

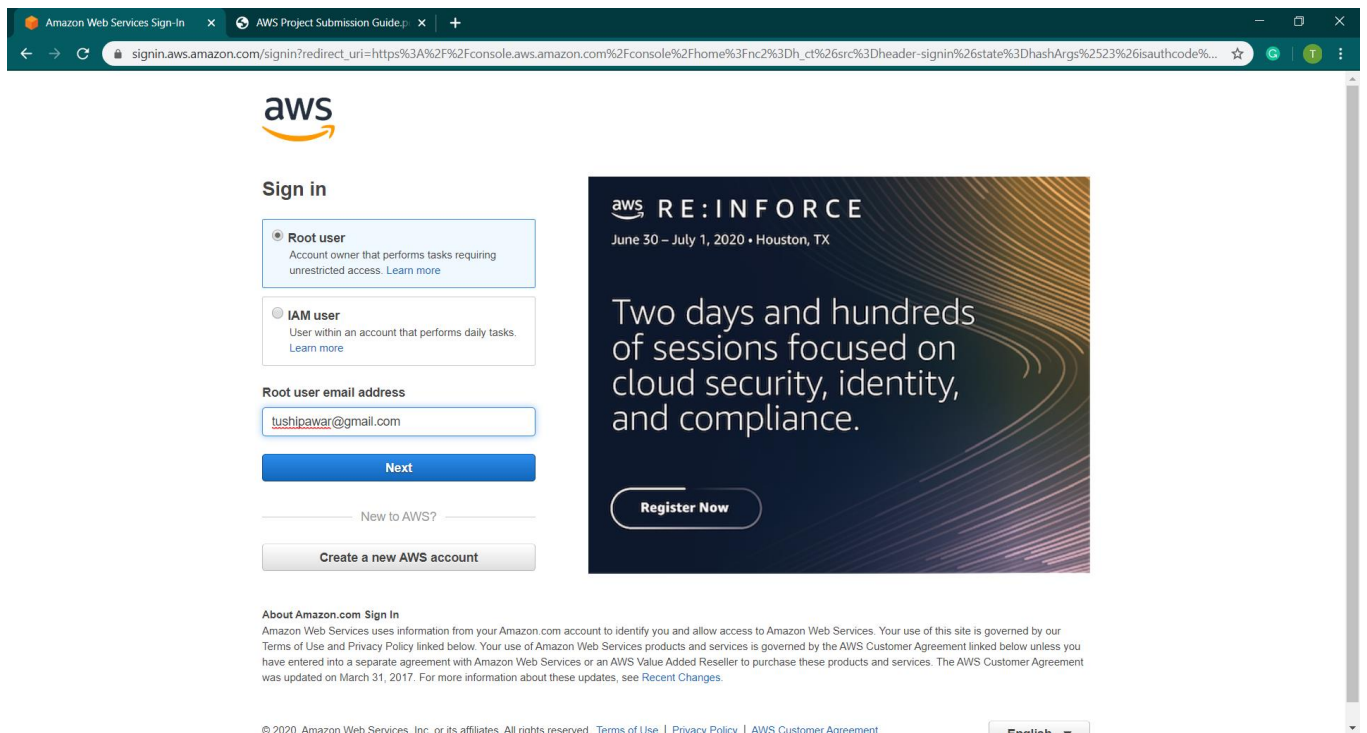
# AWS Project

Name :-Tushika Pawar

College Name:- VIT Bhopal

## • Screenshots needed for Dashboard

### 1.AWS login screen with username



The screenshot shows the AWS Sign-in page in a web browser. The browser's address bar displays the URL: `signin.aws.amazon.com/signin?redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fconsole%2Fhome%3Fnc2%3Dh_ct%26src%3Dheader-signin%26state%3DhashArgs%2523%26isauthcode%...`. The page features the AWS logo at the top left. Below it, the "Sign in" section offers two options: "Root user" (selected) and "IAM user". The "Root user" option is described as "Account owner that performs tasks requiring unrestricted access." Below these options, there is a field for "Root user email address" containing the text `tushipawar@gmail.com`. A blue "Next" button is positioned below the email field. At the bottom of the sign-in section, there are links for "New to AWS?" and "Create a new AWS account". On the right side of the page, there is a promotional banner for "aws RE:INFORCE" with the text "Two days and hundreds of sessions focused on cloud security, identity, and compliance." and a "Register Now" button. The footer of the page contains copyright information: "© 2020, Amazon Web Services, Inc. or its affiliates. All rights reserved." and links to "Terms of Use", "Privacy Policy", and "AWS Customer Agreement". A language dropdown menu is set to "English".

Amazon Web Services Sign-in

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

**Next**

[New to AWS?](#)

[Create a new AWS account](#)

**aws RE:INFORCE**  
June 30 – July 1, 2020 • Houston, TX

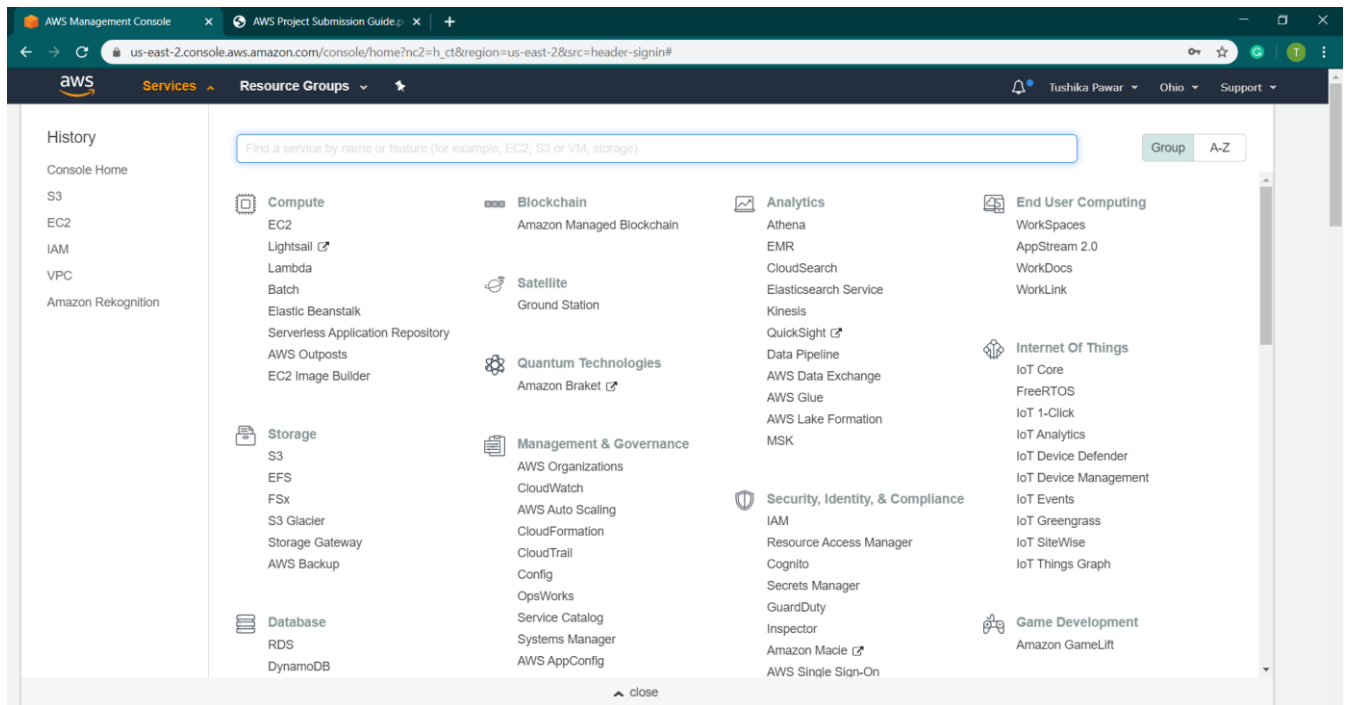
Two days and hundreds of sessions focused on cloud security, identity, and compliance.

**Register Now**

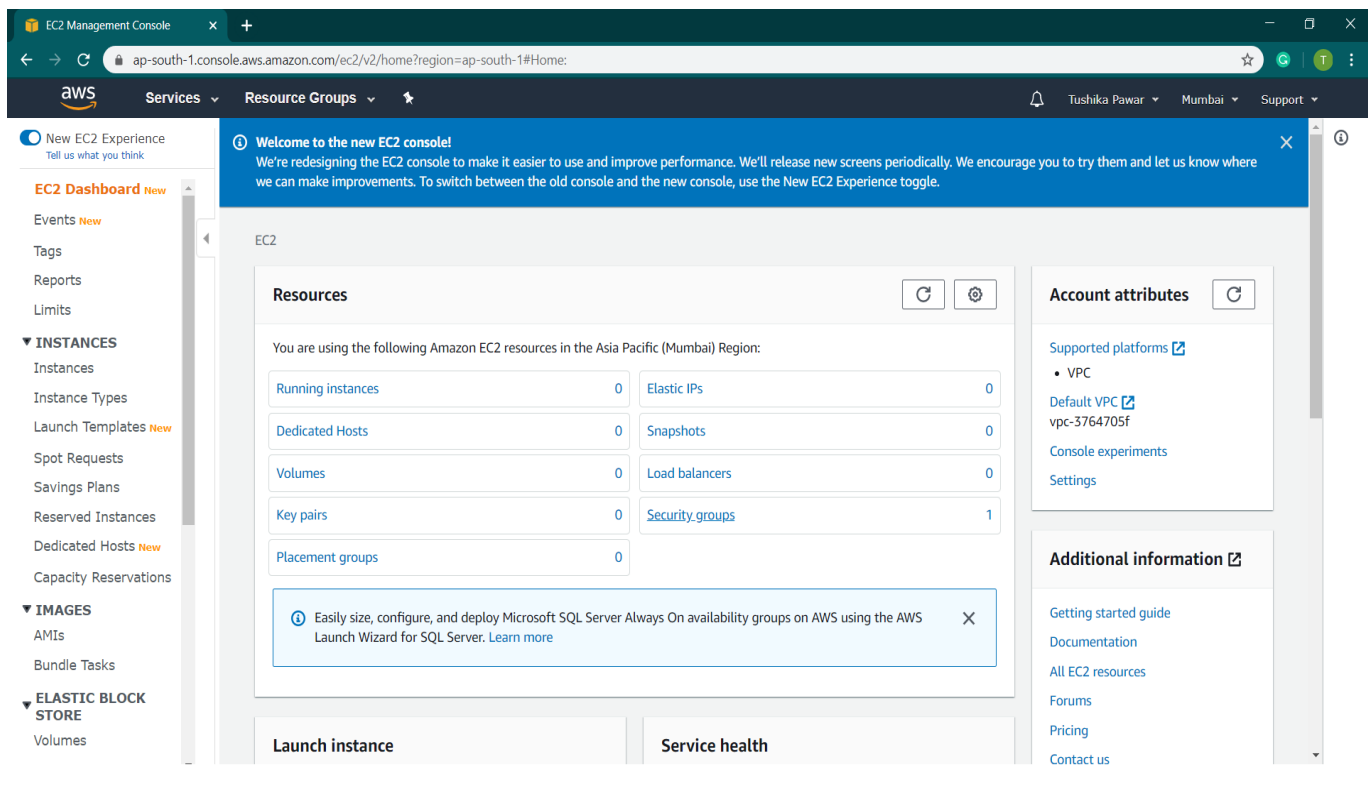
About Amazon.com Sign In  
Amazon Web Services uses information from your Amazon.com account to identify you and allow access to Amazon Web Services. Your use of this site is governed by our [Terms of Use](#) and [Privacy Policy](#) linked below. Your use of Amazon Web Services products and services is governed by the [AWS Customer Agreement](#) linked below unless you have entered into a separate agreement with Amazon Web Services or an AWS Value Added Reseller to purchase these products and services. The AWS Customer Agreement was updated on March 31, 2017. For more information about these updates, see [Recent Changes](#).

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English



## 2. EC2 Dashboard



## 3.S3 Dashboard

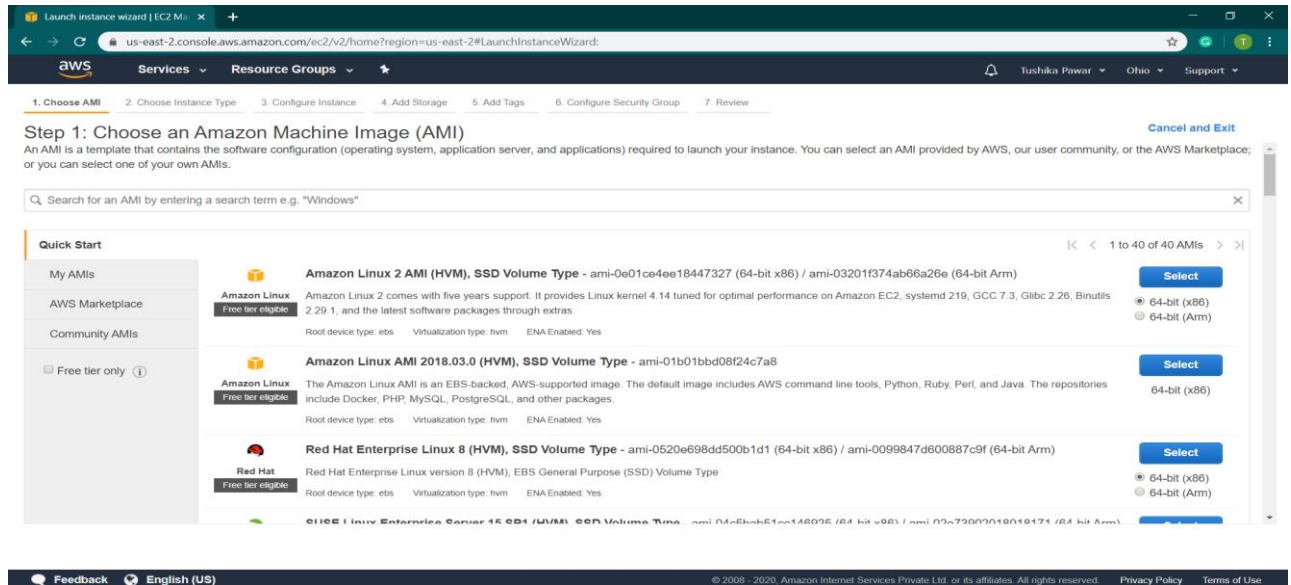
The screenshot shows the Amazon S3 Management Console. The left sidebar contains navigation links for Buckets, Batch operations, Access analyzer for S3, Block public access (account settings), and Feature spotlight. The main content area displays 'Buckets (0)' with a search bar and a table. The table has columns for Name, Region, Access, and Bucket created. Below the table, it states 'No buckets. You don't have any buckets.' and provides a 'Create bucket' button. The top navigation bar includes the AWS logo, Services, Resource Groups, and user information (Tushika Pawar, Global, Support). A notification banner at the top indicates updates to the S3 console design.

## 4.Rekognition Dashboard

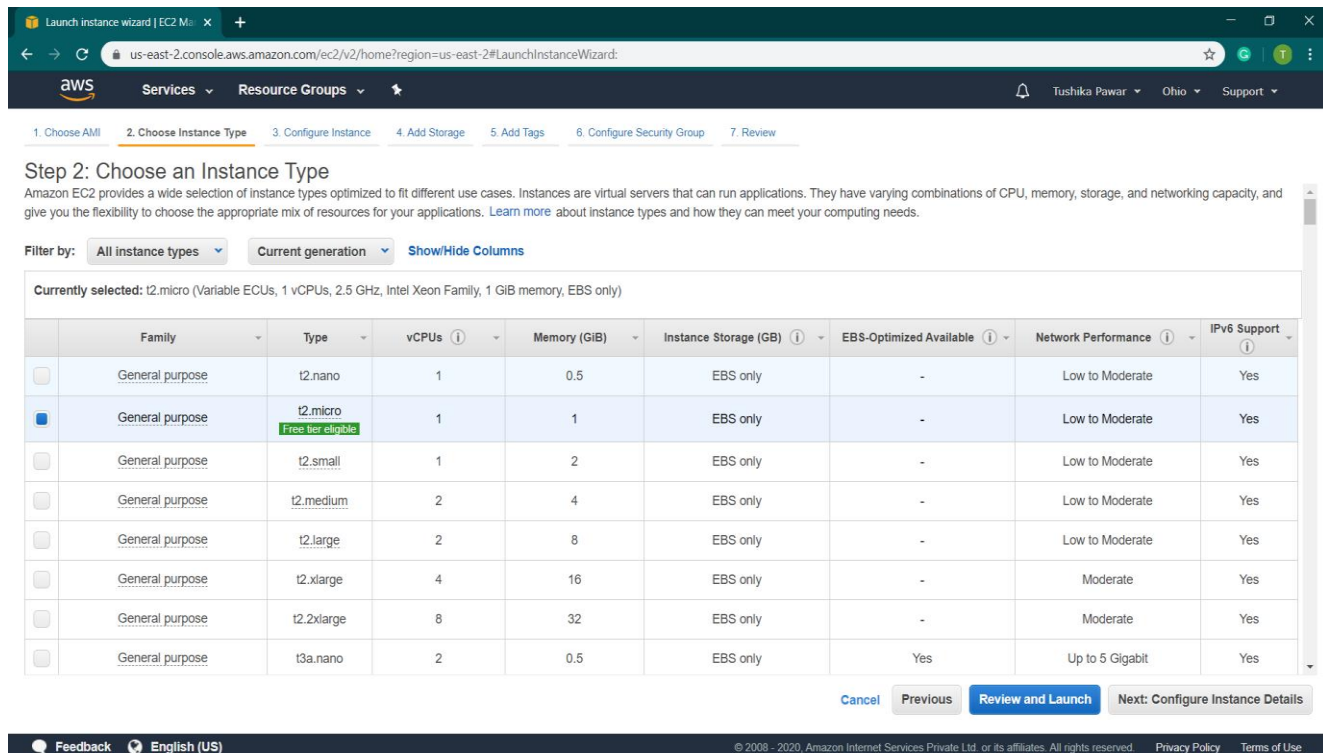
The screenshot shows the Amazon Rekognition dashboard. The left sidebar lists various features under 'Amazon Rekognition', including Demos (Object and scene detection, Image moderation, Facial analysis, Celebrity recognition, Face comparison, Text in image), Video Demos (Video analysis), Metrics, and Additional Resources (Getting started guide, Download SDKs, Developer resources, Pricing). The main content area features a large header with the text 'Amazon Rekognition' and 'Deep learning-based visual analysis service'. Below this, there are three columns of information: 'Easily Integrate Powerful Visual Analysis into Your App', 'Continuously Learning', and 'Integrated with AWS Services'. Each column includes an icon and a brief description of the service's capabilities. The bottom navigation bar includes the AWS logo, Services, Resource Groups, and user information (Tushika Pawar, Mumbai, Support). A notification banner at the top indicates updates to the Rekognition console design.

# • Screenshots needed for EC2

## 1.Choosing an AMI



## 2.Choosing an Instance Type



## 3. Adding Storage

Launch instance wizard | EC2 M...

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

aws Services Resource Groups

Tushika Pawar Ohio Support

1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. 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	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 GiB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.

CancelPreviousReview and LaunchNext: Add Tags

FeedbackEnglish (US)© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy PolicyTerms of Use

## 4. Configuring Security Group

Launch instance wizard | EC2 M...

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

aws Services Resource Groups

Tushika Pawar Ohio Support

1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. 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

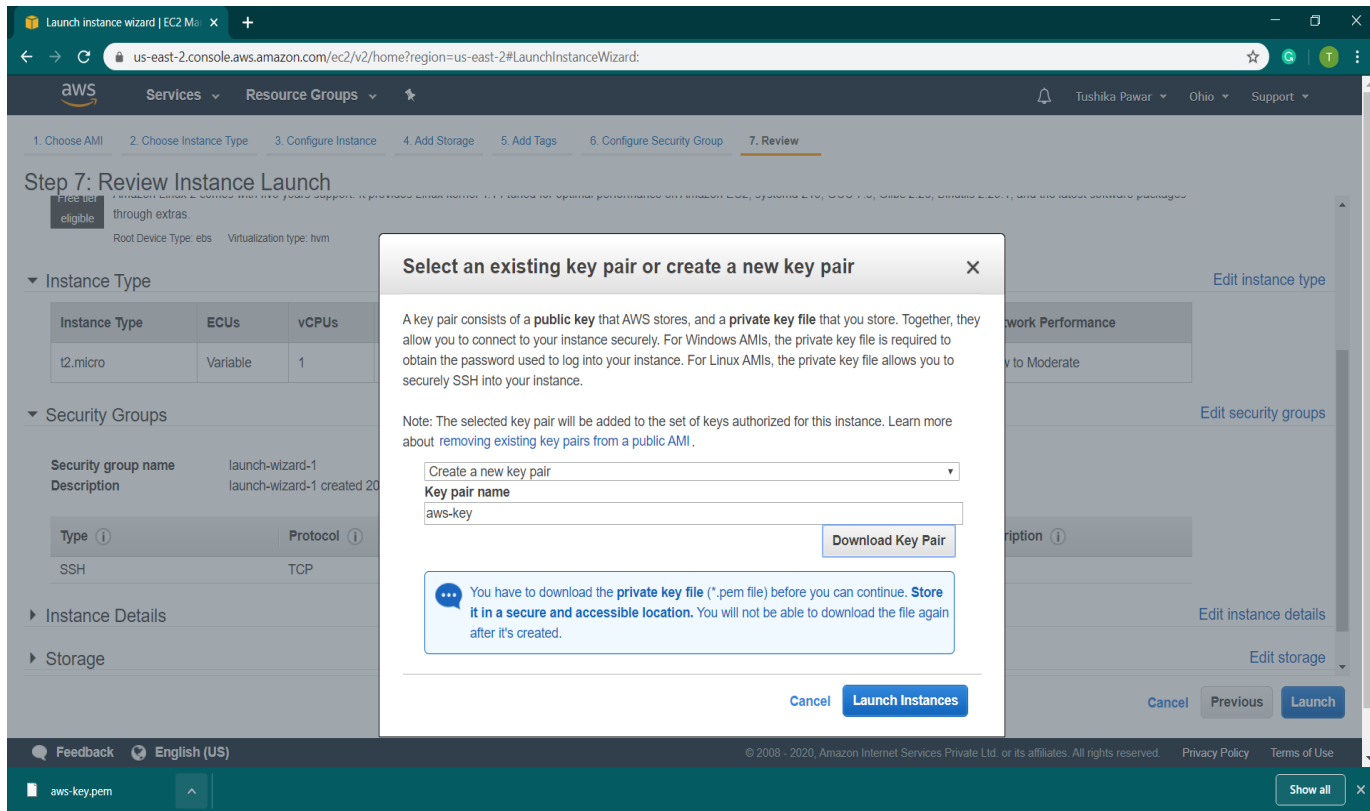
Warning

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.

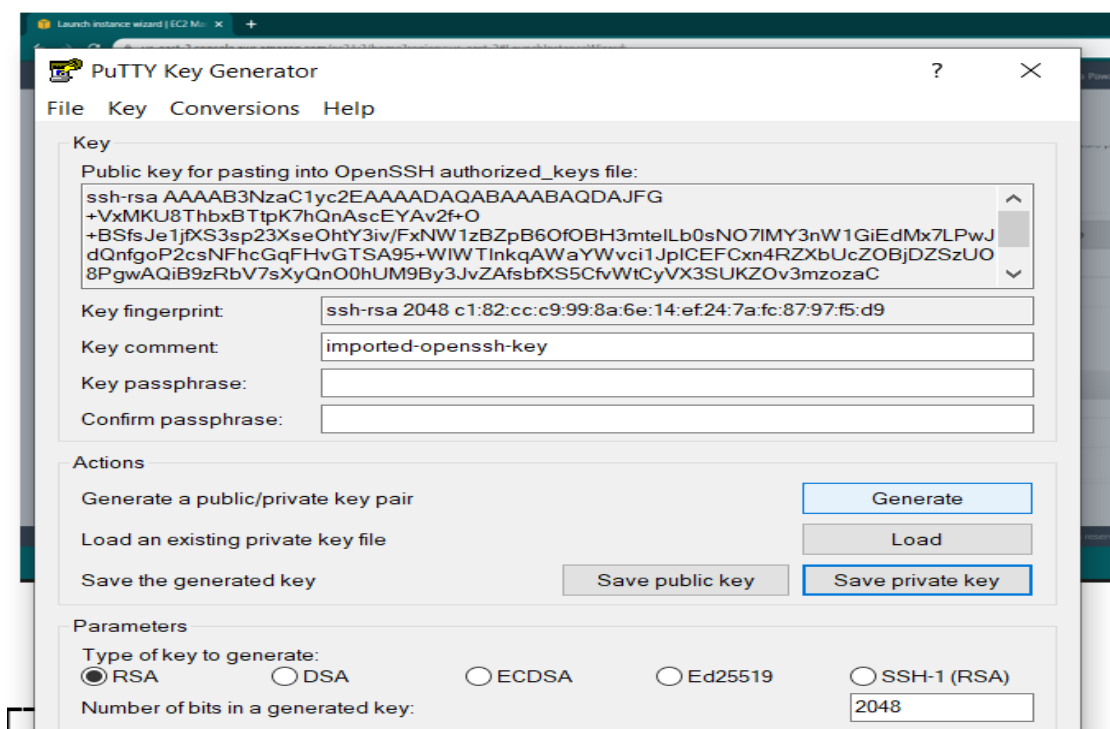
CancelPreviousReview and Launch

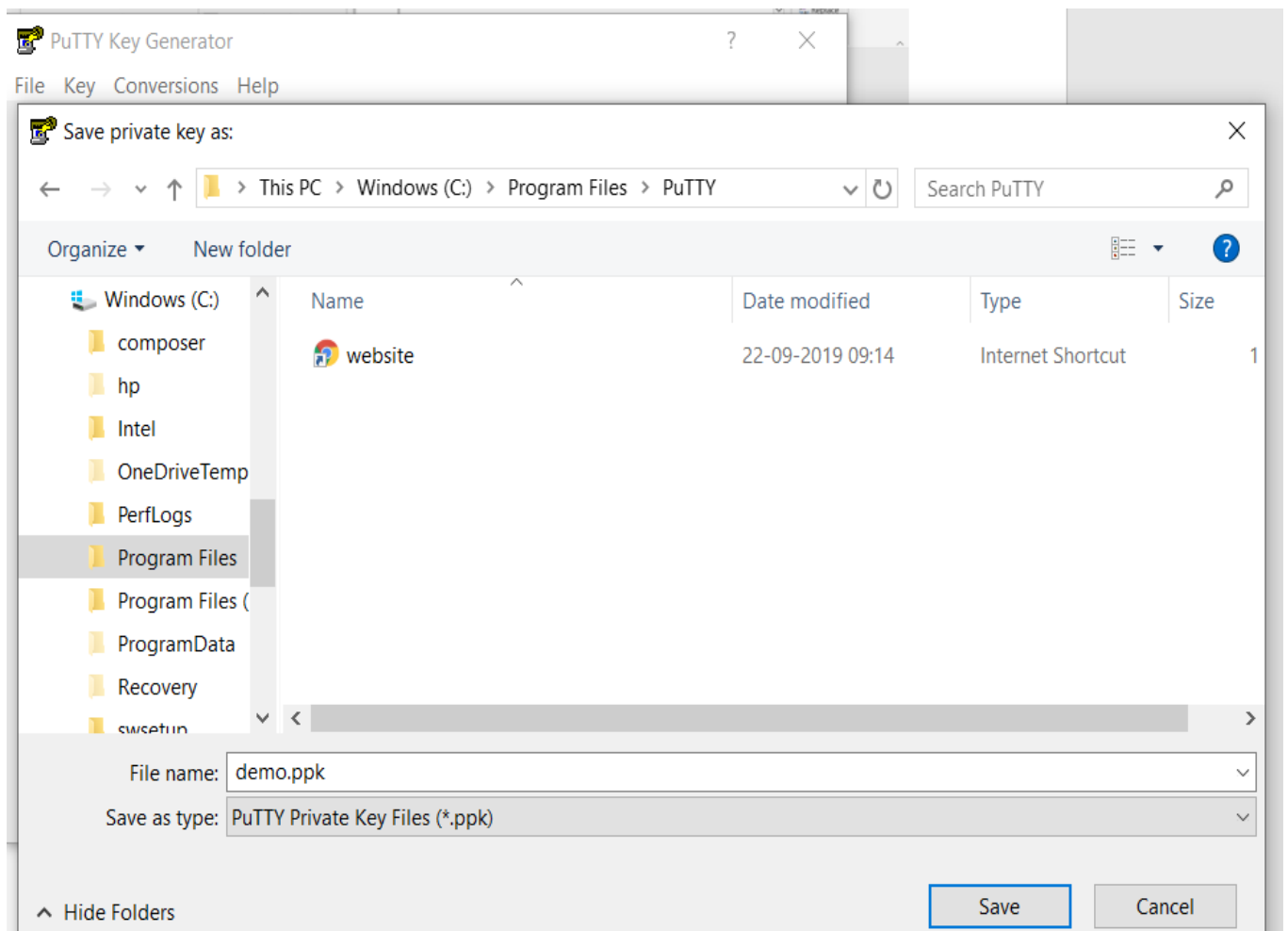
FeedbackEnglish (US)© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy PolicyTerms of Use

## 5. Key Pair Download

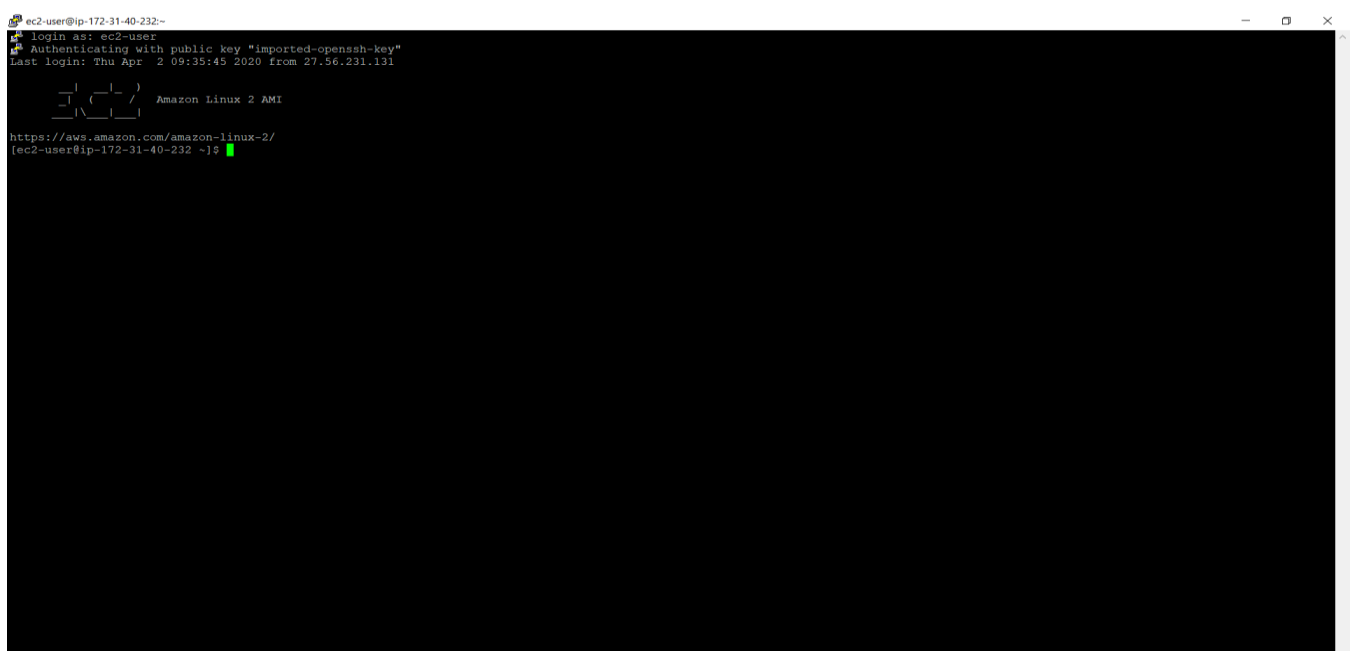


## 6. PuTTYgen conversion from pem to ppk





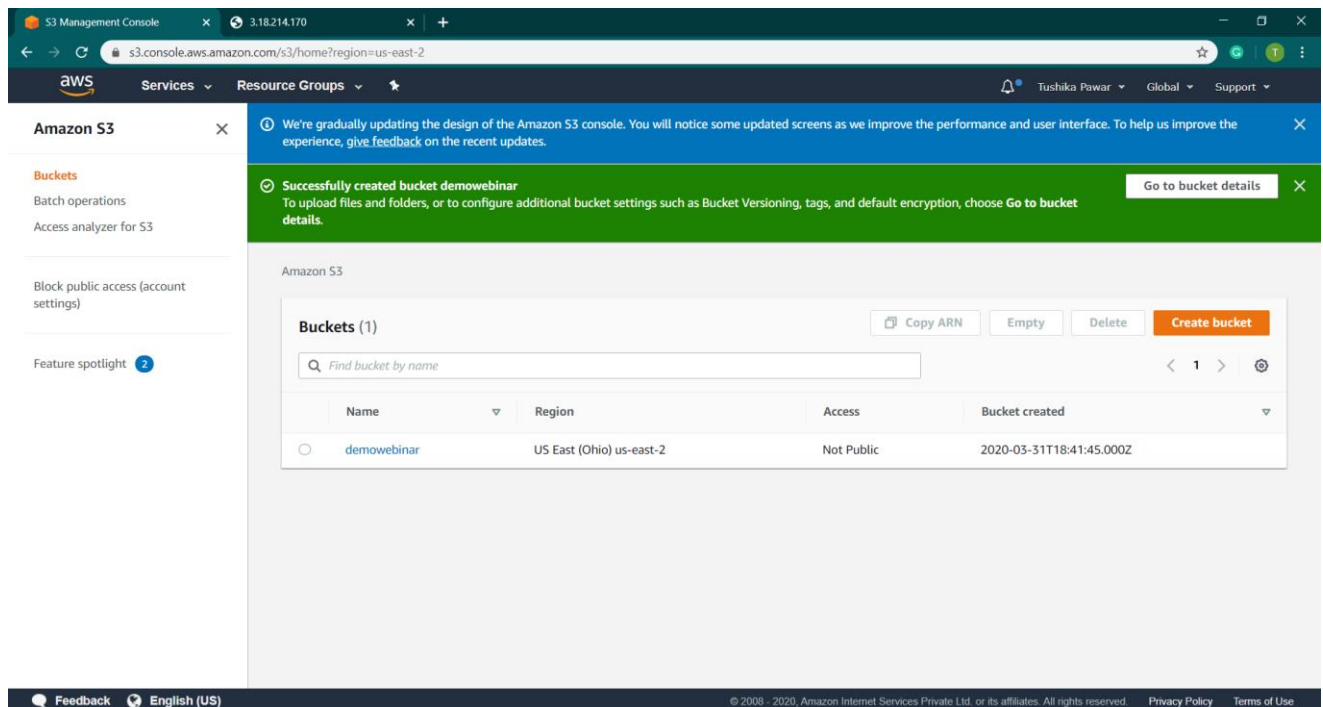
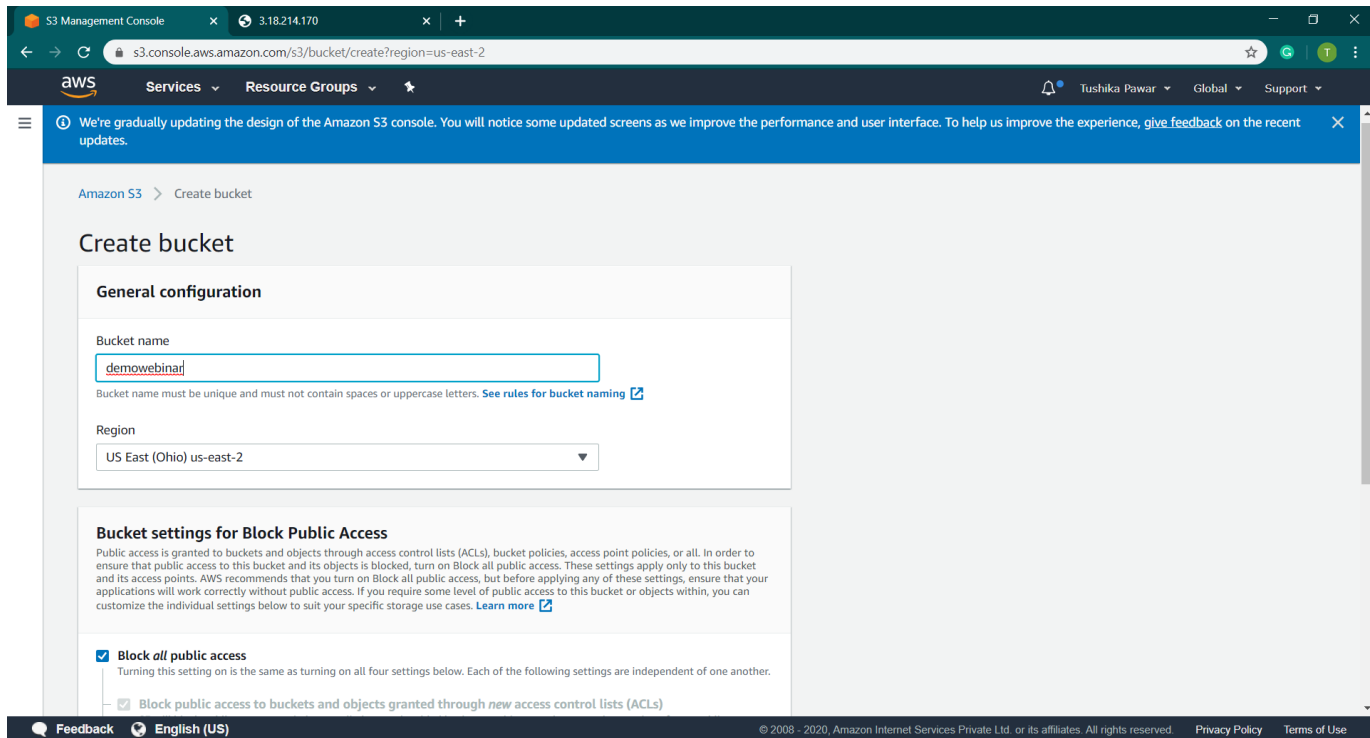
## 7. Logged into EC2 black screen





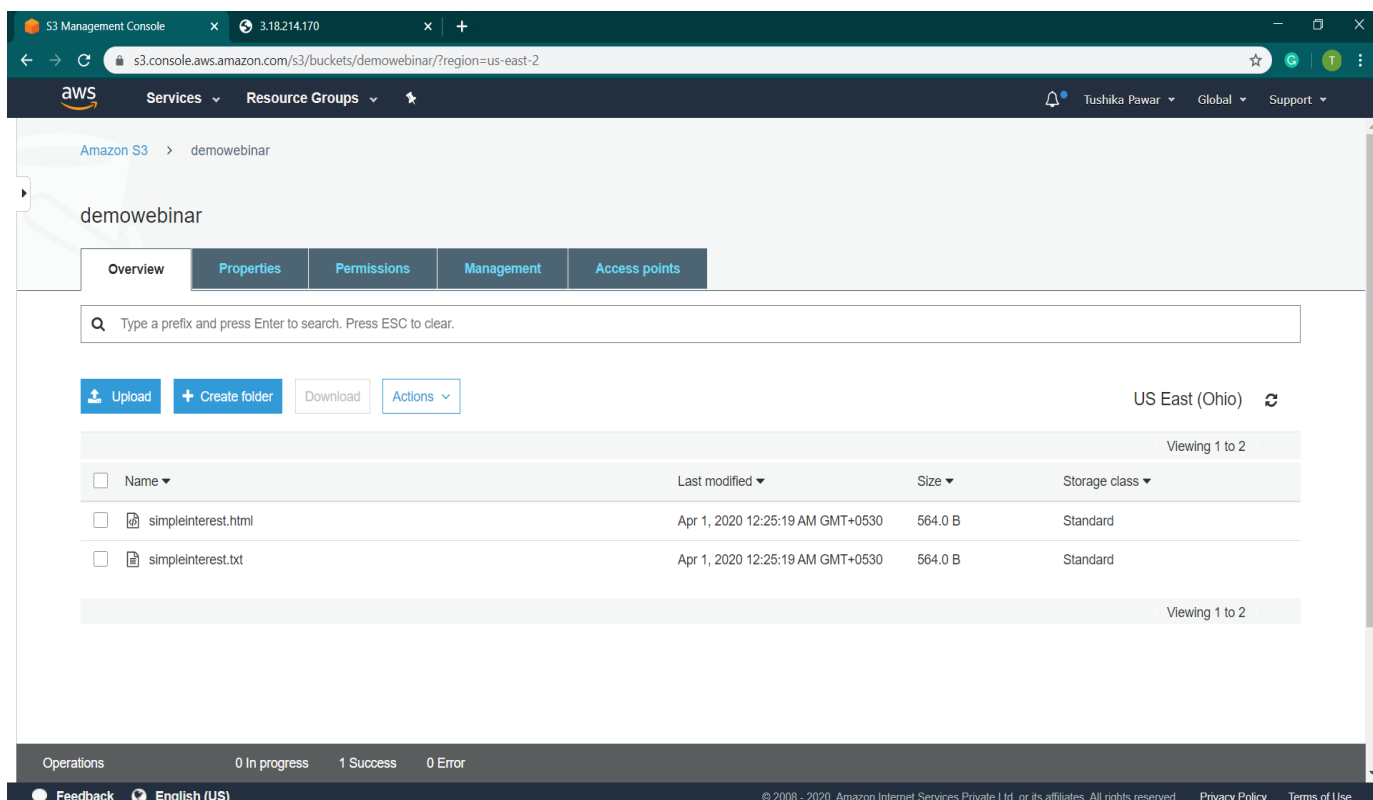
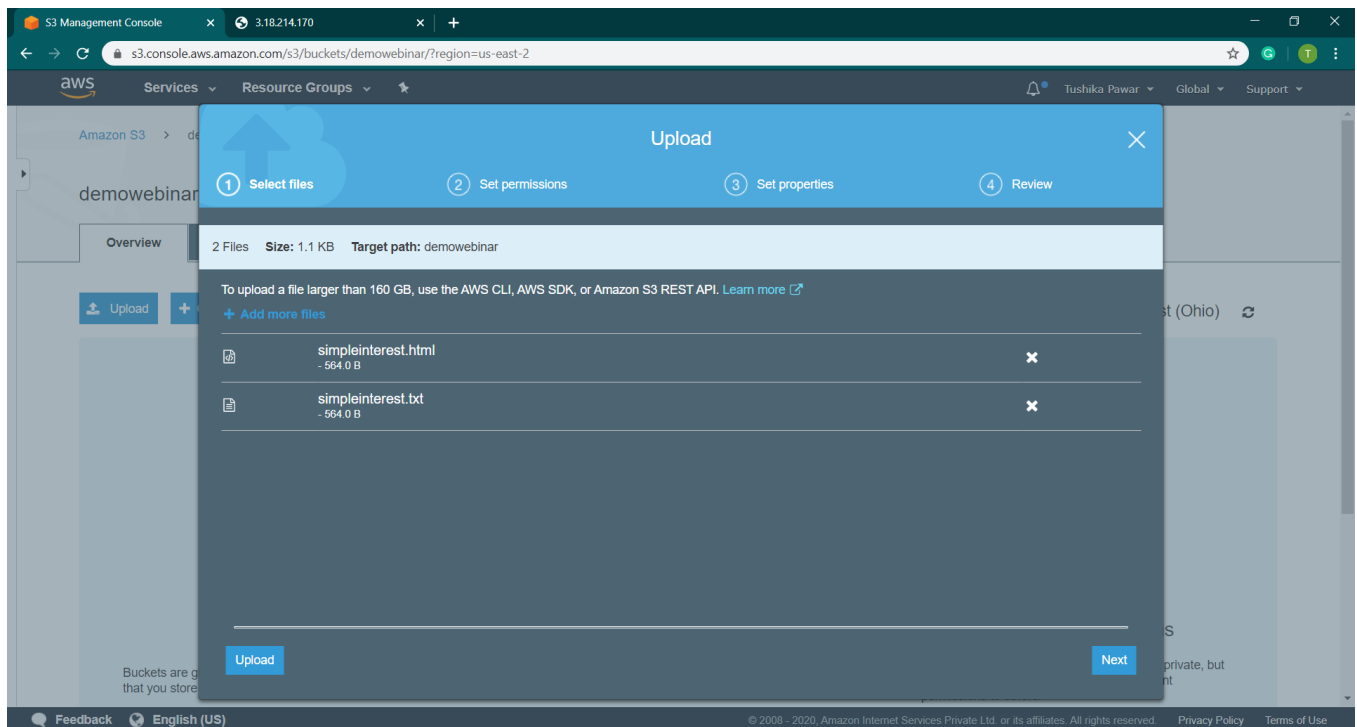
# • Screenshots needed for S3

## 1. Creating Bucket

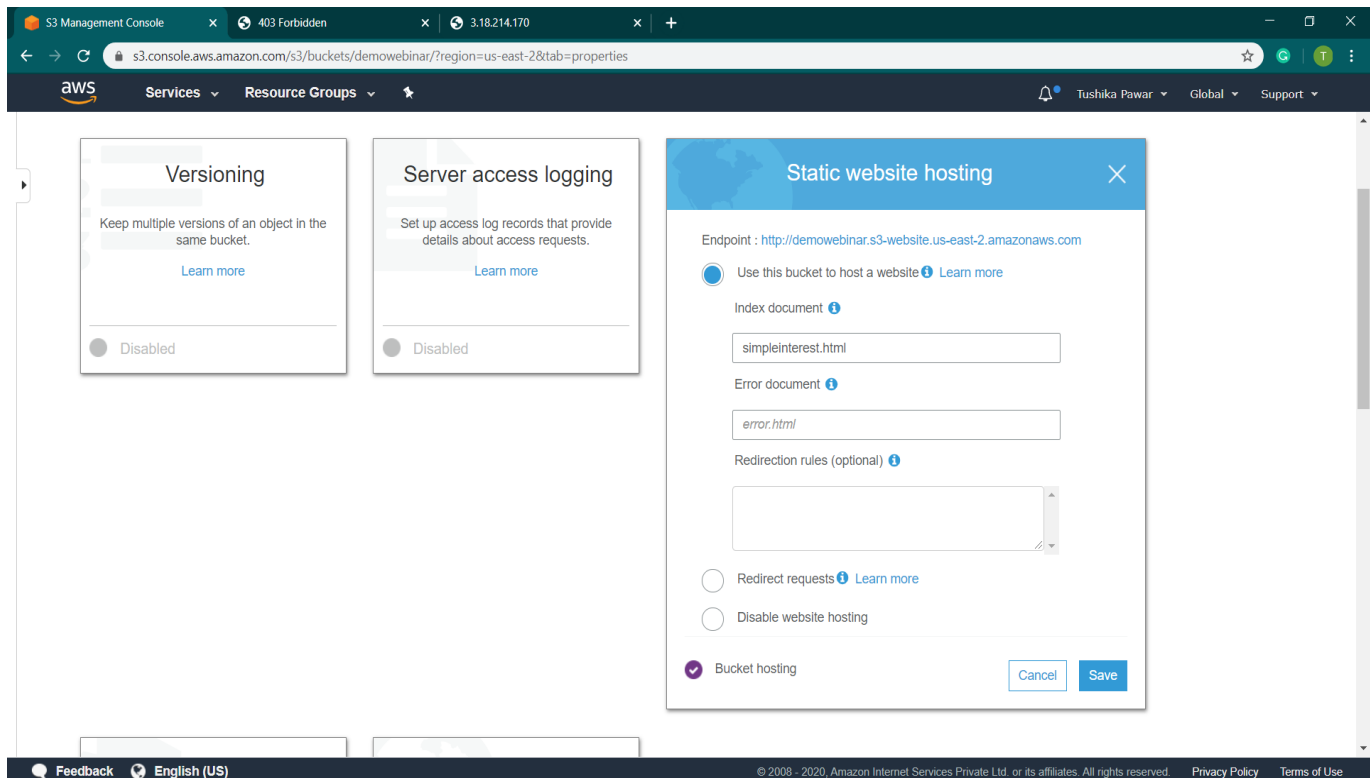




## 2. Uploading an object

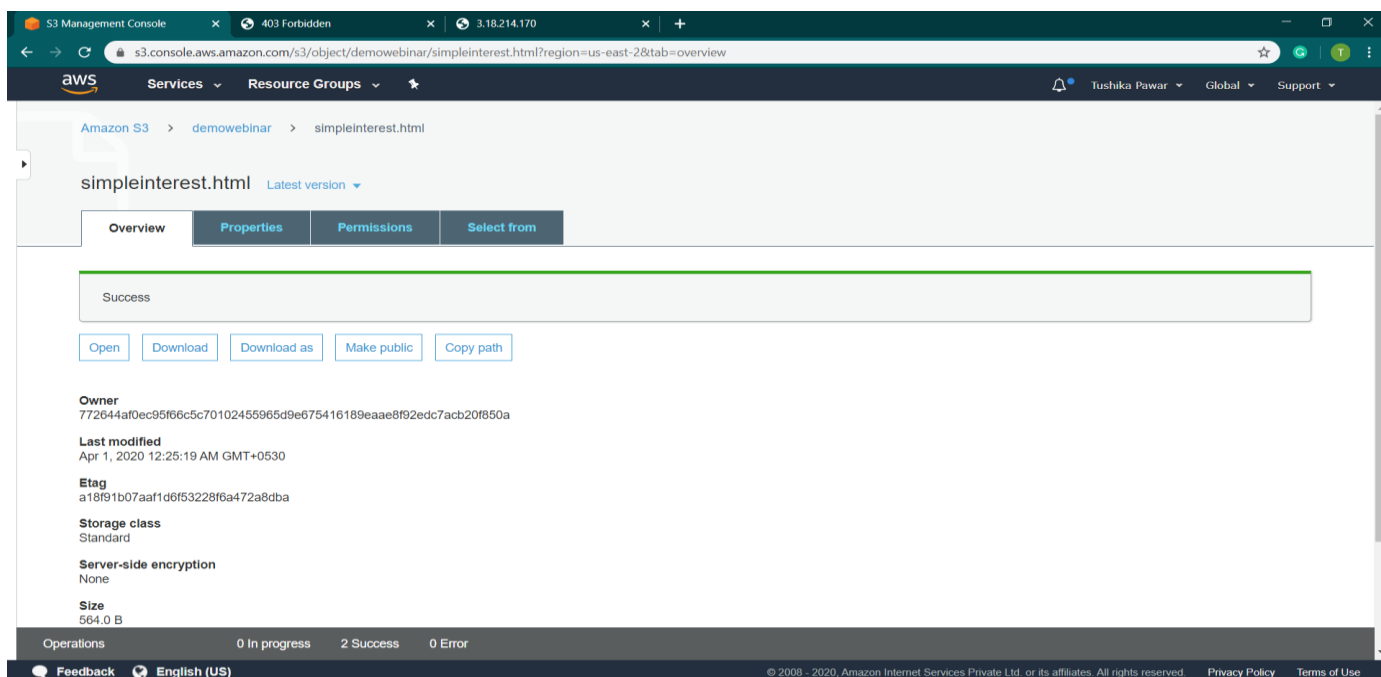


### 3.Enabling Static Website

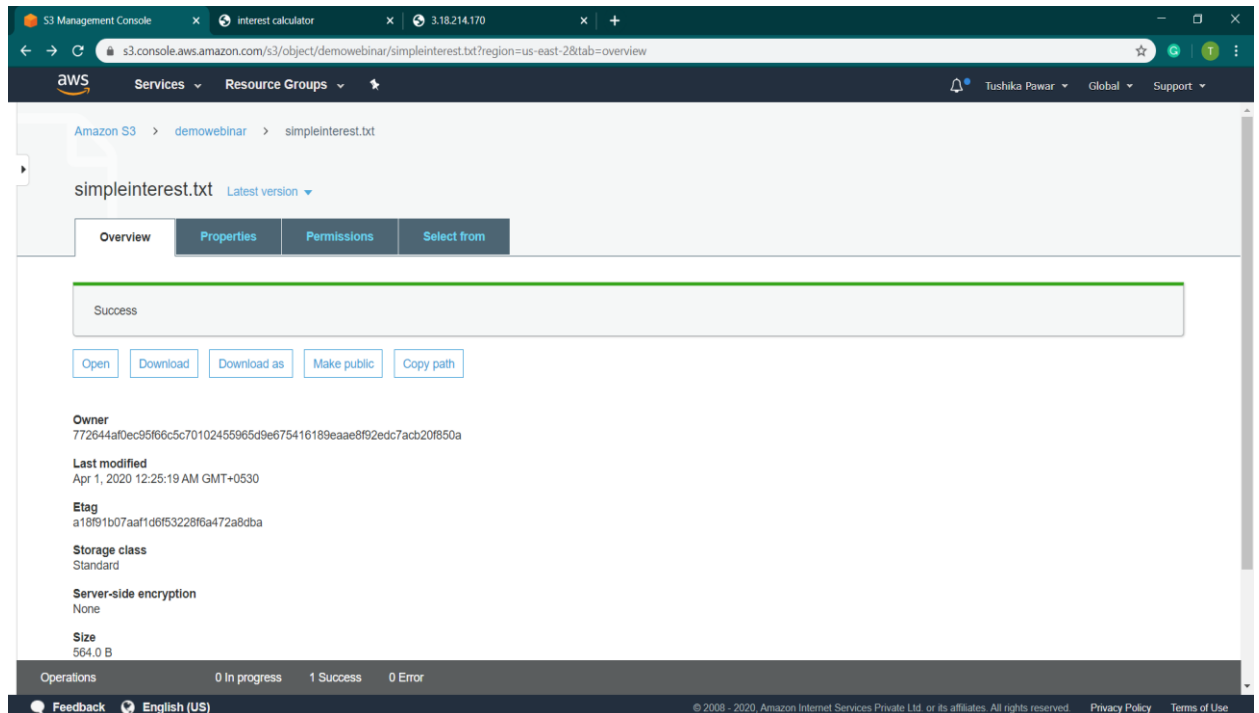


### 4.Making the Object Public

- HTML File



- Txt File

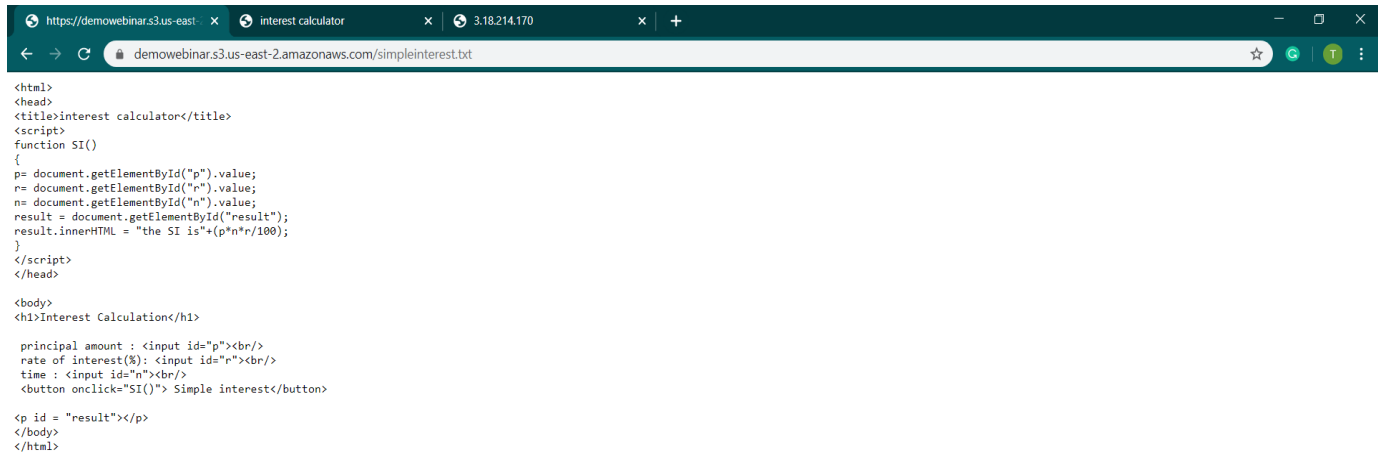


## 5.Checking the S3 link on the browser

- HTML File



# • Txt File



```
<html>
<head>
<title>interest calculator</title>
<script>
function SI()
{
p= document.getElementById("p").value;
r= document.getElementById("r").value;
n= document.getElementById("n").value;
result = document.getElementById("result");
result.innerHTML = "the SI is" + (p * n * r / 100);
}
</script>
</head>

<body>
<h1>Interest Calculation</h1>

principal amount : <input id="p"><br/>
rate of interest(%): <input id="r"><br/>
time : <input id="n"><br/>
<button onclick="SI()"> Simple interest</button>

<p id = "result"></p>
</body>
</html>
```

- Screenshots needed for Rekognition

## 1. Face Detect

The screenshot shows the AWS Rekognition Console interface for the 'Facial analysis' demo. The left sidebar lists various services, with 'Facial analysis' selected. The main content area displays a 3x3 grid of faces with bounding boxes. Below the grid, there are options to 'Choose a sample image' or 'Use your own image'. The 'Results' panel on the right shows the following attributes and confidence scores:

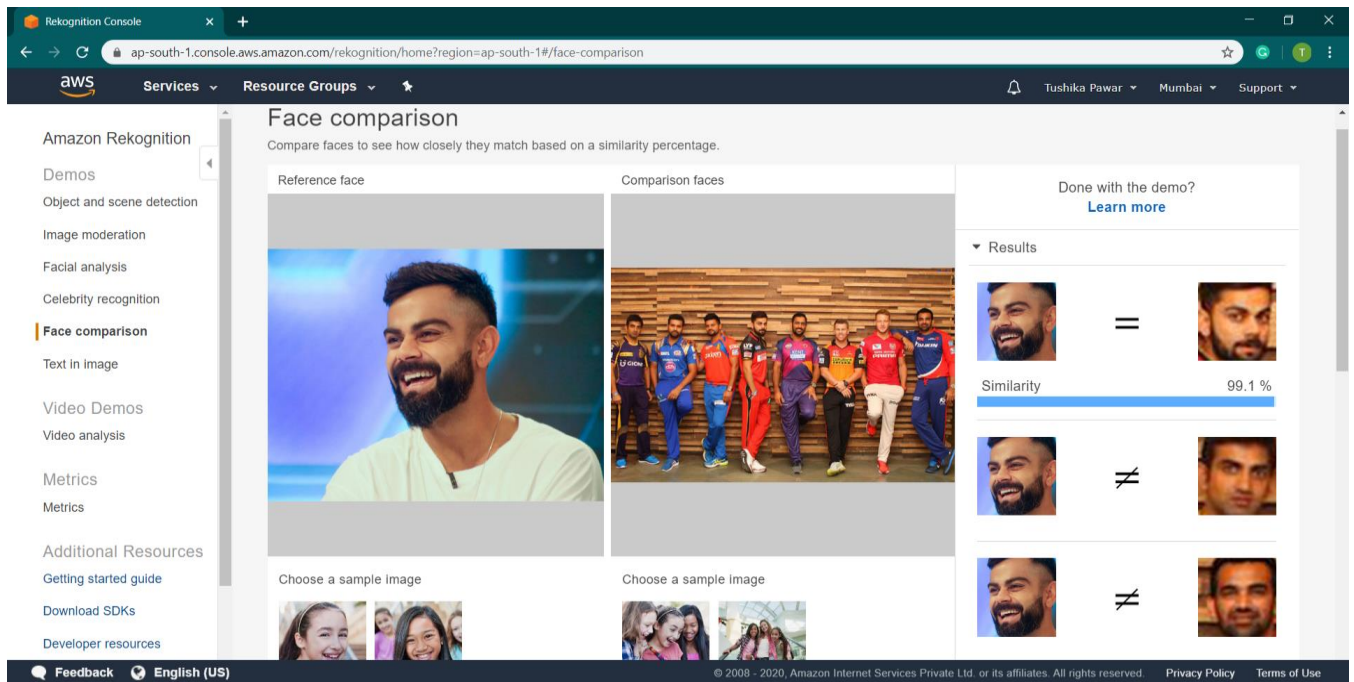
Attribute	Confidence Score
looks like a face	100 %
appears to be female	54.9 %
age range	22 - 34 years old
smiling	54.9 %
appears to be happy	54.9 %
not wearing glasses	54.9 %
not wearing sunglasses	54.9 %
eyes are open	54.9 %

## 2. Celebrity Recognition

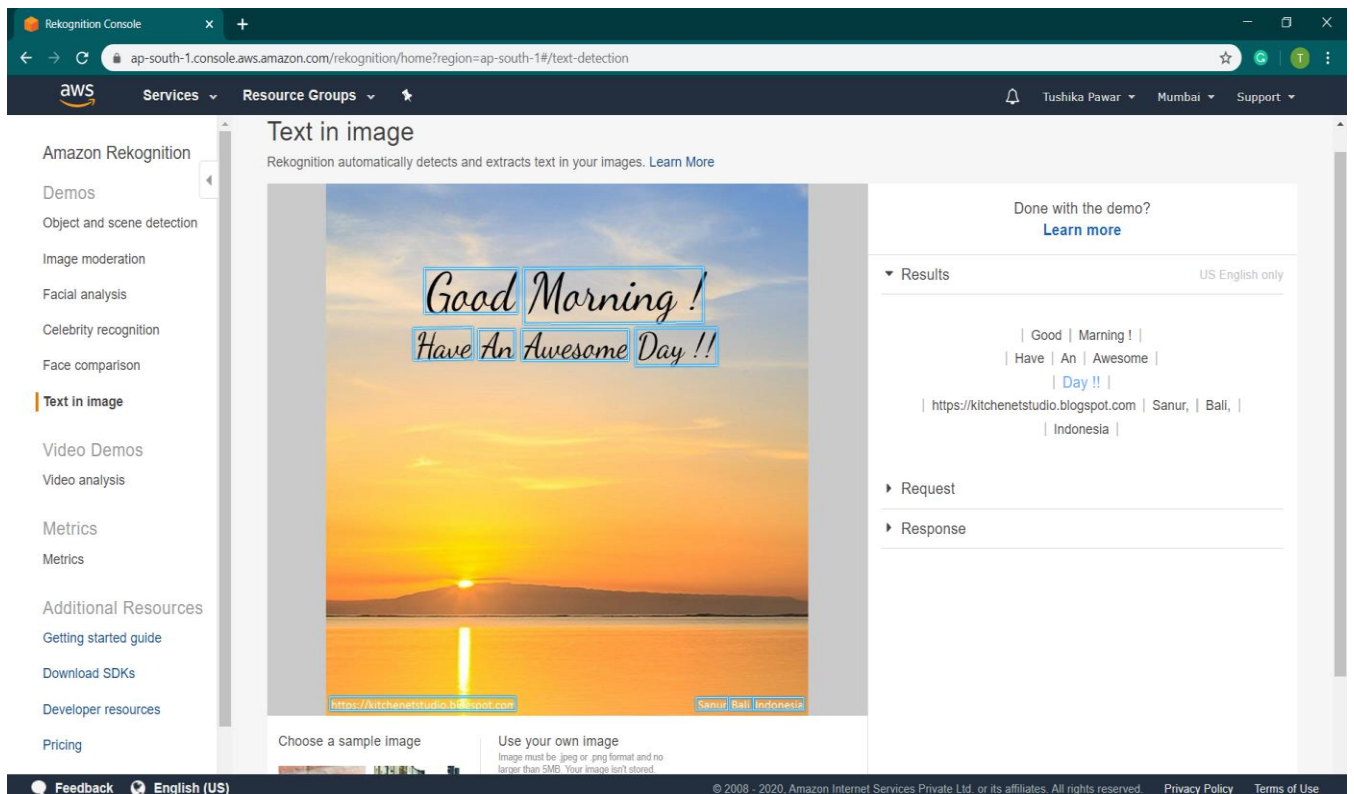
The screenshot shows the AWS Rekognition Console interface for the 'Celebrity recognition' demo. The left sidebar lists various services, with 'Celebrity recognition' selected. The main content area displays a grid of celebrities with bounding boxes. Below the grid, there are options to 'Choose a sample image' or 'Use your own image'. The 'Results' panel on the right shows the following celebrities and match confidence scores:

Celebrity	Match confidence
Akshay Kumar	100 %
Shah Rukh Khan	100 %
Salman Khan	100 %

### 3.Face Comparison



### 4.Text in image



## 1.Installing aws-sdk

## 2.Installing php

```
ec2-user@ip-172-31-40-232:-  
# login as: ec2-user  
# Authenticating with public key "imported-openssh-key"  
Last login: Wed Apr 1 13:49:59 2020 from 27.56.238.15  
  
 _ _ | C _ _ _ /  
 _ _ | \ _ _ | _ _ | 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-172-31-40-232 ~]$ sudo yum install php  
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd  
amzn2-core | 2.4 kB 00:00  
amzn2extra-docker | 1.8 kB 00:00  
Resolving Dependencies  
--> Running transaction check  
--> Package php.x86_64 0:5.4.16-46.amzn2.0.2 will be installed  
--> Processing Dependency: php-cli(x86-64) = 5.4.16-46.amzn2.0.2 for package: ph  
p-5.4.16-46.amzn2.0.2.x86_64  
--> Processing Dependency: php-common(x86-64) = 5.4.16-46.amzn2.0.2 for package:  
php-5.4.16-46.amzn2.0.2.x86_64  
--> Running transaction check  
--> Package php-cli.x86_64 0:5.4.16-46.amzn2.0.2 will be installed  
--> Package php-common.x86_64 0:5.4.16-46.amzn2.0.2 will be installed  
--> Processing Dependency: libzip.so.2()(64bit) for package: php-common-5.4.16-4  
6.amzn2.0.2.x86_64  
--> Running transaction check  
--> Package libzip010-compat.x86_64 0:0.10.1-9.amzn2.0.5 will be installed  
--> Finished Dependency Resolution  
  
Dependencies Resolved  
  
=====
```

Package	Arch	Version	Repository	Size
Installing:				
php	x86_64	5.4.16-46.amzn2.0.2	amzn2-core	1.4 M
Installing for dependencies:				
libzip010-compat	x86_64	0.10.1-9.amzn2.0.5	amzn2-core	30 k
php-cli	x86_64	5.4.16-46.amzn2.0.2	amzn2-core	2.8 M
php-common	x86_64	5.4.16-46.amzn2.0.2	amzn2-core	563 k

```
=====
```

Transaction Summary

```
=====
```

Install 1 Package (+3 Dependent packages)

Total download size: 4.7 M  
Installed size: 17 M  
ls.thijs\_gk.[y/d/N]: v



```
ec2-user@ip-172-31-40-232:~$
Dependencies Resolved

=====
Package                Arch      Version              Repository           Size
=====
Installing:
php                    x86_64    5.4.16-46.amzn2.0.2  amzn2-core          1.4 M
Installing for dependencies:
libzip010-compat      x86_64    0.10.1-9.amzn2.0.5   amzn2-core           30 k
php-cli                x86_64    5.4.16-46.amzn2.0.2  amzn2-core           2.8 M
php-common             x86_64    5.4.16-46.amzn2.0.2  amzn2-core           563 k
=====

Transaction Summary
=====
Install 1 Package (+3 Dependent packages)

Total download size: 4.7 M
Installed size: 17 M
Is this ok [y/d/N]: y
Downloading packages:
(1/4): libzip010-compat-0.10.1-9.amzn2.0.5.x86_64.rpm | 30 kB 00:00
(2/4): php-5.4.16-46.amzn2.0.2.x86_64.rpm | 1.4 MB 00:00
(3/4): php-common-5.4.16-46.amzn2.0.2.x86_64.rpm | 563 kB 00:00
(4/4): php-cli-5.4.16-46.amzn2.0.2.x86_64.rpm | 2.8 MB 00:00
-----
Total                21 MB/s | 4.7 MB 00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : libzip010-compat-0.10.1-9.amzn2.0.5.x86_64      1/4
  Installing : php-common-5.4.16-46.amzn2.0.2.x86_64         2/4
  Installing : php-cli-5.4.16-46.amzn2.0.2.x86_64           3/4
  Installing : php-5.4.16-46.amzn2.0.2.x86_64               4/4
  Verifying   : php-5.4.16-46.amzn2.0.2.x86_64              1/4
  Verifying   : libzip010-compat-0.10.1-9.amzn2.0.5.x86_64   2/4
  Verifying   : php-cli-5.4.16-46.amzn2.0.2.x86_64         3/4
  Verifying   : php-common-5.4.16-46.amzn2.0.2.x86_64       4/4

Installed:
php.x86_64 0:5.4.16-46.amzn2.0.2

Dependency Installed:
libzip010-compat.x86_64 0:0.10.1-9.amzn2.0.5
php-cli.x86_64 0:5.4.16-46.amzn2.0.2
php-common.x86_64 0:5.4.16-46.amzn2.0.2

Complete!
ec2-user@ip-172-31-40-232:~$ curl -sS
```

### 3.Index.php file code

```
ec2-user@ip-172-31-40-232:~$ cd /var/www/html/face
ec2-user@ip-172-31-40-232:~$ sudo vim index.php
use Aws\Rekognition\RekognitionClient;

$bucket = 'demowebinar';
$keyname = 'sample.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;
}
```

```
ec2-user@ip-172-31-40-232:~$ cd /var/www/html/face
$ login as: ec2-user
$ Authenticating with public key "imported-openssh-key"
Last login: Thu Apr  2 09:04:23 2020 from 27.56.231.131

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

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-40-232 ~]$ cd /var/www/html/face
[ec2-user@ip-172-31-40-232 face]$ sudo php index.php
Image upload done... Here is the URL: https://demowebinar.s3.us-east-2.amazonaws
[ec2-user@ip-172-31-40-232 face]$
```

S3 Management Console

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

aws

Services

Resource Groups

Tushika Pawar

Global

Support

Amazon S3

demowebinar

demowebinar

Overview

Properties

Permissions

Management

Access points

Q

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

Upload




Create folder

Download

Actions

US East (Ohio)

Viewing 1 to 3

<input type="checkbox"/>	Name	Last modified	Size	Storage class
<input type="checkbox"/>	 sample.jpg	Apr 2, 2020 3:06:28 PM GMT+0530	210.5 KB	Standard
<input type="checkbox"/>	 simpleinterest.html	Apr 1, 2020 12:25:19 AM GMT+0530	564.0 B	Standard
<input type="checkbox"/>	 simpleinterest.txt	Apr 1, 2020 12:25:19 AM GMT+0530	564.0 B	Standard

Viewing 1 to 3

Feedback

English (US)

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S3 Management Console

s3.console.aws.amazon.com/s3/object/demoweinar/sample.jpg?region=us-east-2&tab=overview

Amazon S3 > demoweinar > sample.jpg

sample.jpg Latest version

Overview Properties Permissions Select from

Open Download Download as Make public Copy path

**Owner**  
772644a0dec95f6c5c70102455965d9e675416189eaae8f92edc7acb20f850a

**Last modified**  
Apr 2, 2020 3:06:28 PM GMT+0530

**Etag**  
5715388228d652105c7ac4331a990052

**Storage class**  
Standard

**Server-side encryption**  
None

**Size**  
210.5 KB

**Key**  
sample.jpg

**Object URL**  
<https://demoweinar.s3.us-east-2.amazonaws.com/sample.jpg>

Feedback English (US)

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# • Screenshots needed for EC2 & Rekognition

## 1.Face detect success screenshot

```
ec2-user@ip-172-31-40-232:/var/www/html/face
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Last login: Thu Apr  2 15:37:32 2020 from 27.56.231.131

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

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-40-232 ~]$ cd /var/www/html/face
[ec2-user@ip-172-31-40-232 face]$ sudo vim index.php
[ec2-user@ip-172-31-40-232 face]$ sudo php index.php
i
Image upload done... Here is the URL: https://demowebinar.s3.us-east-2.amazonaws
[ec2-user@ip-172-31-40-232 face]$ sudo php index.php
i
Image upload done... Here is the URL: https://demowebinar.s3.us-east-2.amazonaws.com/sample.jpgTotally there are 9 faces[ec2-user@ip-172-31-40-232 face]$
```