

# AWS LOGIN SCREEN WITH USERNAME:

AWS Management Console    +

us-east-2.console.aws.amazon.com/console/home?region=us-east-2#

AWS Services    Resource Groups    Support

Harini0516    Ohio

## AWS Management Console

### AWS services

**Find Services**  
You can enter names, keywords or acronyms.

**Recently visited services**

- EC2
- S3
- Amazon Rekognition
- IAM
- Billing

**All services**

**Build a solution**  
Get started with simple wizards and automated workflows.

**Launch a virtual machine**  
With EC2  
2-3 minutes

**Build a web app**  
With Elastic Beanstalk  
6 minutes

**Build using virtual servers**  
With Lightsail  
1-2 minutes

### Access resources on the go

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

### Explore AWS

**Amazon SageMaker Studio**  
The first visual integrated development environment for machine learning.  
[Learn more](#)

**Amazon EMR**  
The EMR runtime for Apache Spark is up to 32X faster, delivering improved performance and lowering costs. [Learn more](#)

**Amazon EFS Infrequent Access**  
Reduce cloud file storage costs by up to 92%.  
[Learn more](#)

# EC2 DASHBOARD :

The screenshot shows the AWS EC2 Management Console interface. At the top, there's a blue banner with the message: "Welcome to the new EC2 console! We're redesigning the EC2 console to make it easier to use and improve performance. We'll release new screens periodically. We encourage you to try them and let us know where we can make improvements. To switch between the old console and the new console, use the New EC2 Experience toggle." Below the banner, the main dashboard is divided into several sections:

- Resources**: A summary of Amazon EC2 resources in the US East (Ohio) Region:
  - Running instances: 0
  - Elastic IPs: 0
  - Dedicated Hosts: 0
  - Snapshots: 0
  - Volumes: 0
  - Load balancers: 0
  - Key pairs: 0
  - Security groups: 1
  - Placement groups: 0
- Account attributes**: Lists supported platforms (VPC), default VPC (vpc-87c712ec), and links for console experiments and settings.
- Explore AWS**: Promotions for spot instances and auto scaling.
- Launch instance**: A button to start a new instance.
- Service health**: A section showing the status of various services.

The left sidebar contains navigation links for EC2 Dashboard, Events, Tags, Reports, Limits, Instances (with sub-links for Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, and Capacity Reservations), Images (AMIs, Bundle Tasks), and Elastic Block Store (Volumes).

# S3 DASHBOARD :

The screenshot shows the AWS S3 Management Console dashboard. At the top, there is a blue banner with a message: "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." Below the banner, the main title "Amazon S3" is displayed. On the left sidebar, under the "Buckets" section, there are links for "Batch operations", "Access analyzer for S3", "Block public access (account settings)", and "Feature spotlight". The main content area is titled "Buckets (0)". It features a search bar labeled "Find bucket by name" and a table header with columns: "Name", "Region", "Access", and "Bucket created". Below the table, a message says "No buckets" and "You don't have any buckets." A prominent orange "Create bucket" button is located at the bottom of this section. The bottom of the page includes standard AWS footer links: "Feedback", "English (US)", "© 2008 - 2020, Amazon Internet Services Private Ltd, or its affiliates. All rights reserved.", "Privacy Policy", and "Terms of Use".

# REKOGNITION DASHBORAD:

The screenshot shows the Amazon Rekognition console homepage. The top navigation bar includes the AWS logo, Services dropdown, Resource Groups dropdown, a bell icon for notifications, user information (Harini0516, Ohio), and Support links. The left sidebar lists various features under the "Amazon Rekognition" heading, such as Custom Labels, Demos, and Metrics. The main content area features a large banner with the text "Amazon Rekognition" and "Deep learning-based visual analysis service. Search, verify, and organize millions of images and videos". It includes two buttons: "Try Demo" and "Download SDKs". Below the banner are three sections: "Easily Integrate Powerful Visual Analysis into Your App" (with a stack of squares icon), "Continuously Learning" (with a neural network icon), and "Integrated with AWS Services" (with a puzzle piece icon). The footer contains copyright information and links to Feedback, English (US) language settings, Privacy Policy, and Terms of Use.

Rekognition Console

us-east-2.console.aws.amazon.com/rekognition/home?region=us-east-2#/

AWS Services Resource Groups

Harini0516 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

Download SDKs

Feedback English (US)

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## 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 visual recognition capabilities by making powerful

### 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 also run real-time

# CHOOSING AN AMI:

Launch instance wizard | EC2 Manager

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

aws Services Resource Groups

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

Step 1: Choose an Amazon Machine Image (AMI) Cancel and Exit

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

AMIs	Description	Actions
My AMIs		
AWS Marketplace	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	<input checked="" type="radio"/> 64-bit (x86) <input type="radio"/> 64-bit (Arm)
Community AMIs		
<input type="checkbox"/> Free tier only <span style="color: #0070C0;">(i)</span>		
Amazon Linux	Amazon Linux 2018.03.0 (HVM), SSD Volume Type - ami-01b01bbd08f24c7a8 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	<input type="checkbox"/> Select 64-bit (x86)
Red Hat	Red Hat Enterprise Linux 8 (HVM), SSD Volume Type - ami-0520e698dd500b1d1 (64-bit x86) / ami-0099847d600887c9f (64-bit Arm) Red Hat Enterprise Linux version 8 (HVM), EBS General Purpose (SSD) Volume Type Root device type: ebs Virtualization type: hvm ENA Enabled: Yes	<input type="checkbox"/> Select 64-bit (x86) <input type="checkbox"/> 64-bit (Arm)

# CHOOSING AN INSTANCE TYPE:

Launch instance wizard | EC2 Mar X +

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

Services Resource Groups

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
<input type="checkbox"/>	General purpose	t3a.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

# ADDING STORAGE:

The screenshot shows the AWS Launch Instance Wizard at Step 4: Add Storage. The URL is [us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard](https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard). The navigation bar includes AWS, Services, Resource Groups, and a user profile for Harini0516.

**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	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.

Buttons at the bottom: Cancel, Previous, **Review and Launch**, Next: Add Tags.

# CONFIGURING SECURITY GROUP:

The screenshot shows the AWS Launch Instance Wizard at Step 6: Configure Security Group. The browser address bar shows the URL: us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard. The AWS navigation bar includes Services, Resource Groups, and a user profile for Harini0516.

**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:** launch-wizard-1

**Description:** launch-wizard-1 created 2020-03-30T17:11:40.670+05:30

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

# KEYPAIR DOWNLOAD:

Launch instance wizard | EC2 Mar +

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

AWS Services Resource Groups

Harini0516 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**

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

**AMI Details**

**Amazon Linux 2 AMI (HVM), SSD Volume**  
Free tier eligible

Amazon Linux 2 comes with five years support. It provides access to the latest security patches and updates through extras.

Root Device Type: ebs Virtualization type: hvm

**Instance Type**

Instance Type	ECUs	vCPUs
t2.micro	Variable	1

**Security Groups**

**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: aws\_harini  
**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**

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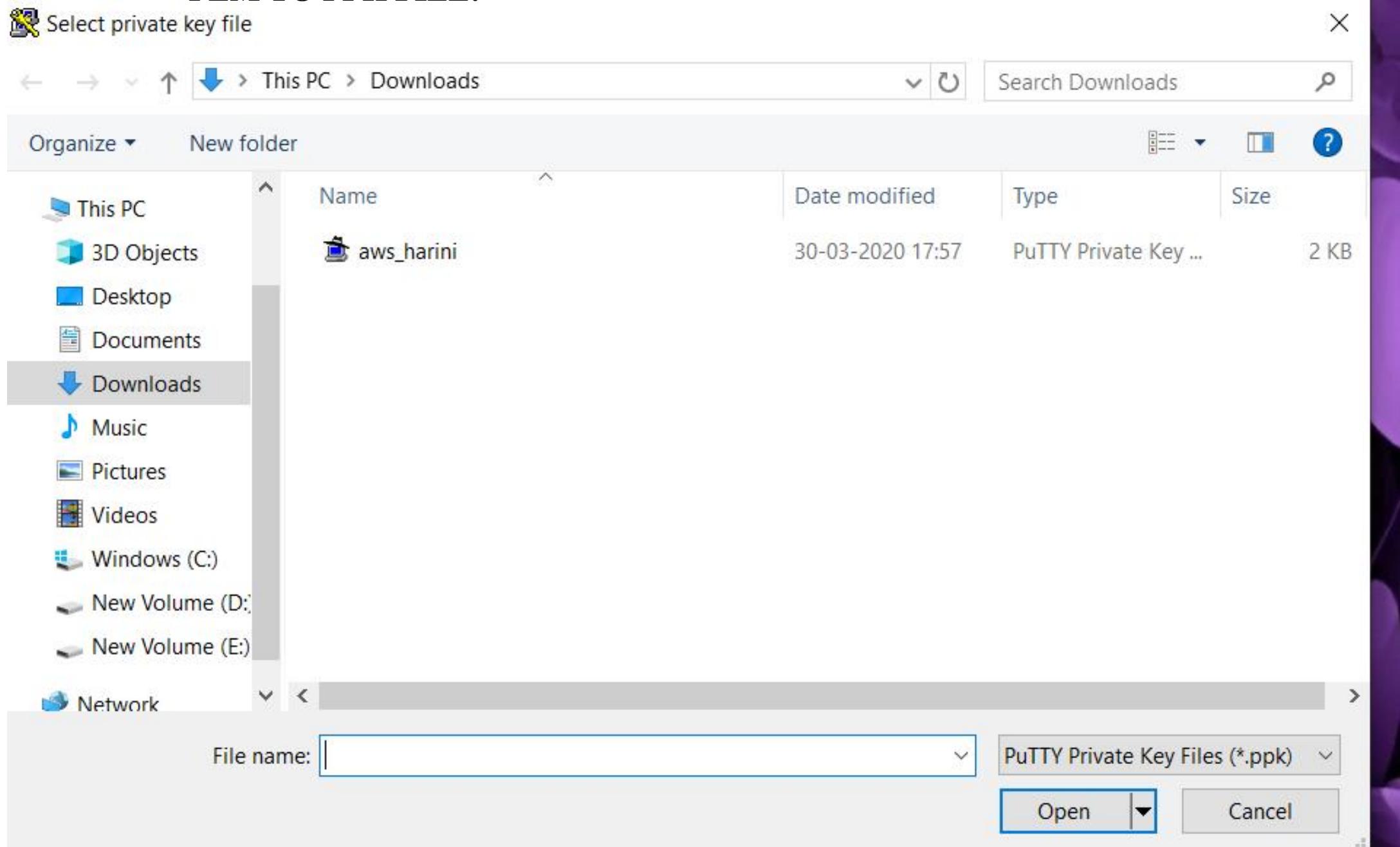
aws\_harini.pem Show all

# PUTTYGEN CONVERSION:

A screenshot of a Windows File Explorer window titled 'Downloads'. The window shows a list of files and folders in the 'Downloads' folder. A red arrow points to a file named 'aws\_harini.pem'.

Name	Date modified	Type	Size
6.4.3.3 Packet Tracer - Connect a Router t...	07-10-2019 20:46	Cisco Packet Tracer	267 KB
7.2.4.9 Packet Tracer - Configuring IPv6 A...	07-10-2019 21:31	Cisco Packet Tracer	326 KB
7.3.2.5 Packet Tracer - Verifying IPv4 and I...	07-10-2019 18:37	Cisco Packet Tracer	260 KB
8.1.4.7 Packet Tracer - Subnetting Scenario	06-10-2019 07:31	Cisco Packet Tracer	296 KB
8.2.1.4 Packet Tracer - Designing and Imp...	06-10-2019 07:31	Cisco Packet Tracer	121 KB
95812	23-03-2020 07:59	Microsoft Word 97...	454 KB
95920	07-03-2020 06:29	Microsoft Word 97...	2,471 KB
95989 (1)	08-03-2020 18:18	Microsoft Edge PD...	4,776 KB
95989	29-02-2020 22:07	Microsoft Edge PD...	4,776 KB
95990	29-02-2020 22:07	Microsoft Edge PD...	1,551 KB
97062	23-03-2020 07:59	Microsoft Word D...	5,707 KB
97083	29-02-2020 22:07	Microsoft Edge PD...	1,688 KB
97273	07-03-2020 06:31	Microsoft Word D...	19 KB
97275	08-03-2020 12:01	Microsoft Edge PD...	447 KB
97276	08-03-2020 12:01	Microsoft Edge PD...	511 KB
97279	23-03-2020 07:58	Microsoft Word 97...	2,160 KB
97283	08-03-2020 12:01	Microsoft Edge PD...	1,053 KB
97322	23-03-2020 07:58	Microsoft Edge PD...	4,735 KB
20200309135552	09-03-2020 20:42	Microsoft Edge PD...	21,869 KB
Assignment 2 questions in vlsi	08-03-2020 12:09	Microsoft Word D...	8 KB
aws_harini.pem	30-03-2020 17:15	PEM File	2 KB
aws_harini	30-03-2020 17:57	PutTY Private Key ...	2 KB
EC6802 - By EasyEngineering.net (2)	27-02-2020 09:03	Microsoft Edge PD...	3,381 KB
EC6802 - By EasyEngineering.net	27-02-2020 09:03	Microsoft Edge PD...	3,381 KB
Harinil-Module 1-certificate	05-01-2020 12:53	Microsoft Edge PD...	22 KB
Harinil-Module 1-letter	05-01-2020 12:54	Microsoft Edge PD...	25 KB
PacketTracer-7.2.2-win64-setup	05-10-2019 10:34	Application	1,20,168 KB
putty-64bit-0.73-installer	30-03-2020 17:33	Windows Installer ...	3,094 KB

## PEM TO PPK FILE:



## LOGGED INTO EC2 BLACKSCREEN:



A screenshot of a PuTTY terminal window titled "52.14.223.2 - PuTTY". The window shows a black terminal session with the text "login as: ec2-user" visible at the top left. The rest of the screen is entirely black, indicating a blank or unresponsive terminal session.



ec2-user@ip-172-31-3-219:~

— □ ×

```
sudo: vim/var/www/html/index.html: command not found
[ec2-user@ip-172-31-3-219 ~]$ 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 Mon 2020-03-30 12:41:32 UTC; 7min ago
       Docs: man:httpd.service(8)
   Main PID: 32557 (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
            └─32557 /usr/sbin/httpd -DFOREGROUND
              ├─32558 /usr/sbin/httpd -DFOREGROUND
              ├─32559 /usr/sbin/httpd -DFOREGROUND
              ├─32560 /usr/sbin/httpd -DFOREGROUND
              ├─32561 /usr/sbin/httpd -DFOREGROUND
              └─32562 /usr/sbin/httpd -DFOREGROUND
```

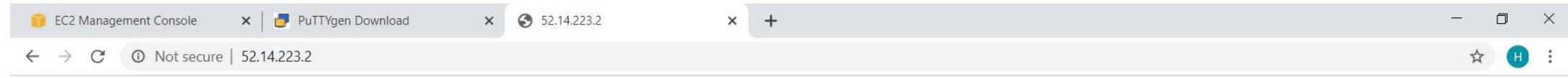
```
Mar 30 12:41:32 ip-172-31-3-219.us-east-2.compute.internal systemd[1]: Starti...
```

```
Mar 30 12:41:32 ip-172-31-3-219.us-east-2.compute.internal systemd[1]: Starte...
```

```
Hint: Some lines were ellipsized, use -l to show in full.
```

```
[ec2-user@ip-172-31-3-219 ~]$ sudo vim /var/www/html/index.html
```

```
[ec2-user@ip-172-31-3-219 ~]$
```



Hai bala,this is harini.We going to get aws certificate from ethnus.

# CREATING A BUCKET:

The screenshot shows the AWS S3 Management Console interface. At the top, there's a banner message: "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." Below this, a green success notification states: "Successfully created bucket awsharini. To upload files and folders, or to configure additional bucket settings such as Bucket Versioning, tags, and default encryption, choose Go to bucket details." On the left sidebar, under the "Buckets" section, there are links for "Batch operations" and "Access analyzer for S3". Below that, there's a link for "Block public access (account settings)". At the bottom of the sidebar, there's a "Feature spotlight" section with a blue badge containing the number "2". The main content area is titled "Amazon S3" and shows a table titled "Buckets (1)". The table has columns: Name, Region, Access, and Bucket created. It lists one item: "awsharini" (Region: US East (Ohio) us-east-2, Access: Not Public, Bucket created: 2020-03-30T13:20:28.000Z). There are buttons for "Copy ARN", "Empty", "Delete", and "Create bucket". A search bar at the top of the table says "Find bucket by name". The bottom navigation bar includes links for "Feedback", "English (US)", "Privacy Policy", and "Terms of Use".

Name	Region	Access	Bucket created
awsharini	US East (Ohio) us-east-2	Not Public	2020-03-30T13:20:28.000Z

S3 Management Console x +

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

AWS Services Resource Groups star H ...

Amazon S3 > awsharini

## awsharini

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) refresh

Name	Last modified	Size	Storage class
index.html	Mar 30, 2020 7:10:31 PM GMT+0530	265.0 B	Standard

Viewing 1 to 1

Operations 0 In progress 1 Success 0 Error

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# UPLOADING OBJECT:

The screenshot shows the AWS S3 Management Console interface for uploading an object named "index.html".

The main navigation bar includes the AWS logo, Services (dropdown), Resource Groups (dropdown), and user information (Harini0516, Global, Support).

The left sidebar shows the bucket "awsharini" and its Overview tab is selected.

A modal window titled "Upload" is open, divided into four steps:

- ① Select files: Shows the file "index.html" (265.0 B) selected.
- ② Set permissions: Not yet completed.
- ③ Set properties: Not yet completed.
- ④ Review: Not yet completed.

Below the steps, it says "1 Files Size: 265.0 B Target path: awsharini".

A note states: "To upload a file larger than 160 GB, use the AWS CLI, AWS SDK, or Amazon S3 REST API. [Learn more](#)".

Buttons include "Upload" (disabled for large files), "+ Add more files", and "Next".

A message at the bottom left says: "Buckets are good places to store your data".

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# ENABLING STATIC WEBSITE:

The screenshot shows the AWS S3 Management Console interface. At the top, there's a navigation bar with tabs for 'Services' and 'Resource Groups'. On the left, there are two cards: 'Versioning' (disabled) and 'Server access logging' (disabled). A large modal window titled 'Static website hosting' is open on the right. Inside the modal, the 'Endpoint' is listed as <http://awsharini.s3-website.us-east-2.amazonaws.com>. There are three options: 'Use this bucket to host a website' (selected), 'Index document' (set to 'index.html'), and 'Error document' (set to 'error.html'). Below these are sections for 'Redirection rules (optional)' (empty) and 'Bucket hosting' (selected). At the bottom right of the modal are 'Cancel' and 'Save' buttons.

S3 Management Console

Services Resource Groups

Harini0516 Global Support

Versioning

Keep multiple versions of an object in the same bucket.

Learn more

Disabled

Server access logging

Set up access log records that provide details about access requests.

Learn more

Disabled

Static website hosting

Endpoint : <http://awsharini.s3-website.us-east-2.amazonaws.com>

Use this bucket to host a website [Learn more](#)

Index document [i](#)

index.html

Error document [i](#)

error.html

Redirection rules (optional)

Redirect requests [Learn more](#)

Disable website hosting

Bucket hosting

Cancel Save

S3 Management Console x 403 Forbidden x | +

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

aws Services Resource Groups ... Harini0516 Global Support ...

## awsharini

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](#)

**Block all public access**

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

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

S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

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

S3 will ignore all ACLs that grant public access to buckets and objects.

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

S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

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

S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

Cancel Save

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# MAKING OBJECT PUBLIC:

S3 Management Console    403 Forbidden

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

aws Services Resource Groups

Harini0516 Global Support

awsharini

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

Block all public access

Off

- 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

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S3 Management Console    x    403 Forbidden    x | +

s3.console.aws.amazon.com/s3/object/awsharini/index.html?region=us-east-2&tab=overview

aws Services Resource Groups ▾

Amazon S3 > awsharini > index.html

index.html Latest version ▾

Overview Properties Permissions Select from

Success

Open Download Download as Make public Copy path

**Owner**  
58dac4c16f67d49824c5819f3d92d3e1f2bb61c6a76f1bb7d96bf8a7f718bbcb

**Last modified**  
Mar 30, 2020 7:10:31 PM GMT+0530

**Etag**  
e9299085052992b6004fef702c505f26

**Storage class**  
Standard

**Server-side encryption**  
None

**Size**  
265.0 B

Operations    0 In progress    2 Success    0 Error

Feedback English (US)

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S3 Management Console x 403 Forbidden x | +

s3.console.aws.amazon.com/s3/object/awsharini/index.html?region=us-east-2&tab=overview ☆ H :

AWS Services Resource Groups Global Support

Amazon S3 > awsharini > index.html

index.html Latest version ▾

**Overview** **Properties** **Permissions** **Select from**

Open Download Download as Make public Copy path

**Owner**  
58dac4c16f67d49824c5819f3d92d3e1f2bb61c6a76f1bb7d96bf8a7f718bbeb

**Last modified**  
Mar 30, 2020 7:10:31 PM GMT+0530

**Etag**  
e9299085052992b6004fef702c505f26

**Storage class**  
Standard

**Server-side encryption**  
None

**Size**  
265.0 B

**Key**  
index.html

**Object URL**  
<https://awsharini.s3.us-east-2.amazonaws.com/index.html>

## CHECKING S3 LINK ON BROWSER:



Hai bala,this is harini.we going to get aws certificate.



# FACE COMPARISON:

Rekognition Console    b97ea33b5842c7894b804923c6c    Google Search    Mahendra Singh Dhoni: Why after

us-east-2.console.aws.amazon.com/rekognition/home?region=us-east-2#/face-comparison

AWS Services Resource Groups

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

Feedback English (US)

## 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

Face	Face	Similarity
		99.7 %
		≠
		≠

Choose a sample image



Choose a sample image



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b97ea33b5842c7894b804923c6c.jpg 1.png 1.html Show all

# FACE ANALYSIS:

Rekognition Console    b97ea33b5842c7894b804923c6c    dhoni images - Google Search    Mahendra Singh Dhoni: Why after

us-east-2.console.aws.amazon.com/rekognition/home?region=us-east-2#/face-detection

aws Services Resource Groups

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

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## Facial analysis

Get a complete analysis of facial attributes, including confidence scores.



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

Results

	looks like a face	100 %
	appears to be male	99.8 %
	age range	27 - 43 years old
	not smiling	88.4 %
	appears to be calm	89.1 %
	not wearing glasses	96.2 %
	not wearing sunglasses	98.9 %
	eyes are open	99.6 %

b97ea33b5842c7894b804923c6c.jpg ^ 1.png ^ 1.html ^ Show all X

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# CELEBRITY RECOGNITION:

Rekognition Console    b97ea33b5842c7894b804923c6c    dhoni images - Google Search    Mahendra Singh Dhoni: Why after

← → C Reload this page    Resource Groups    +

aws Services    Harini0516    Ohio    Support

Image moderation  
Facial analysis  
**Celebrity recognition**  
Face comparison  
Text in image  
Video Demos  
Video analysis  
Metrics  
Metrics  
Additional Resources  
Getting started guide  
Download SDKs  
Developer resources  
Pricing  
FAQ  
Forum

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

## Celebrity recognition

Rekognition automatically recognizes celebrities in images and provides confidence scores.



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

▼ Results

 **MS Dhoni**  
Match confidence 98 %

 **Ajinkya Rahane**  
Match confidence 100 %

 **Virat Kohli**

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# TEXT IN IMAGE:

Rekognition Console    b97ea33b5842c7894b804923c6c    dhoni images - Google Search    ET Mahendra Singh Dhoni: Why after

us-east-2.console.aws.amazon.com/rekognition/home?region=us-east-2#/text-detection

Services    Resource Groups

Image moderation  
Facial analysis  
Celebrity recognition  
Face comparison  
**Text in image**  
Video Demos  
Video analysis  
Metrics  
Additional Resources  
Getting started guide  
Download SDKs  
Developer resources  
Pricing  
FAQ  
Forum

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

Results    US English only

Star	Star	tar	Star			
Star	kStar	Star	IA	IN	IA	Star
DIA	NDIA	NDVA	INDIA	DIA	I	DIA

Request  
Response

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.  
 or drag and drop

Feedback    English (US)

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b97ea33b5842c7894b804923c6c.jpg    1.png    1.html

# INSTALLING AWS-SDK:

```
[ec2-user@ip-172-31-3-219:~]$ cd /var/www/html/face
[ec2-user@ip-172-31-3-219:~]$ curl -s 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
Use it: php composer.phar

[ec2-user@ip-172-31-3-219:~]$ cd /var/www/html
[ec2-user@ip-172-31-3-219:~]$ cd face
[ec2-user@ip-172-31-3-219:~]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-3-219:~]$ sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php
Using version ^3.133 for aws/aws-sdk-php
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 0 installs, 1 update, 0 removals
  - Updating aws/aws-sdk-php (3.133.46 => 3.133.47): Downloading (100%)
Writing lock file
Generating autoload files
1 package you are using is looking for funding.
Use the `composer fund` command to find out more!
[ec2-user@ip-172-31-3-219:~]$
```



```
ec2-user@ip-172-31-3-219:~$ cd /var/www/html/face
Authenticating with public key "imported-openssh-key"
Last login: Mon Mar 30 17:19:06 2020 from 157.51.67.54
[ec2-user@ip-172-31-3-219 ~]$ 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
Use it: php composer.phar

[ec2-user@ip-172-31-3-219 ~]$ cd /var/www/html
[ec2-user@ip-172-31-3-219 html]$ cd face
[ec2-user@ip-172-31-3-219 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-3-219 face]$ sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php
Using version ^3.133 for aws/aws-sdk-php
./composer.json has been updated
Loading composer repositories with package information
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1 package you are using is looking for funding.
Use the `composer fund` command to find out more!
[ec2-user@ip-172-31-3-219 face]$
[ec2-user@ip-172-31-3-219 face]$ sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
--2020-03-31 08:48:20-- https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
Resolving i.pinimg.com (i.pinimg.com)... 23.62.24.79, 2600:1408:20:a89::1931, 26
00:1408:20:a98::1931, ...
Connecting to i.pinimg.com (i.pinimg.com)|23.62.24.79|: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

2020-03-31 08:48:20 (5.19 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg' saved
[215551/215551]

[ec2-user@ip-172-31-3-219 face]$
```

# INSTALLING PHP:

```
ec2-user@ip-172-31-3-219:/var/www/html/face

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-3-219 ~]$ 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
Use it: php composer.phar

[ec2-user@ip-172-31-3-219 ~]$ cd /var/www/html
[ec2-user@ip-172-31-3-219 html]$ cd face
[ec2-user@ip-172-31-3-219 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-3-219 face]$ sudo php -d memory_limit=-1 ~/composer.phar req
uire aws/aws-sdk-php
Using version ^3.133 for aws/aws-sdk-php
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 0 installs, 1 update, 0 removals
  - Updating aws/aws-sdk-php (3.133.46 => 3.133.47): Downloading (100%)
Writing lock file
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1 package you are using is looking for funding.
Use the `composer fund` command to find out more!
[ec2-user@ip-172-31-3-219 face]$
[ec2-user@ip-172-31-3-219 face]$ sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
--2020-03-31 08:48:20-- https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
Resolving i.pinimg.com (i.pinimg.com)... 23.62.24.79, 2600:1408:20:a89::1931, 26
00:1408:20:a98::1931, ...
Connecting to i.pinimg.com (i.pinimg.com)|23.62.24.79|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 215551 (210K) [image/jpeg]
Saving to: 'b97ea33b5842c7894b804923c6c05580.jpg.4'

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

2020-03-31 08:48:20 (5.19 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg.4' saved
[215551/215551]

[ec2-user@ip-172-31-3-219 face]$ ls
b97ea33b5842c7894b804923c6c05580.jpg  composer.json
b97ea33b5842c7894b804923c6c05580.jpg.1  composer.lock
b97ea33b5842c7894b804923c6c05580.jpg.2  index.php
b97ea33b5842c7894b804923c6c05580.jpg.3  sample.jpg
b97ea33b5842c7894b804923c6c05580.jpg.4  vendor
[ec2-user@ip-172-31-3-219 face]$
```

## INDEX.PHP FILE CODE:

```
ec2-user@ip-172-31-3-219:/var/www/html/face
[ec2-user@ip-172-31-3-219 face]$ sudo vim index.php
use Aws\Rekognition\RekognitionClient;

$bucket = 'awsharini';
$keyname = 'b97ea33b5842c7894b804923c6c05580.jpg';

$s3 = new S3Client([
    'region'      => 'us-east-2',
    'version'     => '2006-03-01',
    'signature'   => 'v4'
]);

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

    // 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;
}

~
```



Type here to search 14:24 ENG 31-03-2020

PUTTY (inactive)

```
All settings correct for using Composer
Downloading...

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

[ec2-user@ip-172-31-3-219 ~]$ cd /var/www/html
[ec2-user@ip-172-31-3-219 html]$ cd face
[ec2-user@ip-172-31-3-219 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-3-219 face]$ sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php
Using version ^3.133 for aws/aws-sdk-php
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 0 installs, 1 update, 0 removals
  - Updating aws/aws-sdk-php (3.133.46 => 3.133.47): Downloading (100%)
Writing lock file
Generating autoload files
1 package you are using is looking for funding.
Use the `composer fund` command to find out more!
[ec2-user@ip-172-31-3-219 face]$
[ec2-user@ip-172-31-3-219 face]$ sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
--2020-03-31 08:48:20-- https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
Resolving i.pinimg.com (i.pinimg.com)... 23.62.24.79, 2600:1408:20:a89::1931, 26
00:1408:20:a98::1931, ...
Connecting to i.pinimg.com (i.pinimg.com)|23.62.24.79|: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

2020-03-31 08:48:20 (5.19 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg' saved
[215551/215551]

[ec2-user@ip-172-31-3-219 face]$ ls
b97ea33b5842c7894b804923c6c05580.jpg  composer.json
b97ea33b5842c7894b804923c6c05580.jpg.1  composer.lock
b97ea33b5842c7894b804923c6c05580.jpg.2  index.php
b97ea33b5842c7894b804923c6c05580.jpg.3  sample.jpg
b97ea33b5842c7894b804923c6c05580.jpg.4  vendor
[ec2-user@ip-172-31-3-219 face]$ sudo vim index.php
[ec2-user@ip-172-31-3-219 face]$ sudo php index.php
Image upload done... Here is the URL: https://awsharini.s3.us-east-2.amazonaws.c
[ec2-user@ip-172-31-3-219 face]$
```

## UPLOAD SUCCESS:

The screenshot shows a Windows desktop environment. In the foreground, a WordPad window is open, displaying a terminal session from an EC2 instance. The terminal output includes file download logs, directory listings, and PHP code snippets. In the background, a Notepad window is visible, containing error messages related to classNotFound.

```
--2020-03-31 08:48:20-- https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
Resolving i.pinimg.com (i.pinimg.com)... 23.62.24.79, 2600:1408:20:a89::1931, 26
00:1408:20:a98::1931, ...
Connecting to i.pinimg.com (i.pinimg.com)|23.62.24.79|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 215551 (210K) [image/jpeg]
Saving to: 'b97ea33b5842c7894b804923c6c05580.jpg.4'

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

2020-03-31 08:48:20 (5.19 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg.4' saved
[215551/215551]

[ec2-user@ip-172-31-3-219 face]$ ls
b97ea33b5842c7894b804923c6c05580.jpg      composer.json
b97ea33b5842c7894b804923c6c05580.jpg.1    composer.lock
b97ea33b5842c7894b804923c6c05580.jpg.2    index.php
b97ea33b5842c7894b804923c6c05580.jpg.3    sample.jpg
b97ea33b5842c7894b804923c6c05580.jpg.4    vendor
[ec2-user@ip-172-31-3-219 face]$ sudo vim index.php
[ec2-user@ip-172-31-3-219 face]$ sudo php index.php
Image upload done... Here is the URL: https://awsharini.s3.us-east-2.amazonaws.c
[ec2-user@ip-172-31-3-219 face]$
```

```
lass NOT found error, follow these

1 php7.2
nl php-cli php-mbstring

/autoload.php');

use Aws\S3\S3Client;
use Aws\Rekognition\RekognitionClient;

$bucket = 'awsharini';
$keyname = 'b97ea33b5842c7894b804923c6c05580.jpg';

$s3 = new S3Client([
    'region'    => 'us-east-2',
    'version'   => '2006-03-01',
    'signature' => 'v4'
]);

try {
    // Upload data.
    $result = $s3->putObject([
        'Bucket'    => $bucket,
        'Key'       => $keyname,
        'SourceFile'=> __DIR__ . '/sample.jpg'
    ]);

    if ($result['Response']['Error']) {
        throw new Exception($result['Response']['Error']);
    }
}
```

S3 Management Console    New Tab

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

aws Services Resource Groups

Amazon S3 > awsharini

## awsharini

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)

Name	Last modified	Size	Storage class
b97ea33b5842c7894b804923c6c05580.jpg	Mar 30, 2020 10:51:57 PM GMT+0530	210.5 KB	Standard
index.html	Mar 30, 2020 7:10:31 PM GMT+0530	265.0 B	Standard

Viewing 1 to 2

Feedback English (US)

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# FACE DETECT SUCCESS :

