

Name: - PRASHIK SHENDE

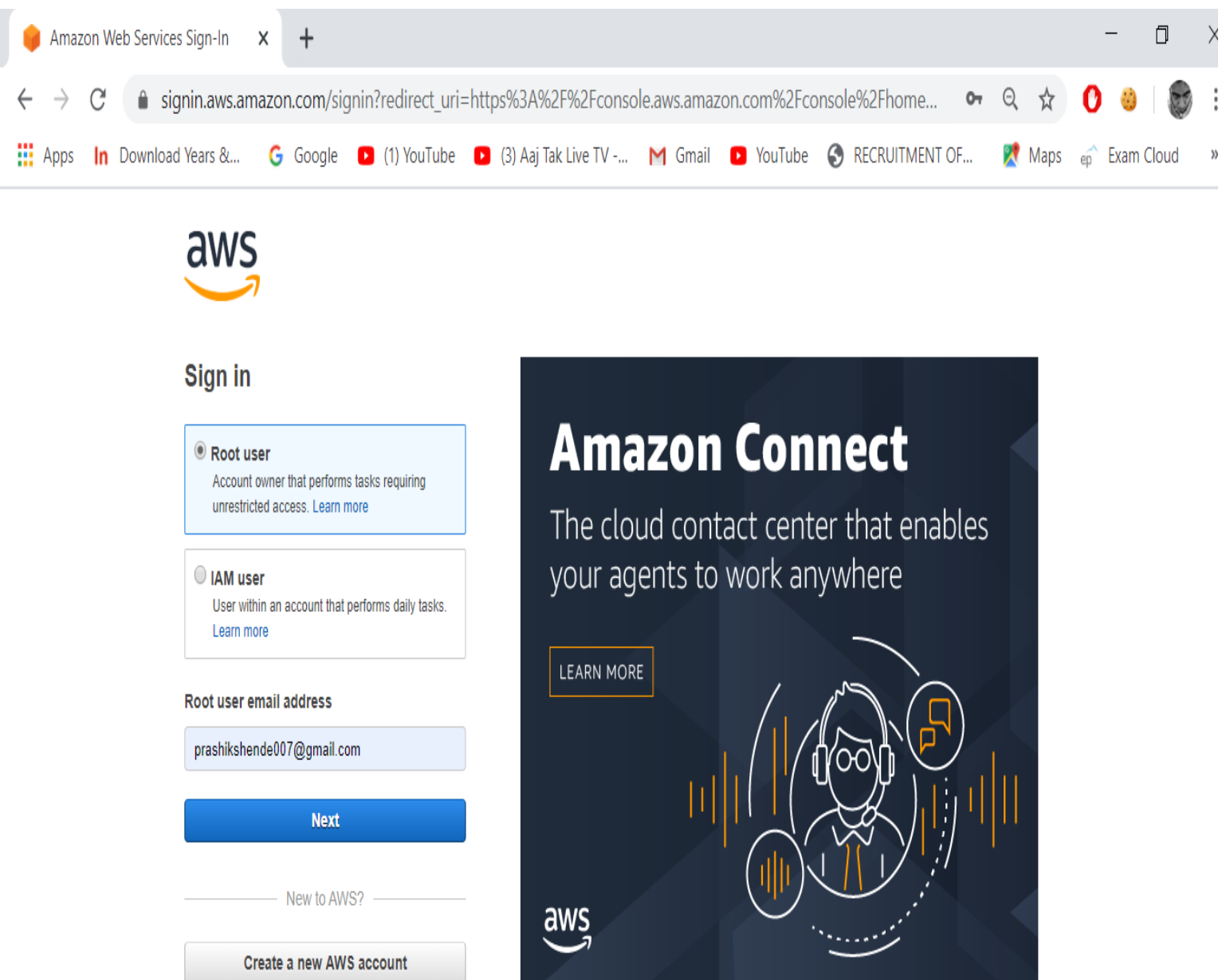
College: - VIT (Vellore)

Class ID: - 19MEA0003

Email ID: - prashikshende007@gmail.com

Screenshots needed for Dashboards

1. AWS login screen



Amazon Web Services Sign-In

signin.aws.amazon.com/signin?redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fconsole%2Fhome...

aws

Sign in

☒ **Root user**
Account owner that performs tasks requiring unrestricted access. [Learn more](#)

☐ **IAM user**
User within an account that performs daily tasks. [Learn more](#)

Root user email address

prashikshende007@gmail.com

Next

[New to AWS?](#)

[Create a new AWS account](#)

Amazon Connect
The cloud contact center that enables your agents to work anywhere

[LEARN MORE](#)

aws



AWS Management Console

AWS services

Find Services

You can enter names, keywords or acronyms.

🔍 *Example: Relational Database Service, database, RDS*

▼ Recently visited services



EC2



VPC



S3



Amazon Rekognition

▼ All services



Compute

EC2

Lightsail [🔗](#)

Lambda

Batch

Elastic Beanstalk

Serverless Application Repository

AWS Outposts

EC2 Image Builder



Blockchain

Amazon Managed Blockchain



Satellite

Ground Station



Quantum Technologies

Amazon Braket [🔗](#)



Security, Identity, & Compliance

IAM

Resource Access Manager

Cognito

Secrets Manager

GuardDuty

Inspector

Amazon Macie [🔗](#)

AWS Single Sign-On

Access resources on the go



Access the Management Console using the AWS Console Mobile App. [Learn more](#) [🔗](#)

Explore AWS

Amazon Redshift

Fast, simple, cost-effective data warehouse that can extend queries to your data lake. [Learn more](#) [🔗](#)


Run Serverless Containers with AWS Fargate


AWS Fargate runs and scales your containers without having to manage servers or clusters. [Learn more](#) [🔗](#)

Scalable, Durable, Secure Backup & Restore with Amazon S3

Discover how customers are building backup & restore solutions with Amazon S3.

2. EC2 Dashboard

 Services ▾ Resource Groups ▾

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New EC2 Experience
Tell us what you think

EC2 Dashboard New

Events New

Tags

Reports

Limits

INSTANCES

Instances

Instance Types

Launch Templates New

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts New

Capacity Reservations

IMAGES

AMIs

Launch Instance ▾

Connect

Actions ▾

search : i-04f4284cf4e75c547 Add filter

<< >> 1 to 1 of 1

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 IPs
	i-04f4284cf4e75c547	t2.micro	us-east-2a	running	2/2 checks ...	None	ec2-18-216-235-185.us...	18.216.235.185	-

Instance: i-04f4284cf4e75c547 Public DNS: ec2-18-216-235-185.us-east-2.compute.amazonaws.com

Description

Status Checks

Monitoring

Tags

Instance ID

i-04f4284cf4e75c547

Instance state

running

Instance type

t2.micro

Finding

Opt-in to AWS Compute Optimizer for recommendations. [Learn more](#)

Private DNS

ip-172-31-0-103.us-east-2.compute.internal

Private IPs

172.31.0.103

Secondary private IPs

VPC ID

vpc-8b895ce0

Subnet ID

subnet-246a04f5

Public DNS (IPv4)

ec2-18-216-235-185.us-east-2.compute.amazonaws.com

IPv4 Public IP

18.216.235.185

IPv6 IPs

-

Elastic IPs

Availability zone

us-east-2a

Security groups

[launch-wizard-2](#). [view inbound rules](#). [view outbound rules](#)

Scheduled events

No scheduled events

AMI ID

amzn2-ami-hvm-2.0.20200304.0-x86_64-gp2 (ami-0e01ce4ee18447327)

Platform details

Feedback

English (US)

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Resource Groups ▾



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New EC2 Experience
Tell us what you think

EC2 Dashboard **New**

Events **New**

Tags

Reports

Limits

INSTANCES

Instances

Instance Types

Launch Templates **New**

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts **New**

Capacity Reservations

IMAGES

EC2

Resources



You are using the following Amazon EC2 resources in the US East (Ohio) Region:

Running instances

1

Elastic IPs

0

Dedicated Hosts

0

Snapshots

0

Volumes

1

Load balancers

0

Key pairs

2

Security groups

3

Placement groups

0

Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. [Learn more](#)

Account attributes



[Supported platforms](#)

- VPC

[Default VPC](#)

vpc-8b895ce0

[Console experiments](#)

[Settings](#)

Explore AWS



Save with AMD EPYC-Powered EC2 instances

Learn how you can use EC2 instances featuring AMD EPYC processors to deliver a 10% lower cost on compute and memory. [Read the solution brief](#)

Launch instance

Service health

Feedback English (US)

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aws

Services

▼

Resource Groups

▼

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Global

Support

Amazon S3

X

Buckets

Batch operations

Access analyzer for S3

Block public access (account settings)

Feature spotlight

2

We're gradually updating the design of the Amazon S3 console. You will notice some updated screens as we improve the performance and user interface. To help us improve the experience, [give feedback](#) on the recent updates.

Amazon S3

Buckets (1)

Copy ARN

Empty

Delete

Create bucket

Find bucket by name

< 1 >

Name	Region	Access	Bucket created
<div></div> elchapo	US East (Ohio) us-east-2	Objects can be public	2020-03-29T13:16:59.000Z



Amazon S3 > elchapo

elchapo

Overview

Properties

Permissions

Management

Access points

🔍 Type a prefix and press Enter to search. Press ESC to clear.



Upload



Create folder



Download



Actions ▾


US East (Ohio) 🔄

Viewing 1 to 2


<input type="checkbox"/>	Name ▾	Last modified ▾	Size ▾	Storage class ▾
<input type="checkbox"/>	 index.html	Mar 29, 2020 6:49:14 PM GMT+0530	107.0 B	Standard
<input type="checkbox"/>	 sample.jpg	Mar 31, 2020 1:44:49 PM GMT+0530	210.5 KB	Standard

Viewing 1 to 2

4. Rekognition Dashboard



Services ▾ Resource Groups ▾ 🔔



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Amazon Rekognition

Custom Labels New

Use Custom Labels

Demos

Object and scene detection

Image moderation

Facial analysis

Celebrity recognition

Face comparison

Text in image

Video Demos

Video analysis

Metrics

Metrics

Additional Resources

Getting started guide

Amazon Rekognition

Deep learning-based visual analysis service

Search, verify, and organize millions of images and videos

Try Demo

Download SDKs



Easily Integrate Powerful Visual Analysis into Your App

You don't need computer vision or deep learning expertise to take advantage of Rekognition's high quality image and video analysis for your web, mobile, enterprise or device applications. Amazon Rekognition removes the complexity of building a visual recognition



Continuously Learning

Amazon Rekognition is designed to use deep learning technology to analyze billions of images and videos daily. It is continuously learning as we add support for new capabilities and learn from more and more data.



Integrated with AWS Services

Amazon Rekognition is designed to work seamlessly with other AWS services. Rekognition integrates directly with Amazon S3 and AWS Lambda so you can build scalable, affordable, and reliable visual analysis applications. You can start analyzing images and videos stored in Amazon S3 without moving any data. You can

1. EC2:

a. Choosing an AIM



Services ▾

Resource Groups ▾



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Ohio ▾

Support ▾

1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review

[Cancel and Exit](#)

Step 1: Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Search for an AMI by entering a search term e.g. "Windows"



Quick Start

1 to 40 of 40 AMIs

My AMIs

AWS Marketplace

Community AMIs

☐ Free tier only ⓘ



Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-0e01ce4ee18447327 (64-bit x86) / ami-03201f374ab66a26e (64-bit Arm)

Select

Amazon Linux
Free tier eligible

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

- 64-bit (x86)
- 64-bit (Arm)



Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-01b01bdd08f24c7a8

Select

Amazon Linux
Free tier eligible

The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

64-bit (x86)



Red Hat Enterprise Linux 8 (HVM), SSD Volume Type - ami-0520e698dd500b1d1 (64-bit x86) / ami-0099847d600887c9f (64-bit Arm)

Select

Red Hat
Free tier eligible

Red Hat Enterprise Linux version 8 (HVM), EBS General Purpose (SSD) Volume Type

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

- 64-bit (x86)
- 64-bit (Arm)

b. Choosing an instance



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1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance types ▾ Current generation ▾ [Show/Hide Columns](#)

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family ▾	Type ▾	vCPUs ⓘ ▾	Memory (GiB) ▾	Instance Storage (GB) ⓘ ▾	EBS-Optimized Available ⓘ ▾	Network Performance ⓘ ▾	IPv6 Support ⓘ ▾
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t2.2xlarge	8	32	EBS only	-	Moderate	Yes

[Cancel](#)

[Previous](#)

[Review and Launch](#)

[Next: Configure Instance Details](#)

c. Adding storage

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Services ▾

Resource Groups ▾

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🔔

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Ohio ▾

Support ▾

1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Add Tags

6. Configure Security Group

7. Review

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type ⓘ	Device ⓘ	Snapshot ⓘ	Size (GiB) ⓘ	Volume Type ⓘ	IOPS ⓘ	Throughput (MB/s) ⓘ	Delete on Termination ⓘ	Encryption ⓘ
Root	/dev/xvda	snap-0f54692056aaa4c20	<input type="text" value="8"/>	General Purpose SSD (gp2) ▾	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted ▾

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.


Cancel

Previous

Review and Launch

Next: Add Tags

d. Configuration Security group

 Services ▾ Resource Groups ▾ 🔍

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1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

Assign a security group: ☒ Create a new security group ☐ Select an existing security group

Security group name:

Description:

Type ⓘ	Protocol ⓘ	Port Range ⓘ	Source ⓘ	Description ⓘ	
SSH ▾	TCP	22	Custom ▾ 0.0.0.0/0	e.g. SSH for Admin Desktop	✕

Add Rule

⚠ Warning

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Cancel Previous **Review and Launch**

e. Key Pair Download

EC2 Management Console

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:

Apps Download Years &... Google (1) YouTube (3) Aaj Tak Live TV -... Gmail YouTube RECRUITMENT OF... Maps Exam Cloud

aws

Services Resource Groups

prashikshende007@gmail.com Ohio Support

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 7: Review Instance Launch

eligible Root Device Type: ebs Virtualization type: hvm

Instance Type

Instance Type	ECUs	vCPUs	Mem
t2.micro	Variable	1	1

Security Groups

Security group name	launch-wizard-2
Description	launch-wizard-2 created 2020-03-
Type	Protocol
SSH	TCP

Instance Details

Select an existing key pair or create a new key pair

A key pair consists of a **public key** that AWS stores, and a **private key** file that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.

Create a new key pair

Key pair name

elchapo

Download Key Pair

You have to download the **private key file** (*.pem file) before you can continue. Store it in a **secure and accessible** location. You will not be able to download the file again after it's created.

Cancel

Launch Instances

Cancel Previous Launch

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elchapo.pem

Show all

Facedetection AWS

File Home Share View

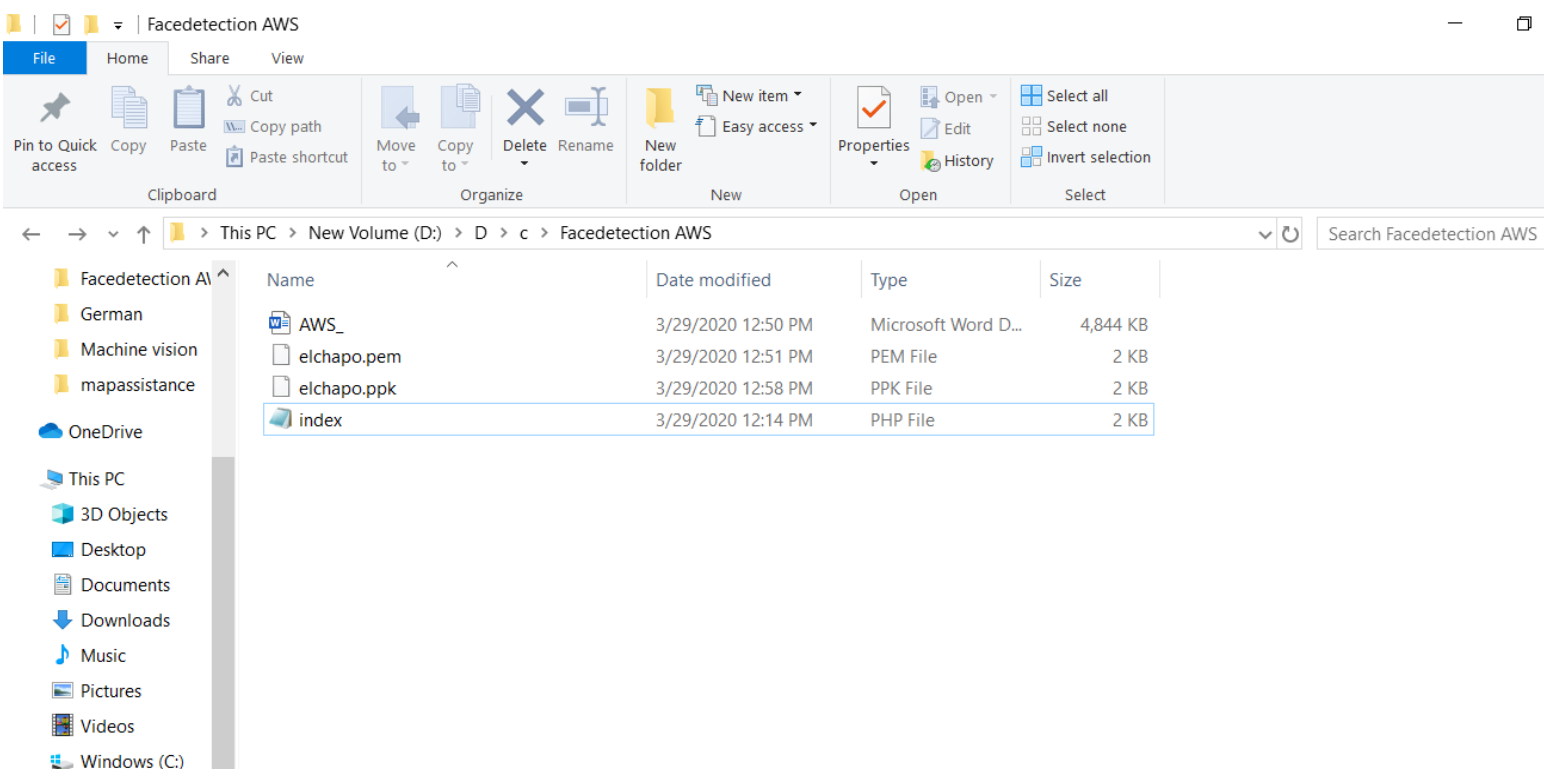
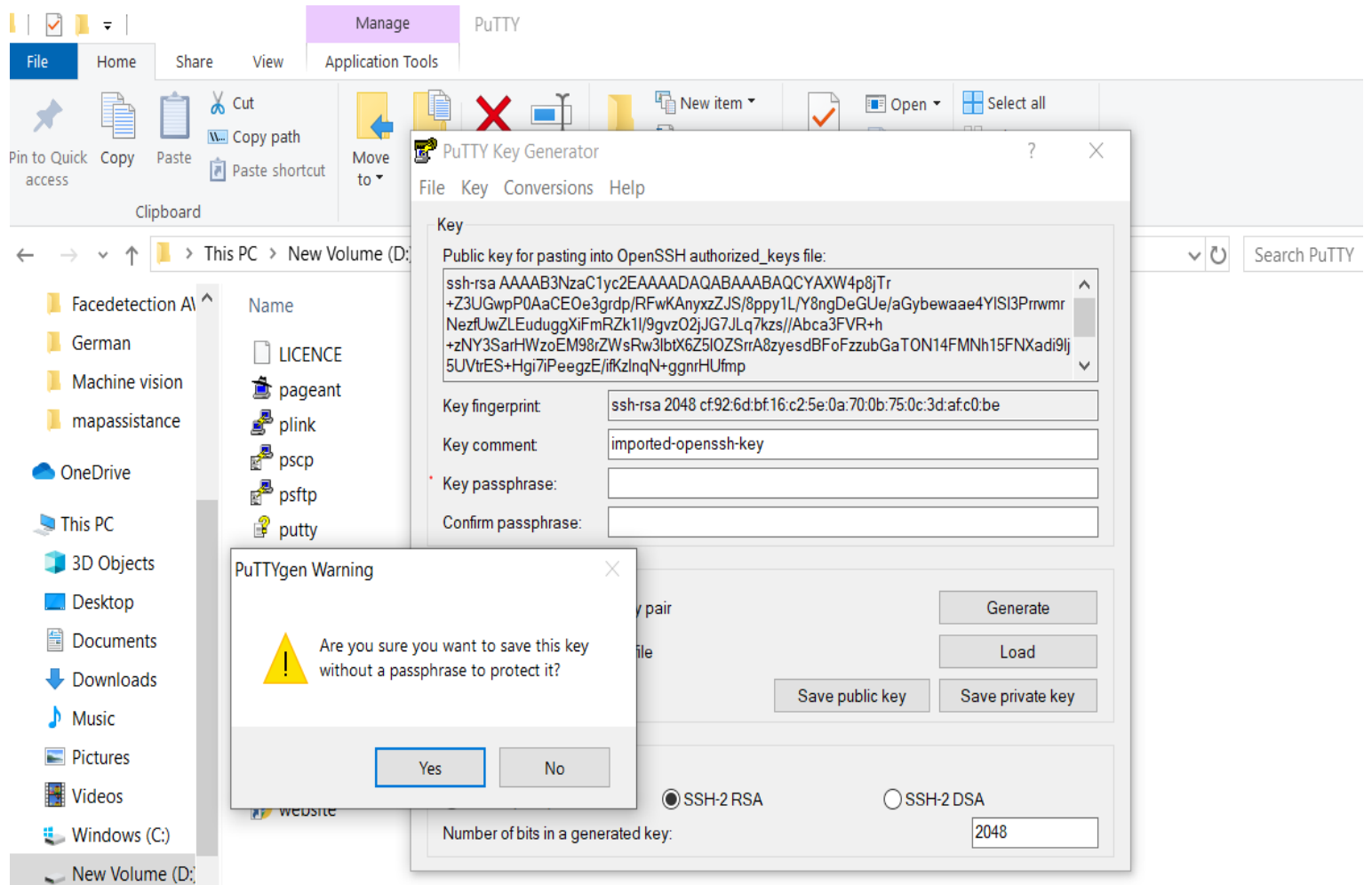
Pin to Quick access	Copy	Paste	Cut	Move to	Copy to	Delete	Rename	New folder	New item	Easy access	Open	Edit	Properties	History	Select all	Select none	Invert selection
Clipboard			Organize			New			Open			Select					

← → ↕ ↑ > This PC > New Volume (D:) > D > c > Facedetection AWS

Search Facedetection AWS

	Name	Date modified	Type	Size
Facedetection AWS				
German	AWS_	3/29/2020 12:50 PM	Microsoft Word D...	4,844 KB
Machine vision	elchapo.pem	3/29/2020 12:51 PM	PEM File	2 KB
mapassistance	index.php	3/29/2020 12:14 PM	PHP File	2 KB
OneDrive				
This PC				
3D Objects				
Desktop				
Documents				
Downloads				
Music				
Pictures				
Videos				
Windows (C:)				

f. Puttygen conversion from pem to ppk



g. Logged in EC2 black Screen

The screenshot displays the AWS Management Console interface. At the top, the breadcrumb navigation shows 'Instances | EC2 Management Console'. The browser address bar indicates the URL: `us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:search=i-04f4284cf4e75c547;sort-`. On the left sidebar, the 'Instances' section is selected under the 'INSTANCES' category. The main content area features a terminal window titled `ec2-user@ip-172-31-0-103:~`. The terminal output shows the login process: `login as: ec2-user`, `Authenticating with public key "imported-openssh-key"`, and the Amazon Linux 2 AMI logo. Below the logo, the terminal displays the URL `https://aws.amazon.com/amazon-linux-2/`, a security update notification: `1 package(s) needed for security, out of 7 available`, and the instruction `Run "sudo yum update" to apply all updates.`. The prompt `[ec2-user@ip-172-31-0-103 ~]$` is followed by a green cursor. The background of the console shows a list of instances, with one instance having the ID `ec2-18-216-235-185` and a public IP address of `18.216.235.185`. The footer includes a 'Feedback' button, a language selector set to 'English (US)', and a copyright notice: '© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates'.

File Home Insert Design Layout References Mailings Review View Help Tell me what you want to do

ec2-user@ip-172-31-0-103:~

```
[ec2-user@ip-172-31-0-103 ~]$ sudo service httpd start
Redirecting to /bin/systemctl start httpd.service
[ec2-user@ip-172-31-0-103 ~]$ sudo service httpd status
Redirecting to /bin/systemctl status httpd.service
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor prese
t: disabled)
   Active: active (running) since Sun 2020-03-29 13:03:24 UTC; 24s ago
     Docs: man:httpd.service(8)
  Main PID: 3688 (httpd)
    Status: "Total requests: 0; Idle/Busy workers 100/0; Requests/sec: 0; Bytes se
rved/sec: 0 B/sec"
    CGroup: /system.slice/httpd.service
            └─3688 /usr/sbin/httpd -DFOREGROUND
              └─3689 /usr/sbin/httpd -DFOREGROUND
                └─3690 /usr/sbin/httpd -DFOREGROUND
                  └─3691 /usr/sbin/httpd -DFOREGROUND
                    └─3692 /usr/sbin/httpd -DFOREGROUND
                      └─3693 /usr/sbin/httpd -DFOREGROUND

Mar 29 13:03:24 ip-172-31-0-103.us-east-2.compute.internal systemd[1]: Starti...
Mar 29 13:03:24 ip-172-31-0-103.us-east-2.compute.internal systemd[1]: Starte...
Hint: Some lines were ellipsized, use -l to show in full.
[ec2-user@ip-172-31-0-103 ~]$
```

Findings Opt-in to AWS Compute Optimizer for recommendations. [Learn](#)

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2. S3

a. Creating a bucket

Instances | EC2 Management Console | S3 Management Console | 18.216.235.185

s3.console.aws.amazon.com/s3/bucket/create?region=us-east-2

Apps | Download Years &... | Google | (1) YouTube | (3) Aaj Tak Live TV -... | Gmail | YouTube | RECRUITMENT OF... | Maps | Exam Cloud

aws Services Resource Groups prashikshende007@gmail.com Global Support

We're gradually updating the design of the Amazon S3 console. You will notice some updated screens as we improve the performance and user interface. To help us improve the experience, [give feedback](#) on the recent updates.

Amazon S3 > Create bucket

Create bucket

General configuration

Bucket name

elchapid

Bucket name must be unique and must not contain spaces or uppercase letters. [See rules for bucket naming](#)

Region

US East (Ohio) us-east-2

Bucket settings for Block Public Access

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](#)

Feedback English (US)

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b. Uploading an Object

Instances | EC2 Management Console

S3 Management Console

18.216.235.185

← → ↺

s3.console.aws.amazon.com/s3/buckets/elchapo/?region=us-east-2

🔍 ☆ 🔴 🟡 🖼️

📱 Apps

📺 Download Years &...

🔍 Google

📺 (1) YouTube

📺 (3) Aaj Tak Live TV -...

📧 Gmail

📺 YouTube

🌐 RECRUITMENT OF...

📍 Maps

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»

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Services ▾

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🔍

🔔

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Support ▾

Amazon S3 > elchapo

elchapo

Overview Properties Permissions Management Access points

🔍 Type a prefix and press Enter to search. Press ESC to clear.

📶 Upload


➕ Create folder

⬇️ Download

⌵ Actions ▾

US East (Ohio) 🔄

Viewing 1 to 1

<input type="checkbox"/>	Name ▾	Last modified ▾	Size ▾	Storage class ▾
<input type="checkbox"/>	 index.html	Mar 29, 2020 6:49:14 PM GMT+0530	107.0 B	Standard

Viewing 1 to 1

Operations 0 In progress 1 Success 0 Error

🗉 Feedback

🌐 English (US)

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c. Enabling static website

The screenshot shows the AWS S3 Management Console interface. The browser address bar displays the URL: `s3.console.aws.amazon.com/s3/buckets/elchapo/?region=us-east-2&tab=properties`. The console header includes the AWS logo, navigation links for 'Services' and 'Resource Groups', and a user profile for 'prashikshende007@gmail.com'.

The main content area features a tabbed interface with 'Overview', 'Properties', 'Permissions', 'Management', and 'Access points'. The 'Properties' tab is active, showing several configuration options, each with a 'Learn more' link and a 'Disabled' toggle:

- Versioning**: Keep multiple versions of an object in the same bucket.
- Server access logging**: Set up access log records that provide details about access requests.
- Static website hosting**: This modal is open, showing the configuration for the bucket's endpoint: `http://elchapo.s3-website-us-east-2.amazonaws.com`. It includes fields for the 'Index document' (set to `index.html`) and 'Error document' (set to `error.html`). A 'Redirection rules (optional)' section is also present. At the bottom, there are radio buttons for 'Redirect requests', 'Disable website hosting', and 'Bucket hosting' (which is selected).
- Object-level logging**: Record object-level API activity using the CloudTrail data events feature (additional cost).
- Default encryption**: Automatically encrypt objects when stored in Amazon S3.

The bottom status bar indicates 'Operations' with '0 In progress', '1 Success', and '0 Error'. The footer contains a 'Feedback' link, the language 'English (US)', and copyright information: '© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use'.

d. Making the object public

Instances | EC2 Management Console

S3 Management Console

18.216.235.185

← → ↺

s3.console.aws.amazon.com/s3/buckets/elchapo/?region=us-east-2&tab=permissions

🔍 ☆ 0 🍪 👤

Apps

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Google

(1) YouTube

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Global ▾

Support ▾

Amazon S3 > elchapo

elchapo

Overview

Properties

Permissions

Management

Access points

Block public access

Access Control List

Bucket Policy

CORS configuration

Block public access (bucket settings)

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 all your S3 buckets and 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 your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

✔ Public access settings updated successfully

X

Block all public access

Off

Edit

– Block public access to buckets and objects granted through new access control lists (ACLs)

Off

Block public access to buckets and objects granted through any access control lists (ACLs)

Off

– Block public access to buckets and objects granted through new public bucket or access point policies

Off

Block public and cross-account access to buckets and objects through any public bucket or access point policies

Off

Amazon S3 > elchapo > index.html

index.html

Latest version ▾

Overview

Properties

Permissions

Select from

Success

- Open
- Download
- Download as
- Make public
- Copy path

Owner

c120b198108d3770af1712edc00ad0bc1b858148a372b2b588e4f600cb0946fc

Last modified

Mar 29, 2020 8:49:14 PM GMT+0530

Etag

737df8978d3846878c781a5e8afaaad1

Storage class

Standard

Server-side encryption

None

Size

107.0 B

Key

index.html

Object URL

https://elchapo.s3.us-east-2.amazonaws.com/index.html

e. Checking the S3 link on browser



My First Project

My Face detection application.

3. Rekognition

a. Face detection

aws

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🔍

🔔

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Ohio ▾

Support ▾

Amazon Rekognition

Custom Labels ^{New}

Use Custom Labels

Demos

Object and scene detection

Image moderation

Facial analysis

Celebrity recognition

Face comparison

Text in image

Video Demos


Video analysis

Metrics



Metrics

Additional Resources

Getting started guide



Choose a sample image



Use your own image

Image must be .jpeg or .png format and no larger than 5MB. Your image isn't stored.


Upload

or drag and drop

Use image URL



Go


▼ Results



looks like a face	100 %
appears to be male	99.5 %
age range	35 - 51 years old
smiling	98.3 %
appears to be happy	91.7 %
not wearing glasses	99.7 %
not wearing sunglasses	99.9 %
eyes are open	99.9 %
mouth is open	97.4 %
does not have a mustache	80.1 %
has a beard	92.9 %

b. Face compare

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Getting started guide

Face comparison

Compare faces to see how closely they match based on a similarity percentage.




Reference face


Comparison faces



Done with the demo?
[Learn more](#)

▼ Results







Similarity 98.5 %


► Request


► Response

Choose a sample image

Choose a sample image



c. Celebrity recognition



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 Upload

or drag and drop


Use image URL

Go

Done with the demo?

[Learn more](#)

▼ Results





Conor McGregor
[Learn More](#)


Match confidence99 %

► Request

► Response

d. Text in image

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Metrics

Additional Resources

Getting started guide

Text in image

Rekognition automatically detects and extracts text in your images. [Learn More](#)



Choose a sample image

Use your own image

Done with the demo?
[Learn more](#)

▼ Results US English only

You | Look | Like

Girlfriend....

My

Next

► Request

► Response

4. EC2 and S3

a. Installing aws-sdk

ec2-user@ip-172-31-0-103:/var/www/html/face

```

  _ | _ | _ )
  _ | ( _ _ /  Amazon Linux 2 AMI
  _ |\ _ | _ |

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 7 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-0-103 ~]$ Install php - sudo yum install php
-bash: Install: command not found
[ec2-user@ip-172-31-0-103 ~]$ sudo yum install php
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 2.4 kB 00:00
Package php-5.4.16-46.amzn2.0.2.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-0-103 ~]$ curl -sS https://getcomposer.org/installer | php
All settings correct for using Composer
Downloading...

Composer (version 1.10.1) successfully installed to: /home/ec2-user/composer.phar
r
Use it: php composer.phar

[ec2-user@ip-172-31-0-103 ~]$ cd /var/www/html
[ec2-user@ip-172-31-0-103 html]$ sudo mkdir face
mkdir: cannot create directory 'face': File exists
[ec2-user@ip-172-31-0-103 html]$ cd face
[ec2-user@ip-172-31-0-103 face]$ sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php
Using version ^2.8 for aws/aws-sdk-php
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Nothing to install or update
Package guzzle/guzzle is abandoned, you should avoid using it. Use guzzlehttp/guzzle instead.
Generating autoload files
[ec2-user@ip-172-31-0-103 face]$
```

b. Installing php

ec2-user@ip-172-31-0-103:/var/www/html/face

login as: ec2-user

Authenticating with public key "imported-openssh-key"

Last login: Sun Mar 29 14:26:57 2020 from 42.108.230.104

```
 _ | _ | _ )
 _ | ( _ /   Amazon Linux 2 AMI
 _ |\ _ | _ |
```

<https://aws.amazon.com/amazon-linux-2/>

1 package(s) needed for security, out of 7 available

Run "sudo yum update" to apply all updates.

[ec2-user@ip-172-31-0-103 ~]\$ Install php - sudo yum install php

-bash: Install: command not found

[ec2-user@ip-172-31-0-103 ~]\$ sudo yum install php

Loaded plugins: extras_suggestions, langpacks, priorities, update-motd

amzn2-core | 2.4 kB 00:00

Package php-5.4.16-46.amzn2.0.2.x86_64 already installed and latest version

Nothing to do

[ec2-user@ip-172-31-0-103 ~]\$ curl -sS <https://getcomposer.org/installer> | php

All settings correct for using Composer

Downloading...

Composer (version 1.10.1) successfully installed to: /home/ec2-user/composer.pha

r

Use it: php composer.phar

[ec2-user@ip-172-31-0-103 ~]\$ cd /var/www/html

[ec2-user@ip-172-31-0-103 html]\$ sudo mkdir face

mkdir: cannot create directory 'face': File exists

[ec2-user@ip-172-31-0-103 html]\$ cd face

[ec2-user@ip-172-31-0-103 face]\$

c. Installing-php file code

ec2-user@ip-172-31-0-103:~

```
$result = $s3->putObject([
    'Bucket'      => $bucket,
    'Key'         => $keyname,
    'SourceFile'  => __DIR__ . "/" . $keyname,
    'ACL'         => 'public-read'
]);

// Print the URL to the object.
$imageUrl = $result['ObjectURL'];
if($imageUrl) {
    echo "Image upload done... Here is the URL: " . $imageUrl;

    $rekognition = new RekognitionClient([
        'region'    => 'us-east-2',
        'version'   => 'latest',
    ]);

    $result = $rekognition->detectFaces([
        'Attributes' => ['DEFAULT'],
        'Image' => [
            'S3Object' => [
                'Bucket' => $bucket,
                'Name'   => $keyname,
                'Key'    => $keyname,
            ],
        ],
    ]);

    echo "Totally there are " . count($result["FaceDetails"]) . " faces";
}
} catch (Exception $e) {
    echo $e->getMessage() . PHP_EOL;
}
```


d. Uploading success screenshot

ec2-user@ip-172-31-0-103:/var/www/html/face

— □ ×

```
 _ | _ | )
 _ | ( _ /  Amazon Linux 2 AMI
 _ | \ _ | _ |
```

```
https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 7 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-0-103 ~]$ cd /var/www/html
[ec2-user@ip-172-31-0-103 html]$ cd face
[ec2-user@ip-172-31-0-103 face]$
[ec2-user@ip-172-31-0-103 face]$ sudo wget https://i.pinimg.com/originals/b9/7e/
a3/b97ea33b5842c7894b804923c6c05580.jpg
--2020-03-29 14:27:27-- https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c78
94b804923c6c05580.jpg
Resolving i.pinimg.com (i.pinimg.com)... 23.210.196.239, 2a04:4e42:3b::84
Connecting to i.pinimg.com (i.pinimg.com)|23.210.196.239|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 215551 (210K) [image/jpeg]
Saving to: 'b97ea33b5842c7894b804923c6c05580.jpg'

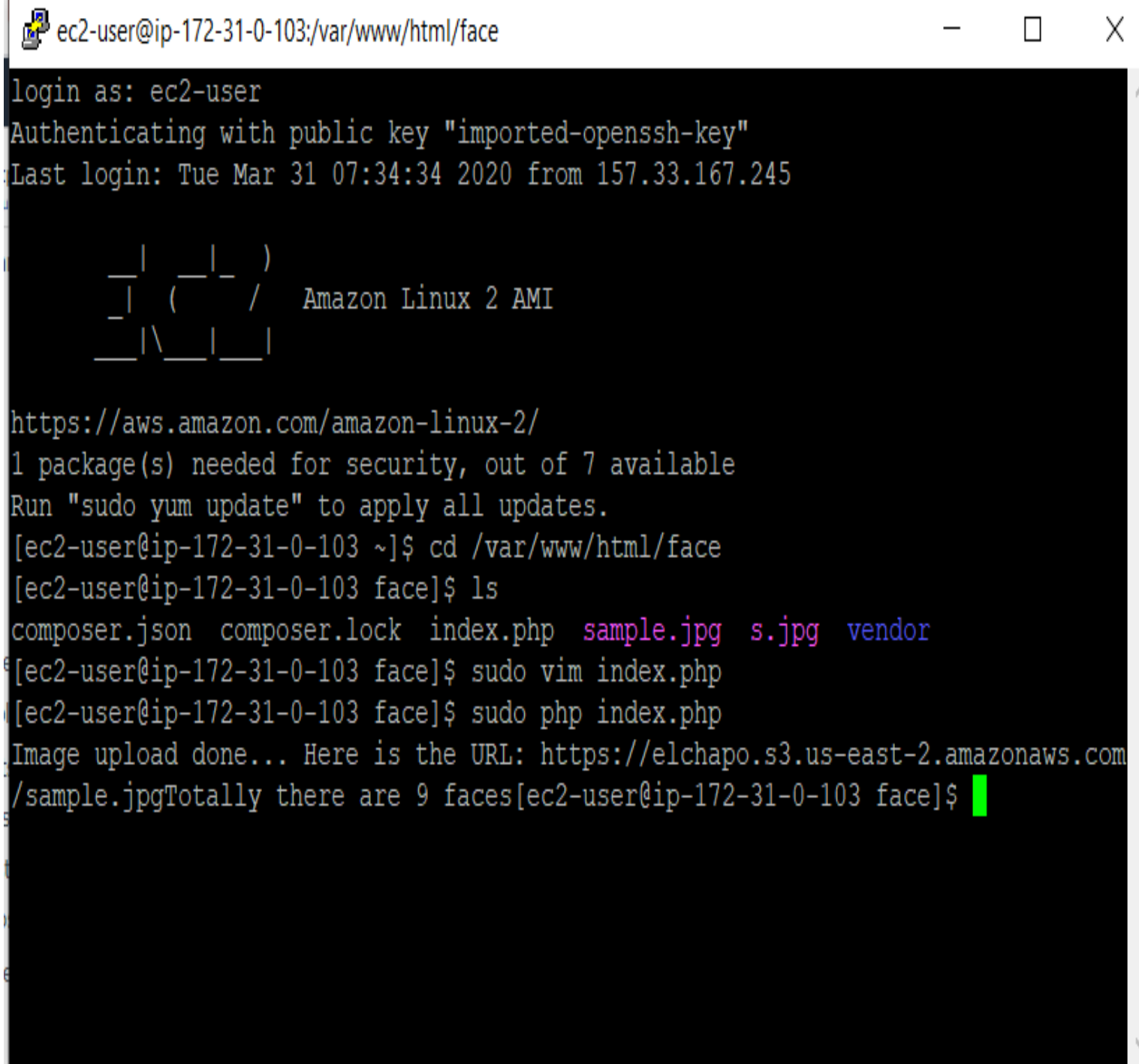
100%[=====>] 215,551 --.-K/s in 0.04s

2020-03-29 14:27:27 (4.91 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg' saved [
215551/215551]

[ec2-user@ip-172-31-0-103 face]$ sudo mv b97ea33b5842c7894b804923c6c05580.jpg sa
mple.jpg
[ec2-user@ip-172-31-0-103 face]$ ls
composer.json composer.lock index.php sample.jpg s.jpg vendor
[ec2-user@ip-172-31-0-103 face]$ sudo rm index.php
[ec2-user@ip-172-31-0-103 face]$ sudo vim index.php
[ec2-user@ip-172-31-0-103 face]$ sudo php index.php
Image upload done... Here is the URL: https://elchapo.s3.us-east-2.amazonaws.com
[ec2-user@ip-172-31-0-103 face]$
```

5. EC2 & Reckognition

Face detect success screenshot



```
ec2-user@ip-172-31-0-103:/var/www/html/face
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Last login: Tue Mar 31 07:34:34 2020 from 157.33.167.245

  _ | _ | _ )
  _ | ( _ /   Amazon Linux 2 AMI
  _ |\ _ | _ |

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 7 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-0-103 ~]$ cd /var/www/html/face
[ec2-user@ip-172-31-0-103 face]$ ls
composer.json  composer.lock  index.php  sample.jpg  s.jpg  vendor
[ec2-user@ip-172-31-0-103 face]$ sudo vim index.php
[ec2-user@ip-172-31-0-103 face]$ sudo php index.php
Image upload done... Here is the URL: https://elchapo.s3.us-east-2.amazonaws.com
/sample.jpgTotally there are 9 faces[ec2-user@ip-172-31-0-103 face]$
```