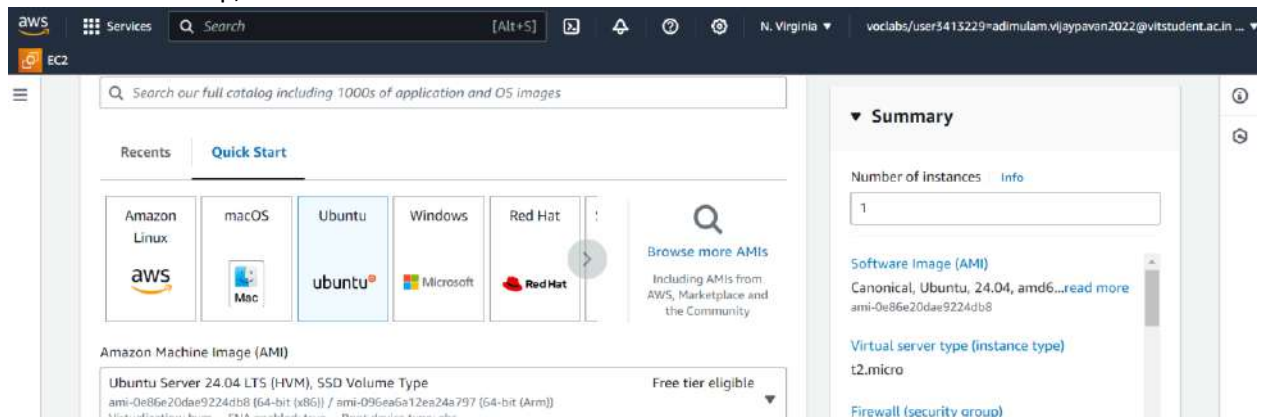
3. Create the instance by clicking on the Launch instance provided by aws



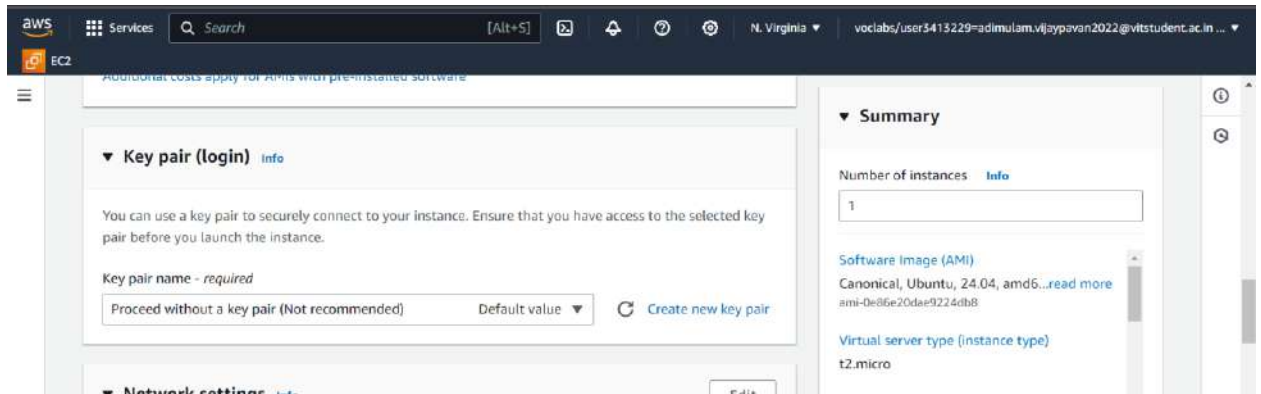
4. As a first step in launching instance, name the instance.



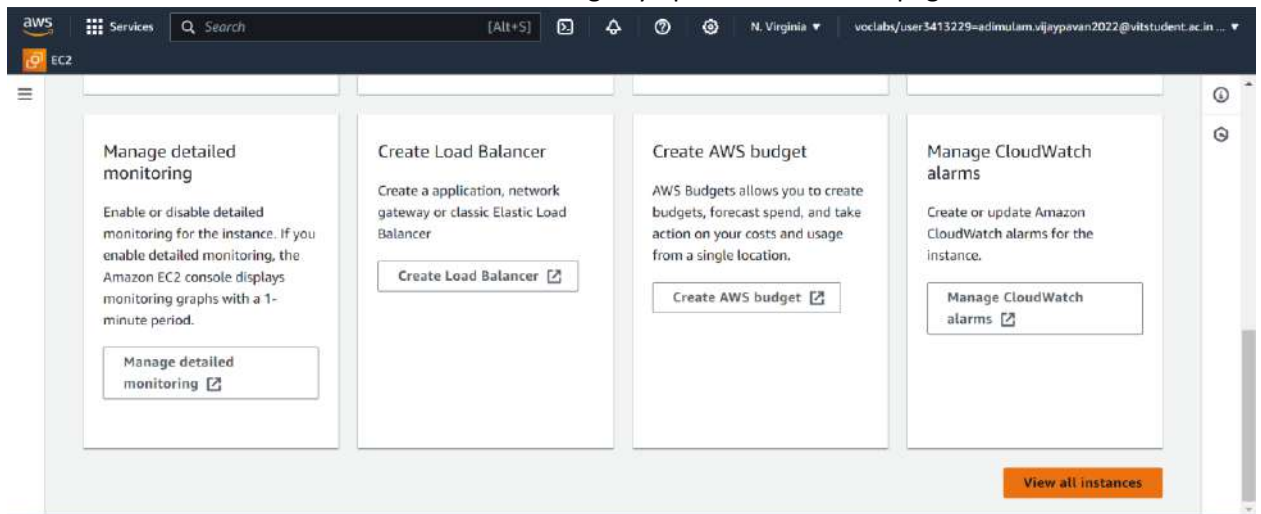
5. As a second step, choose Ubuntu server as OS



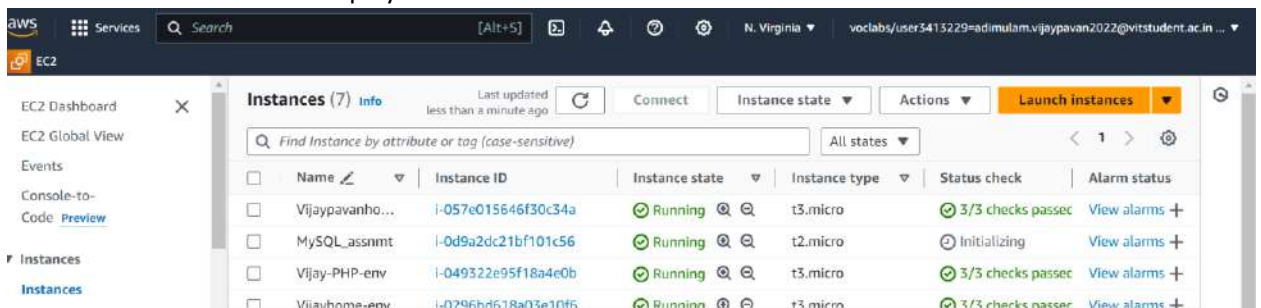
6. Choose proceed without a keypair option in key pair login as third step and launch instance.



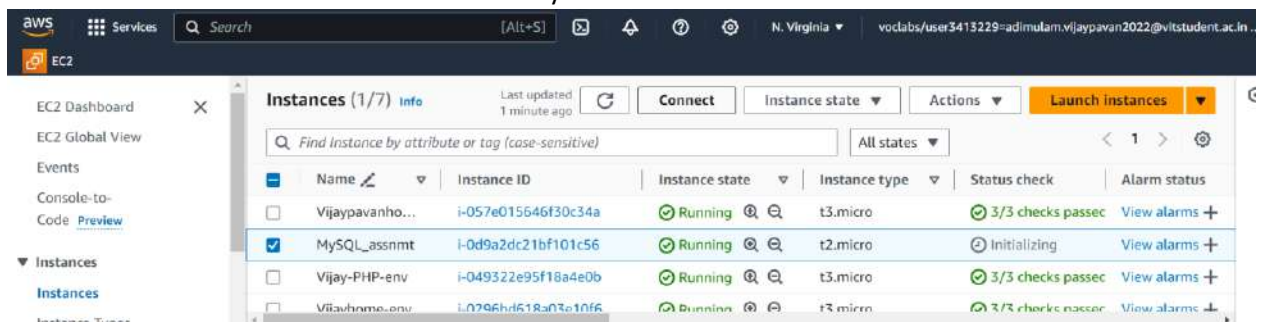
7. Next click on view all instance without selecting any options on instance page



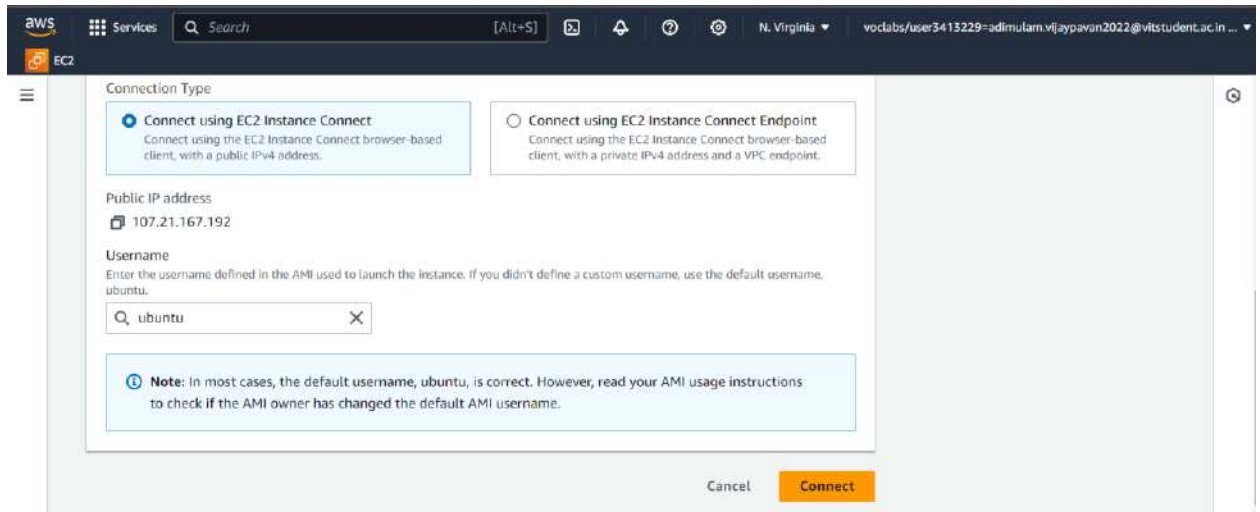
8. Instance is created and displayed as below



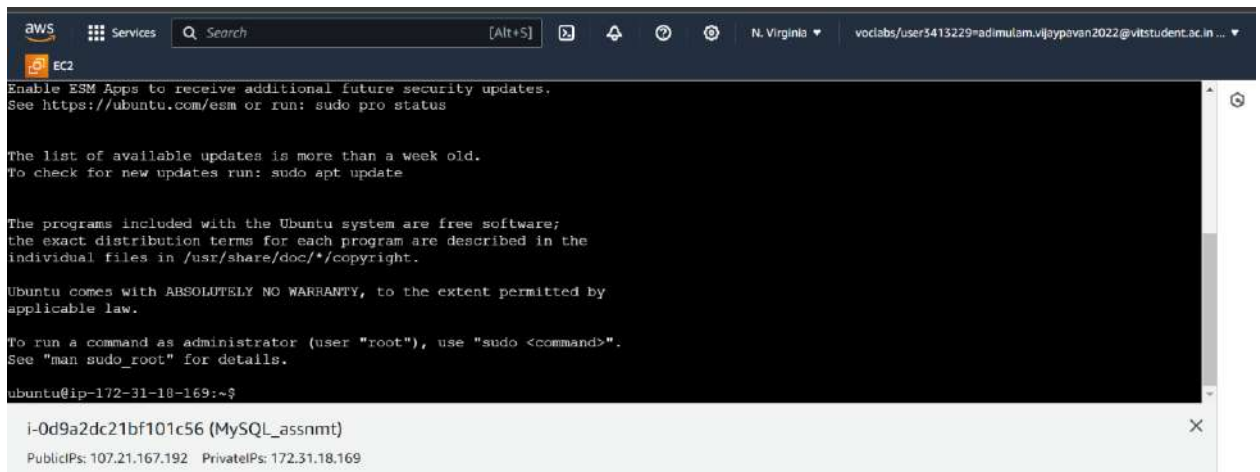
9. Select the instance which is created recently and click on connect



10. Click on connect option as shown below



11. On successful completion of instance creation at aws, the console window will be prompted as like below



12. Enter the command `sudo apt update` for updating of the system on instance which is created.


```
aws Services Search [Alt+S] N. Virginia voclabs/user3413229=adimulam.vijaypavan2022@vitsstudent.ac.in ...

EC2

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-18-169:~$ sudo apt update
i-0d9a2dc21bf101c56 (MySQL_assnmt)

Get:37 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [3608 B]
Get:38 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [212 B]
Get:39 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [532 B]
Get:40 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
Get:41 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [112 B]
Get:42 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [10.3 kB]
Get:43 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [10.5 kB]
Get:44 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [17.6 kB]
Get:45 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1012 B]
Get:46 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:47 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 c-n-f Metadata [116 B]
Get:48 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:49 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
Fetched 28.7 MB in 6s (5038 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
106 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-18-169:~$

i-0d9a2dc21bf101c56 (MySQL_assnmt)
PublicIPs: 107.21.167.192 PrivateIPs: 172.31.18.169
```

13. Enter the command `sudo apt install MySQL-server` for installing MySQL server

```
aws Services Search [Alt+S] N. Virginia voclabs/user3413229=adimulam.vijaypavan2022@vitsstudent.ac.in ...

EC2

ubuntu@ip-172-31-18-169:~$ sudo apt install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libbcbi-fast-perl libbcbi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7t64 libfcgi-bin libfcgi-perl libfcgi0t64
  libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl
  liblwp-mediatypes-perl libmecab2 libprotobuf-lite32t64 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils
  mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server-8.0 mysql-server-core-8.0
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libio-compress-brotli-perl libbusiness-isbn-perl libregexp-ipv6-perl libwww-perl mailx tinycore
The following NEW packages will be installed:
  libbcbi-fast-perl libbcbi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7t64 libfcgi-bin libfcgi-perl libfcgi0t64
  libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl
  liblwp-mediatypes-perl libmecab2 libprotobuf-lite32t64 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils
  mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server mysql-server-8.0 mysql-server-core-8.0
0 upgraded, 28 newly installed, 0 to remove and 106 not upgraded.
Need to get 29.6 MB of archives.
After this operation, 242 MB of additional disk space will be used.
i-0d9a2dc21bf101c56 (MySQL_assnmt)
PublicIPs: 107.21.167.192 PrivateIPs: 172.31.18.169
```

14. Enter the command `sudo systemctl status mysql` to check the status

```
aws Services Search [Alt+S] N. Virginia voclabs/user3413229=adimulam.vijaypavan2022@vitstudent.ac.in ...

EC2

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-18-169:~$ sudo systemctl status mysql
● mysql.service - MySQL Community Server
   Loaded: loaded (/usr/lib/systemd/system/mysql.service; enabled; preset: enabled)
   Active: active (running) since Wed 2024-08-04 13:39:25 UTC; 21s ago
     Process: 2529 ExecStartPre=/usr/share/mysql/mysql-systemd-start pre (code=exited, status=0/SUCCESS)
    Main PID: 2538 (mysqld)
      Status: "Server is operational"
        Tasks: 38 (limit: 1130)
      Memory: 352.8M (peak: 373.2M)
         CPU: 944ms
    CGroup: /system.slice/mysql.service
            └─2538 /usr/sbin/mysqld

Sep 04 13:39:24 ip-172-31-18-169 systemd[1]: Starting mysql.service - MySQL Community Server...
Sep 04 13:39:25 ip-172-31-18-169 systemd[1]: Started mysql.service - MySQL Community Server.
ubuntu@ip-172-31-18-169:~$

i-0d9a2dc21bf101c56 (MySQL_assnmt)
PublicIPs: 107.21.167.192 PrivateIPs: 172.31.18.169
```

15. Enter the command `sudo mysql` to open mysql

```
Sep 04 13:39:24 ip-172-31-18-169 systemd[1]: Starting mysql.service - MySQL Community Server...
Sep 04 13:39:25 ip-172-31-18-169 systemd[1]: Started mysql.service - MySQL Community Server.
ubuntu@ip-172-31-18-169:~$ sudo mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.39-0ubuntu0.24.04.2 (Ubuntu)

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>

i-0d9a2dc21bf101c56 (MySQL_assnmt)
PublicIPs: 107.21.167.192 PrivateIPs: 172.31.18.169
```

16. Create the student Table

```
aws Services Search [Alt+S] N. Virginia voclabs/user3413229=adimulam.vijaypavan2022@vitstudent.ac.in ...

EC2

-> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right s
yntax to use near '' at line 1
mysql> CREATE TABLE student ( reg_no INT PRIMARY KEY, name VARCHAR(100), dept VARCHAR(50), couse VARCHAR(50), college VARCHAR(100));
ERROR 1046 (3D000): No database selected
mysql> CREATE SCHEMA studdb
-> ;
Query OK, 1 row affected (0.04 sec)

mysql> CREATE TABLE student ( reg_no INT PRIMARY KEY, name VARCHAR(100), dept VARCHAR(50), couse VARCHAR(50), college VARCHAR(100));
ERROR 1046 (3D000): No database selected
mysql> CREATE TABLE student ( reg_no INT PRIMARY KEY, name VARCHAR(100), dept VARCHAR(50), couse VARCHAR(50), college VARCHAR(100))CREAT
E TABLE student ( reg_no INT PRIMARY KEY, name VARCHAR(100), dept VARCHAR(50), couse VARCHAR(50), college VARCHAR(100))CREATE TABLE stud
ent ( reg_no INT PRIMARY KEY, name VARCHAR(100), dept VARCHAR(50), couse VARCHAR(50), college VARCHAR(100))CREATE TABLE student ( reg_no
INT PRIMARY KEY, name VARCHAR(100), dept VARCHAR(50), couse VARCHAR(50), college VARCHAR(100))
mysql> CREATE TABLE student ( reg_no INT PRIMARY KEY, name VARCHAR(100), dept VARCHAR(50), couse VARCHAR(50), college VARCHAR(100));
ERROR 1046 (3D000): No database selected
mysql> CREATE DATABASE stud_db;
Query OK, 1 row affected (0.02 sec)

mysql> USE stud_db;
Database changed
mysql> CREATE TABLE student ( reg_no INT PRIMARY KEY, name VARCHAR(100), dept VARCHAR(50), couse VARCHAR(50), college VARCHAR(100));
Query OK, 0 rows affected (0.04 sec)
mysql>
```

17. Insert the Values

```
mysql> INSERT INTO student (reg_no, name, dept, couse, college) VALUES(130, 'Vijay', 'cse', 'ccm', 'VIT');
Query OK, 1 row affected (0.02 sec)

mysql> INSERT INTO student (reg_no, name, dept, couse, college) VALUES(171, 'deepika', 'ece', 'ai', 'IIT');
Query OK, 1 row affected (0.01 sec)
```

18. Read the values

```
mysql> SELECT * FROM student;
+-----+-----+-----+-----+-----+
| reg_no | name    | dept  | couse | college |
+-----+-----+-----+-----+-----+
|      130 | Vijay   | cse   | ccm   | VIT      |
|      171 | deepika | ece   | ai    | IIT      |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

19. Update the table

```
mysql> UPDATE student SET couse = 'python' WHERE reg_no = 171;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> SELECT * FROM student;
+-----+-----+-----+-----+-----+
| reg_no | name    | dept  | couse | college |
+-----+-----+-----+-----+-----+
|      130 | Vijay   | cse   | ccm   | VIT      |
|      171 | deepika | ece   | python | IIT      |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

20. delete one row

```
mysql> DELETE FROM student WHERE reg_no = 171;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> SELECT * FROM student;
+-----+-----+-----+-----+-----+
| reg_no | name    | dept  | couse | college |
+-----+-----+-----+-----+-----+
|      130 | Vijay   | cse   | ccm   | VIT      |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```


2)

The image shows a sequence of three screenshots from the AWS Management Console, illustrating the steps to create a new S3 bucket.

Top Screenshot: Console Home
The top navigation bar shows the AWS logo, a search bar, and the user's profile. The main content area is titled "Console Home" and features two widgets: "Recently visited" (listing EC2, Elastic Beanstalk, and S3) and "Applications (0)" (with a "Create application" button). A "Reset to default layout" button and an "Add widgets" button are also visible.

Middle Screenshot: Amazon S3 Overview
The page is titled "Amazon S3". It features a "Account snapshot - updated every 24 hours" section with a "View Storage Lens dashboard" button. Below this, there are tabs for "General purpose buckets" (selected) and "Directory buckets". The "General purpose buckets (2)" section includes buttons for "Copy ARN", "Empty", "Delete", and a prominent "Create bucket" button. A note states: "Buckets are containers for data stored in S3."

Bottom Screenshot: Create Bucket Wizard
This screen shows the configuration for a new bucket. The "AWS Region" is set to "US East (N. Virginia) us-east-1". Under "Bucket type", the "General purpose" option is selected, with a description: "Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones." The "Directory" option is also visible. The "Bucket name" field contains "myassnmtbucket", with a note: "Bucket name must be unique within the global namespace and follow the bucket naming rules. See rules for bucket naming." Below this, there is a section for "Copy settings from existing bucket - optional" with a "Choose bucket" button. The format "s3://bucket/prefix" is shown at the bottom.



Object Ownership Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

- ☒ **ACLs disabled (recommended)**
All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

- ☐ **ACLs enabled**
Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Object Ownership
Bucket owner enforced

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure



Turning off block all public access might result in this bucket and the objects within becoming public

AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

- ☒ I acknowledge that the current settings might result in this bucket and the objects within becoming public.

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning

- ☐ Disable
☒ Enable



Encryption type Info

- ☒ **Server-side encryption with Amazon S3 managed keys (SSE-S3)**
☐ Server-side encryption with AWS Key Management Service keys (SSE-KMS)
☐ **Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)**
Secure your objects with two separate layers of encryption. For details on pricing, see DSSE-KMS pricing on the Storage tab of the [Amazon S3 pricing page](#).

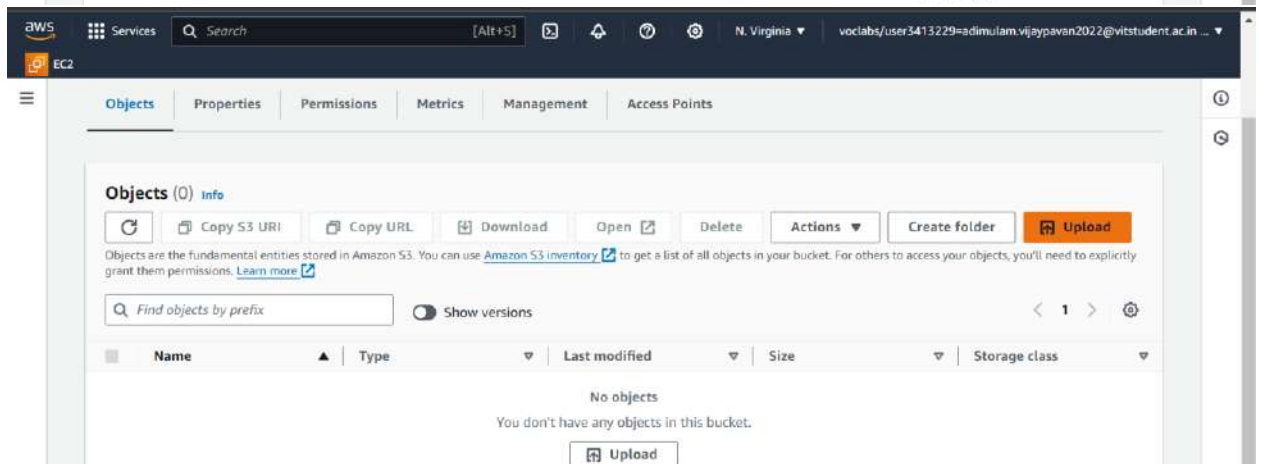
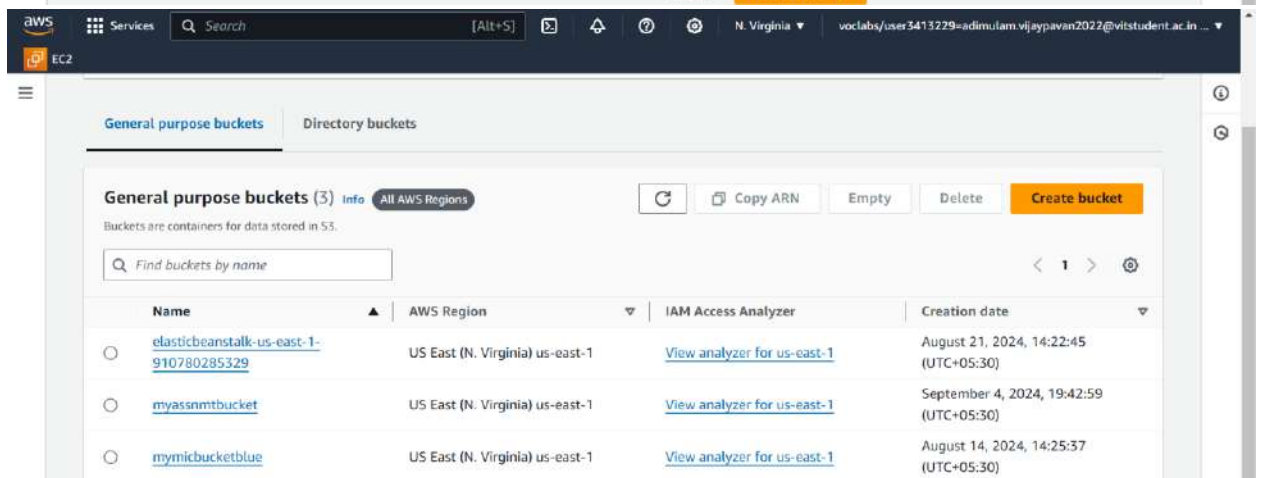
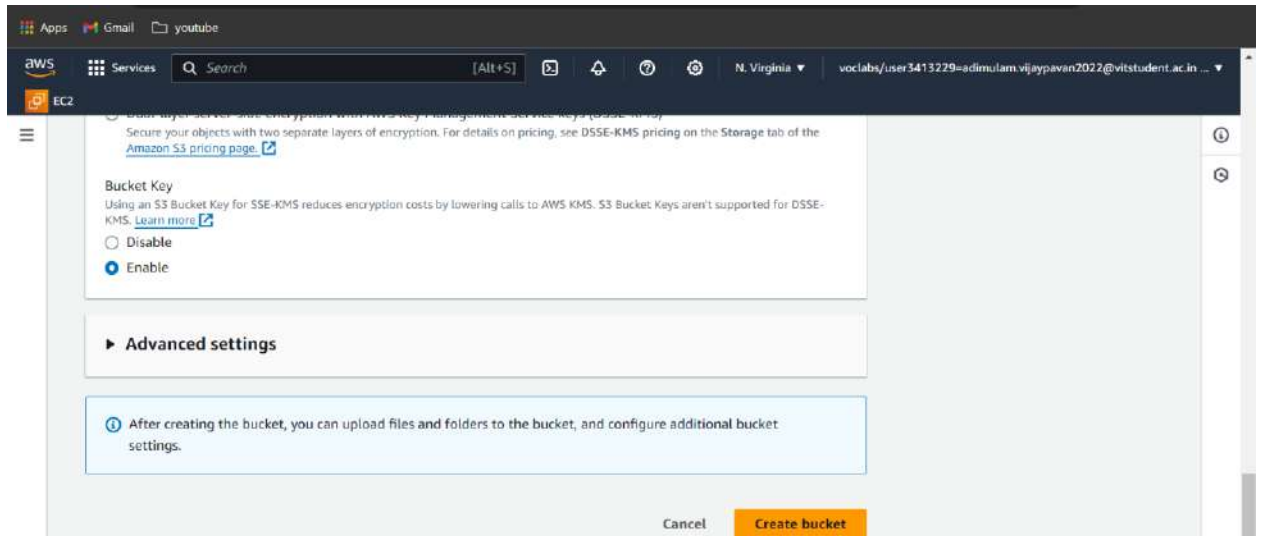
Bucket Key

Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. [Learn more](#)

- ☐ Disable
☒ Enable

Advanced settings

After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket



Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (1 Total, 28.1 KB)

Remove

Add files

Add folder

All files and folders in this table will be uploaded.

< 1 >

<input type="checkbox"/>	Name	Folder	Type
<input type="checkbox"/>	sidhhartha.jpg	-	image/jpeg

Destination [Info](#)

Services
[Alt+S]

EC2

N. Virginia

voclabs/user3413229-adimulam.vijayapavan2022@vitstudent.ac.in ...

Upload succeeded

View details below.

s3://myassnmtbucket

1 file, 28.1 KB (100.00%)

0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 Total, 28.1 KB)

< 1 >

Name	Folder	Type	Size	Status	Error
sidhhartha.jp...	-	image/jpeg	28.1 KB	Succeeded	-

aws

Services

Search

[Alt+S]

N. Virginia

voclabs/user3413229=adimulam.vijayavan2022@vitsstudent.ac.in

EC2

Amazon S3

Buckets

Access Grants

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

Owner

aws-labs-0w4698988t1666768912

AWS Region

US East (N. Virginia) us-east-1

Last modified

September 4, 2024, 19:45:13 (UTC+05:30)

Size

28.1 KB

Type

jpg

Key

sidhartha.jpg

S3 URI

s3://myassnmtbucket/sidhartha.jpg

Amazon Resource Name (ARN)

arn:aws:s3:::myassnmtbucket/sidhartha.jpg

Entity tag (Etag)

89a829103c3ffa0ad94f3468139427fc

Object URL Copied

https://myassnmtbucket.s3.amazonaws.com/sidhartha.jpg

myassnmtbucket.s3.amazonaws.com/sidhartha.jpg

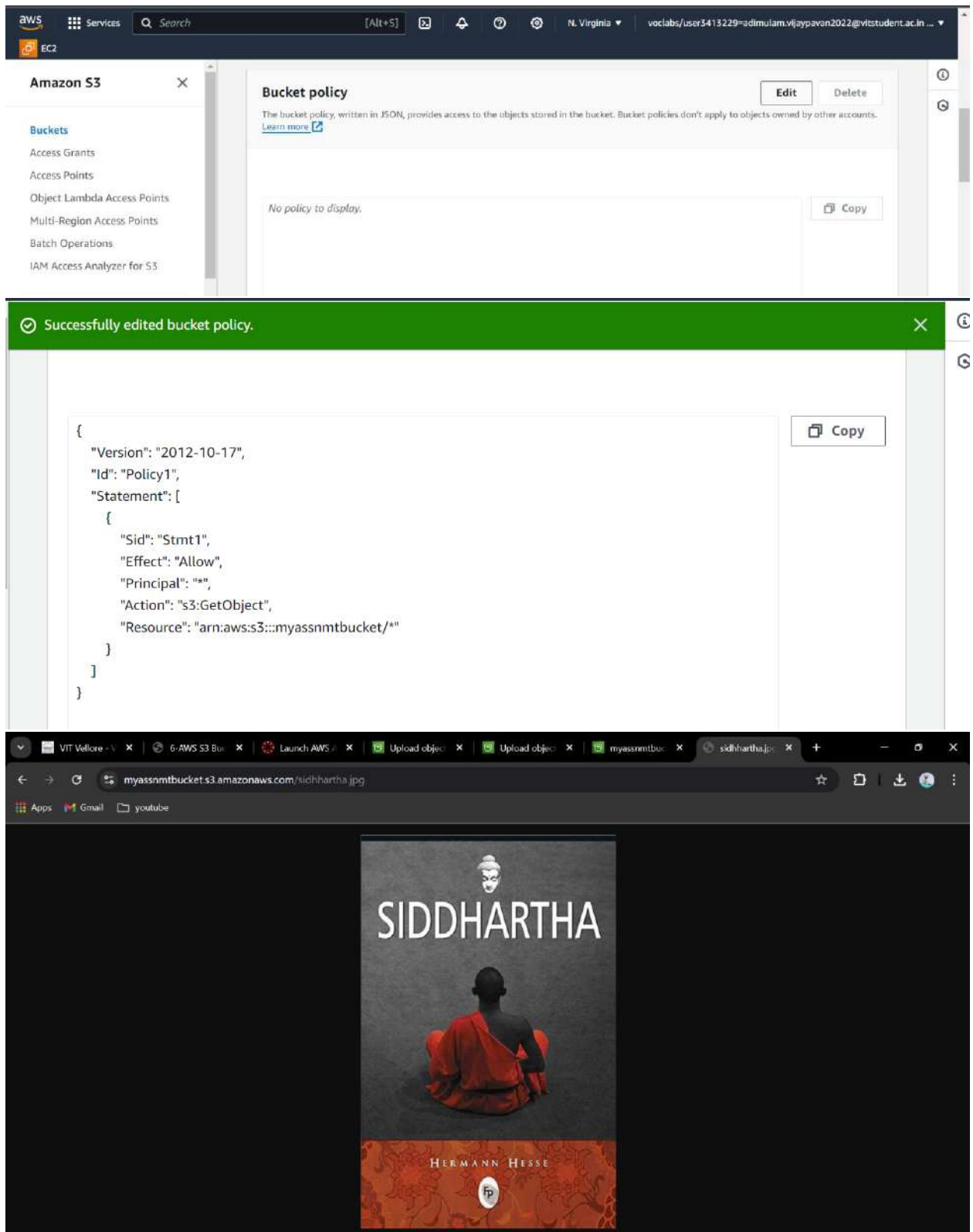
Apps

Gmail

youtube

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Error>
  <Code>AccessDenied</Code>
  <Message>Access Denied</Message>
  <RequestId>JZNGYPG2R982NRXR</RequestId>
  <HostId>96UmHt1H0WwXSmkCnVtX1D1Au7mbDa6VymsozFuj8AvoeIPzVmu6373Z4XA8MLXn+r15J3TtsU=</HostId>
</Error>
```

Completion and Conclusion

1. I have successfully created a new AWS S3 Bucket.
2. I have successfully uploaded an image to the S3 bucket.

3. I have learned to change S3 object permissions.
4. I have learned how to create an S3 bucket policy.

ii)

The screenshot shows the AWS S3 console interface for creating a new bucket. The top navigation bar includes the AWS logo, 'Services' menu, a search bar, and the user's profile information. The left sidebar shows the 'EC2' service selected. The main content area is titled 'Create bucket' and features two storage class options: 'General purpose' (selected) and 'Directory'. The 'General purpose' section explains that these buckets are the original S3 bucket type and allow a mix of storage classes. The 'Directory' section explains that these are for low-latency use cases. Below the storage class selection, the 'Bucket name' field is populated with 'textbucketvijay'. A note states that the bucket name must be unique within the global namespace. The 'Copy settings from existing bucket - optional' section is present, with a 'Choose bucket' button. The 'Object Ownership' section is visible at the bottom, explaining that it controls ownership of objects written to the bucket.

General purpose [Info](#)
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

Directory
Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name [Info](#)
textbucketvijay
Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - *optional*
Only the bucket settings in the following configuration are copied.
[Choose bucket](#)
Format: s3://bucket/prefix

Object Ownership [Info](#)
Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can modify access to objects.

aws

Services

Search

[Alt+S]

N. Virginia

voclabs/user3413229=adimulam.vijayavan2022@vitstudent.ac.in

EC2

Object Ownership

Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

ACLs disabled (recommended)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Object Ownership

Bucket owner enforced

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

aws

Services

Search

[Alt+S]

N. Virginia

voclabs/user3413229=adimulam.vijayavan2022@vitstudent.ac.in

EC2

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning

Disable

Enable

Tags - optional (0)

You can use bucket tags to track storage costs and organize buckets. [Learn more](#)

No tags associated with this bucket.

Add tag

CloudShell

Feedback

© 2024, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

aws

Services

Search

[Alt+S]

N. Virginia

voclabs/user3413229=adimulam.vijayavan2022@vitstudent.ac.in

EC2

Secure your objects with two separate layers of encryption. For details on pricing, see [DSSE-KMS pricing](#) on the [Storage](#) tab of the [Amazon S3 pricing page](#).

Bucket Key

Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. [Learn more](#)

Disable

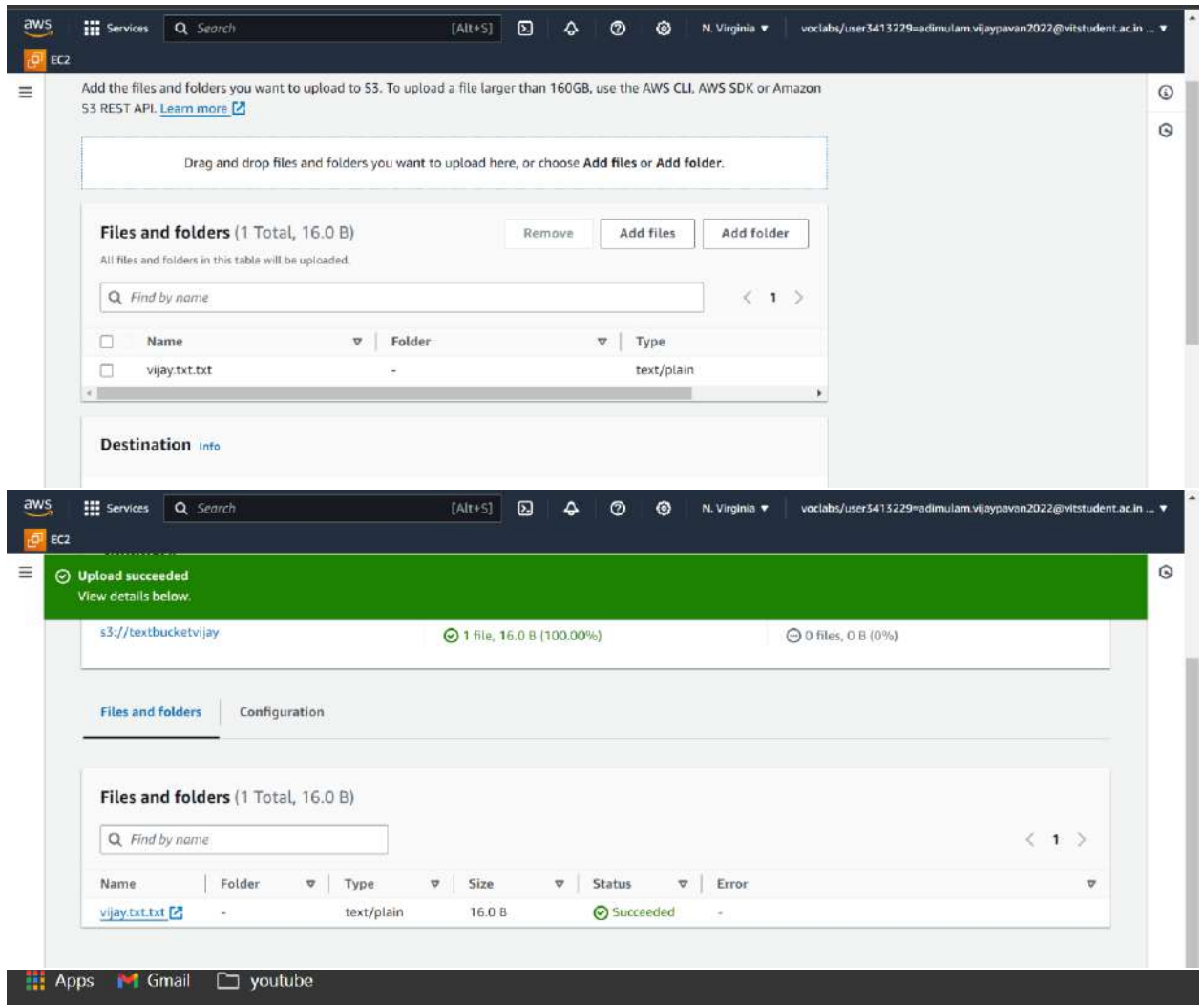
Enable

Advanced settings

After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.

Cancel

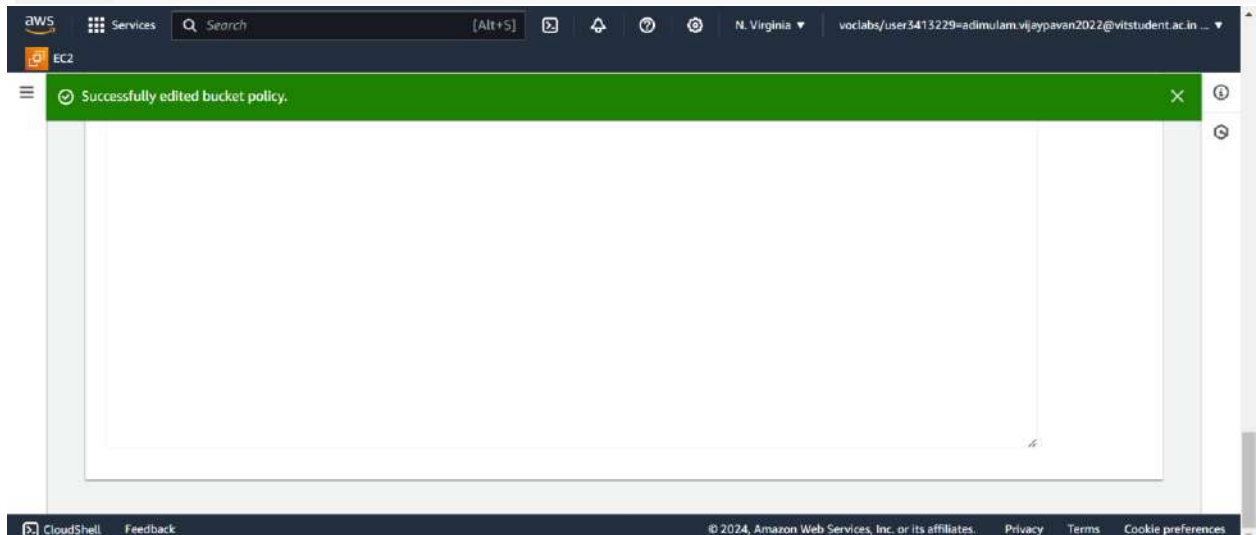
Create bucket



This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Error>
  <Code>AccessDenied</Code>
  <Message>Access Denied</Message>
  <RequestId>8GY9Z2YQXWCGH5F</RequestId>
  <HostId>ec96U4IxSEK0vpk36cJPKcF5l3Jtv40thmjMKx00X2s0HsN6XWbXN0CFpisSUIqI2uAEkCkowsY=</HostId>
</Error>
```

```
1 {  
2   "Version": "2012-10-17",  
3   "Id": "Policy1",  
4   "Statement": [  
5     {  
6       "Sid": "Stmt1",  
7       "Effect": "Allow",  
8       "Principal": "*",  
9       "Action": "s3:GetObject",  
10      "Resource": "arn:aws:s3:::textbucketvijay/*"  
11    }  
12  ]  
13 }
```



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ENG IN 22:39 04-09-2024

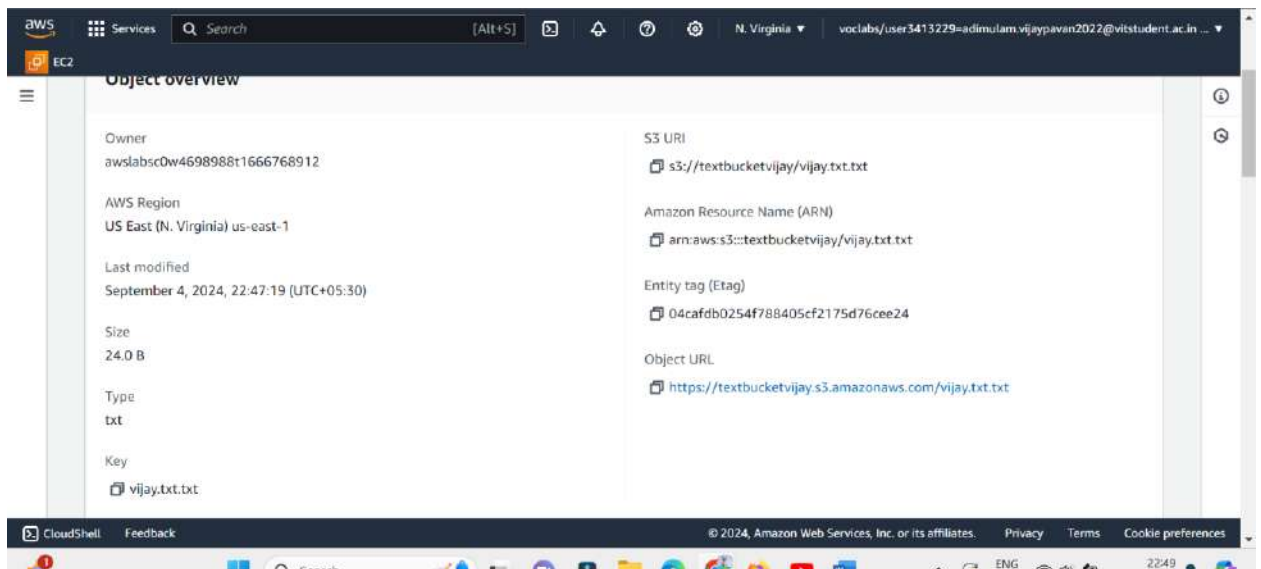
Bucket Versioning Edit

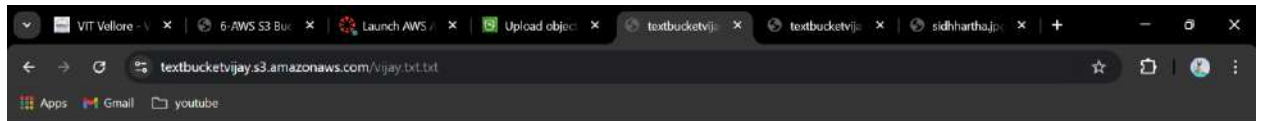
Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning
Enabled

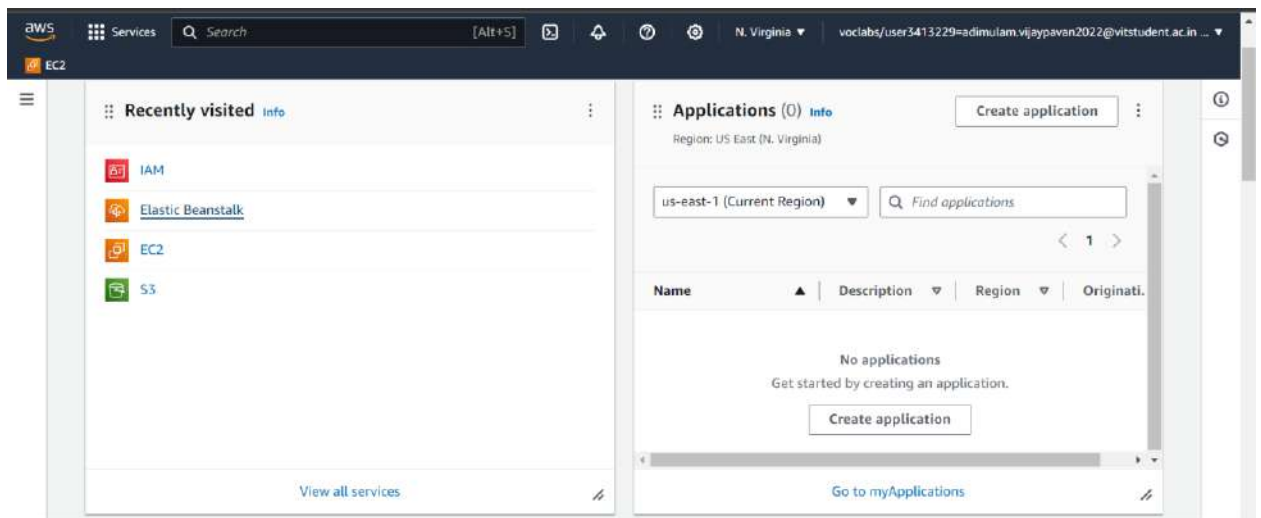
Multi-factor authentication (MFA) delete
An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. [Learn more](#)

Disabled





3)



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EC2

Elastic Beanstalk

Applications
Environments
Change history

Elastic Beanstalk > Environments

Environments (4) Info

Filter environments

Environment name	Health	Applica...	Platform	Domain
Home-env	Ok	home	PHP 8.3 r...	Home-env.eba-hfxpg5xi.us-east-1.amazonaws.com
Vijay-PHP-env	Info	Vijay-PHP	PHP 8.3 r...	Vijay-PHP-env.eba-2f7neqpn.u...
Vijayhome-env	No Data	vijayhome	Corretto 2...	Vijayhome-env.eba-2mpmdwt...
Vijaypavanhome-env	No Data	vijaypava...	Corretto 2...	Vijaypavanhome-env.eba-kimg...

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EC2

Environment tier

Amazon Elastic Beanstalk has two types of environment tiers to support different types of web applications.

- ☒ **Web server environment**
Run a website, web application, or web API that serves HTTP requests. [Learn more](#)
- ☐ **Worker environment**
Run a worker application that processes long-running workloads on demand or performs tasks on a schedule. [Learn more](#)

Application information

Application name

Maximum length of 100 characters.

Application tags (optional)

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EC2

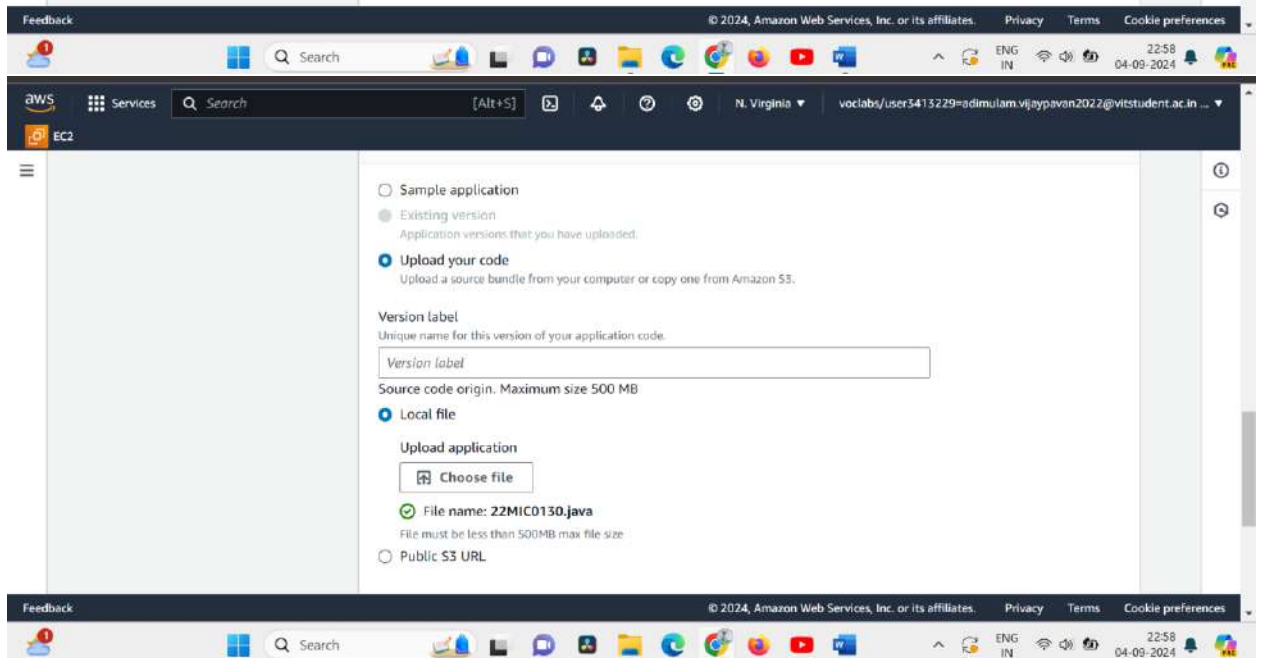
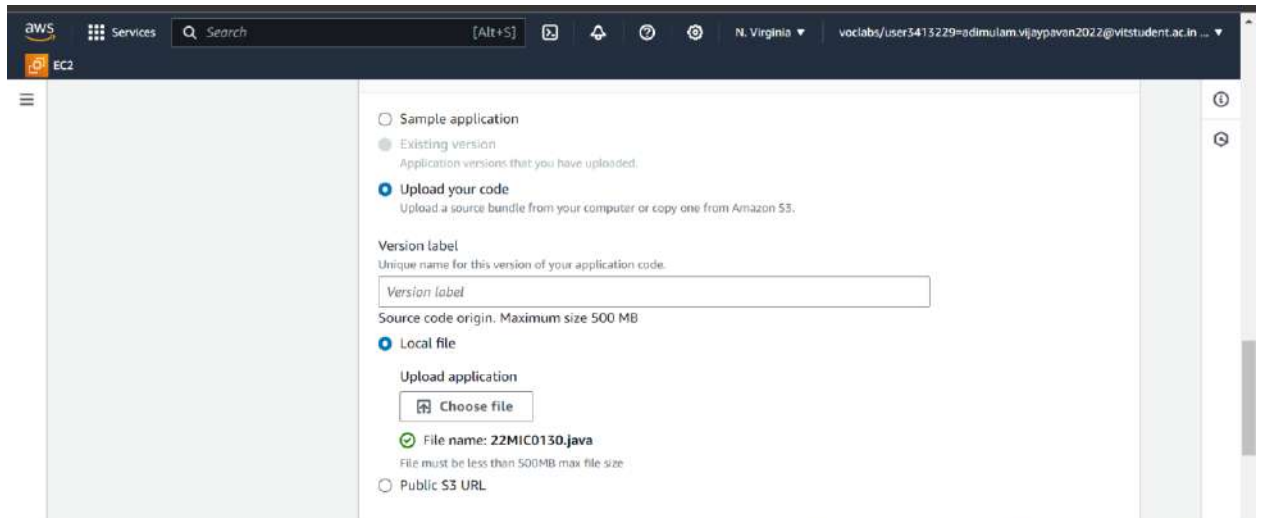
Platform type

- ☒ **Managed platform**
Platforms published and maintained by Amazon Elastic Beanstalk. [Learn more](#)
- ☐ **Custom platform**
Platforms created and owned by you. This option is unavailable if you have no platforms.

Platform

Platform branch

Platform version



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Services

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EC2

File must be less than 500MB max file size

☐ Public S3 URL

Presets Info

Start from a preset that matches your use case or choose custom configuration to unset recommended values and use the service's default values.

Configuration presets

☒ Single instance (free tier eligible)

☐ Single instance (using spot instance)

☐ High availability

☐ High availability (using spot and on-demand instances)

☐ Custom configuration

CancelNext

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EC2

Step 4 - optional

[Configure instance traffic and scaling](#)

Step 5 - optional

[Configure updates, monitoring, and logging](#)

Step 6

[Review](#)

☐ Create and use new service role

☒ Use an existing service role

Existing service roles

Choose an existing IAM role for Elastic Beanstalk to assume as a service role. The existing IAM role must have the required IAM managed policies.

LabRole

EC2 key pair

Select an EC2 key pair to securely log in to your EC2 instances. [Learn more](#)

vockey

EC2 instance profile

Choose an IAM instance profile with managed policies that allow your EC2 instances to perform required operations.

LabInstanceProfile

View permission details

CancelSkip to reviewPreviousNext

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EC2

When a snapshot is taken, your database will be decoupled from the database instance and remain available as a standalone database. You might incur charges for storing database snapshots.

☒ Retain

The decoupled database will remain available and operational external to Elastic Beanstalk.

☐ Delete

Elastic Beanstalk terminates the database. The database will no longer be available.

Tags

Apply up to 50 tags. You can use tags to group and filter your resources. A tag is a key-value pair. The key must be unique within the resource and is case-sensitive. [Learn more](#)

No tags associated with the resource.

Add new tag

You can add 50 more tags.

CancelSkip to reviewPreviousNext

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EC2

Lifecycle: false Log streaming: Deactivated Logs retention: 7

Rotate logs: Deactivated Update level: minor X-Ray enabled: Deactivated

Environment properties

Key	Value
GRADLE_HOME	/usr/local/gradle
M2	/usr/local/apache-maven/bin
M2_HOME	/usr/local/apache-maven

Cancel Previous Submit

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EC2

Elastic Beanstalk

Applications

Environments

Change history

Application: vijayhome

Application versions

Saved configurations

Environment: Vijayhome-env

Go to environment

Configuration

Events

Platform

Change version

Platform

Corretto 21 running on 64bit Amazon Linux 2023/4.3.0

Running version: 1.0

Platform state: Supported

Events (22)

Filter events by text, property or value

Time Type Details

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EC2

Elastic Beanstalk

Applications

Environments

Change history

Application: beanstalkassnmt

Application versions

Saved configurations

Environment: Beanstalkassnmt-env

Go to environment

Configuration

Beanstalkassnmt-env

Actions

Upload and deploy

Environment overview

Health: Pending - View causes

Domain: Beanstalkassnmt-env.eba-esxxb9t6.us-east-1.elasticbeanstalk.com

Environment ID: e-4ygbgrmsw7

Application name: beanstalkassnmt

Platform

Change version

aws

Services

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EC2

Elastic Beanstalk

Applications

Environments

Change history

Application: beanstalkkassnmt

Application versions

Saved configurations

Environment: Beanstalkkassnmt-env

Go to environment

Configuration

Environment successfully launched.

Elastic Beanstalk > Environments > Beanstalkkassnmt-env

Beanstalkkassnmt-env

Actions

Upload and deploy

Environment overview

Health

Pending - View causes

Domain

Beanstalkkassnmt-env.eba-esxxb9t6.us-east-1.elasticbeanstalk.com

Environment ID

e-4ygbgrmsw7

Application name

beanstalkkassnmt

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This site can't be reached

beanstalkkassnmt-env.eba-esxxb9t6.us-east-1.elasticbeanstalk.com refused to connect.

Try:

- Checking the connection
- Checking the proxy and the firewall

ERR_CONNECTION_REFUSED

Reload

Details