

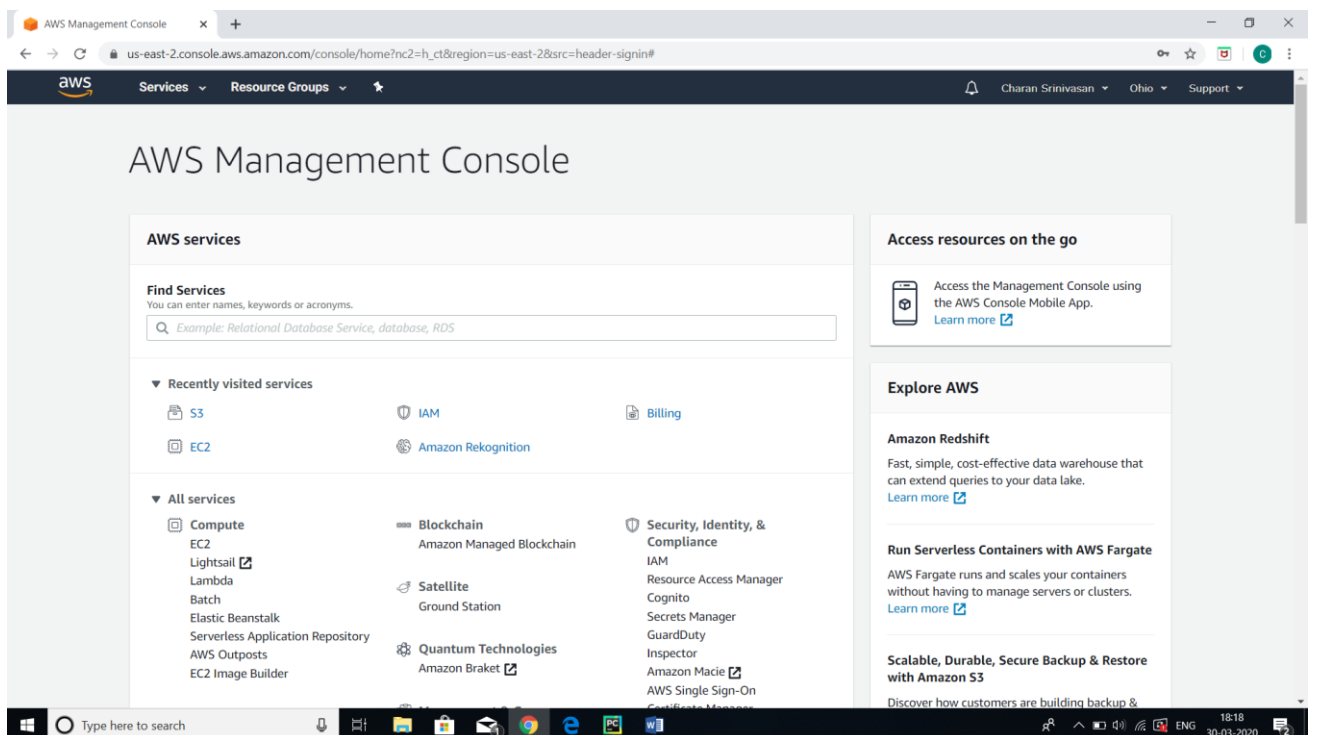
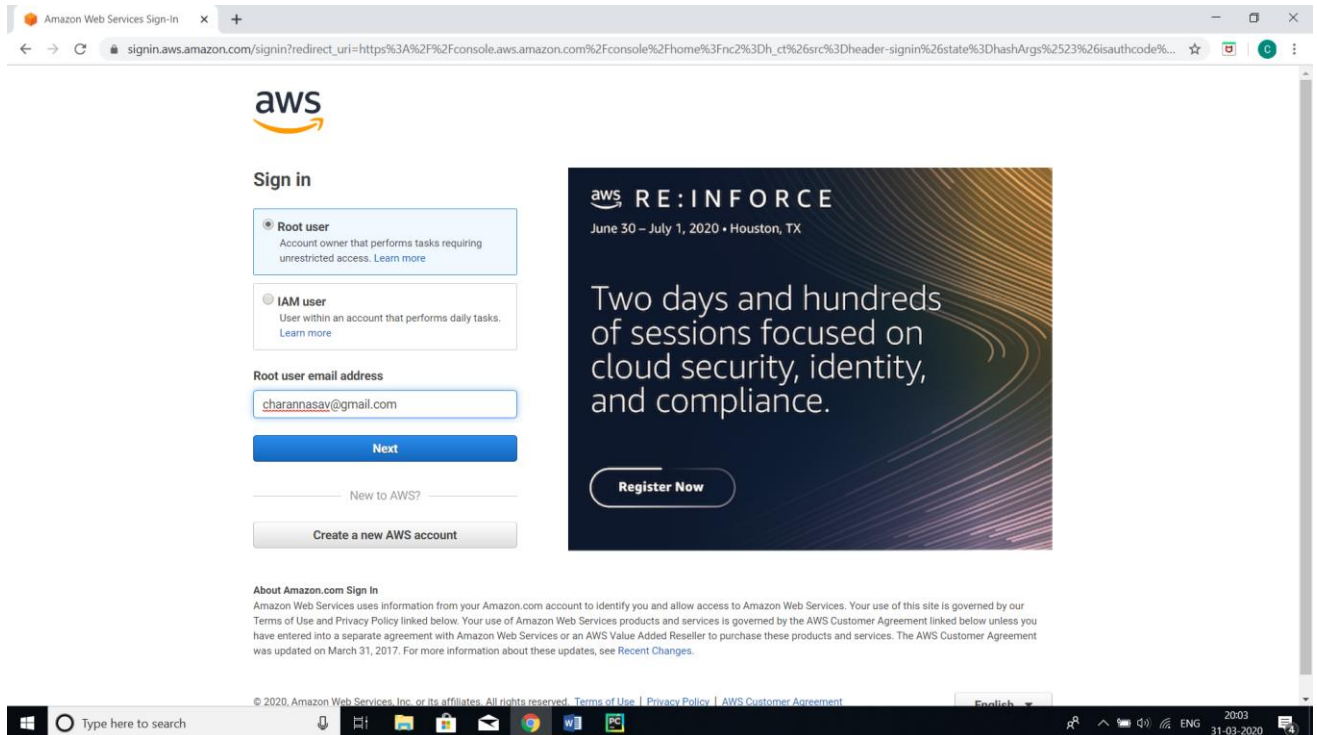
Build a Face-Detection AWS App

NAME:Charan Srinivasan

Screenshots:

1)AWS:

a)AWS login screen with username



b)EC2 Dashboard

The screenshot shows the AWS EC2 Management Console. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and a user profile 'Charan Srinivasan' in the 'Ohio' region. A blue banner at the top reads: '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.'

The left sidebar contains a navigation menu with categories: 'New EC2 Experience', 'EC2 Dashboard New', 'Events New', 'Tags', 'Reports', 'Limits', 'INSTANCES' (with sub-items like Instances, Instance Types, Launch Templates New, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts New, Capacity Reservations), 'IMAGES' (with sub-items like AMIs, Bundle Tasks), and 'ELASTIC BLOCK STORE' (with sub-item like Volumes).

The main content area is titled 'EC2' and features a 'Resources' section. It states: 'You are using the following Amazon EC2 resources in the US East (Ohio) Region:'. Below this is a table of resources:

Resource	Count
Running instances	1
Elastic IPs	0
Dedicated Hosts	0
Snapshots	0
Volumes	1
Load balancers	0
Key pairs	2
Security groups	2
Placement groups	0

Below the table is a blue box with a message: 'Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. [Learn more](#)'. At the bottom of the main area are buttons for 'Launch instance' and 'Service health'.

The right sidebar contains 'Account attributes' (with links for Supported platforms, Default VPC, Console experiments, and Settings) and 'Explore AWS' (with a link to optimize EC2 cost and performance with Spot Instances).

The bottom of the screen shows a Windows taskbar with a search bar, taskbar icons, and a system tray with the date '30-03-2020' and time '18:19'.

c)S3 Dashboard

The screenshot shows the AWS S3 Management Console. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and a user profile 'Charan Srinivasan' in the 'Global' region. A blue banner at the top reads: '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.'

The left sidebar contains a navigation menu with categories: 'Amazon S3', 'Buckets', 'Batch operations', 'Access analyzer for S3', 'Block public access (account settings)', and 'Feature spotlight 2'.

The main content area is titled 'Amazon S3' and features a 'Buckets (1)' section. It includes a search bar 'Find bucket by name', a 'Copy ARN' button, and buttons for 'Empty', 'Delete', and 'Create bucket'. Below this is a table of buckets:

Name	Region	Access	Bucket created
aws-webinar-charan	US East (Ohio) us-east-2	Objects can be public	2020-03-28T10:48:45.000Z

The bottom of the screen shows a Windows taskbar with a search bar, taskbar icons, and a system tray with the date '30-03-2020' and time '18:20'.

d) Rekognition Dashboard

The screenshot shows the Amazon Rekognition console dashboard. The browser address bar displays `us-east-2.console.aws.amazon.com/rekognition/home?region=us-east-2#`. The AWS navigation bar at the top includes the AWS logo, 'Services', 'Resource Groups', and a user profile for 'Charan Srinivasan' in the 'Ohio' region. A left-hand sidebar lists navigation options: 'Amazon Rekognition', 'Custom Labels' (with a 'New' tag), 'Use Custom Labels', 'Demos', 'Object and scene detection', 'Image moderation', 'Facial analysis', 'Celebrity recognition', 'Face comparison', 'Text in image', 'Video Demos', 'Video analysis', 'Metrics', and 'Additional Resources' (including 'Getting started guide' and 'Download SDKs'). The main content area features a large hero section with the title 'Amazon Rekognition' and the subtitle 'Deep learning-based visual analysis service. Search, verify, and organize millions of images and videos'. It includes 'Try Demo' and 'Download SDKs' buttons. Below this are three feature highlights: 1) 'Easily Integrate Powerful Visual Analysis into Your App' with an icon of stacked layers, explaining that Rekognition removes the complexity of building visual recognition capabilities. 2) 'Continuously Learning' with an icon of a circuit, stating that the service is designed to use deep learning technology to analyze billions of images and videos daily. 3) 'Integrated with AWS Services' with a puzzle piece icon, noting that Rekognition integrates directly with Amazon S3 and AWS Lambda for scalable, affordable, and reliable visual analysis applications. The footer contains a 'Feedback' link, 'English (US)' language selection, copyright information for 2008-2020, and links to 'Privacy Policy' and 'Terms of Use'. The system tray at the bottom shows the Windows search bar, taskbar icons, and system clock indicating 18:24 on 30-03-2020.

Rekognition Console

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

aws Services Resource Groups

Charan Srinivasan Ohio Support

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

Feedback English (US)

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Type here to search

18:24 30-03-2020

2)EC2:

a)Choosing an AMI

Launch instance wizard | EC2 M... x

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

Services Resource Groups

Charan Srinivasan 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 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

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

Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-01b01bbd08f24c7a8 [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

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

Feedback English (US)

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Type here to search

b) Choosing Instance type

Launch instance wizard | EC2 M... x

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

Services Resource Groups

Charan Srinivasan 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 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	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](#)

Feedback English (US)

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Type here to search

c) Adding storage

The screenshot shows the 'Add Storage' step of the AWS Launch Wizard. The breadcrumb trail at the top indicates the steps: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance, 4. Add Storage (current), 5. Add Tags, 6. Configure Security Group, and 7. Review. The main heading is 'Step 4: Add Storage'. Below it, a paragraph explains that the instance will be launched with specific storage settings and that additional EBS volumes can be attached after launch. A table lists the storage configuration for the root volume:

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

Below the table is an 'Add New Volume' button. A blue information box states: '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.'

At the bottom right, there are buttons for 'Cancel', 'Previous', 'Review and Launch', and 'Next: Add Tags'. The footer of the console shows the AWS logo, 'Services', 'Resource Groups', and user information: Charan Srinivasan, Ohio, and Support.

d) Configuring security group

The screenshot shows the 'Configure Security Group' step of the AWS Launch Wizard. The breadcrumb trail at the top indicates the steps: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance, 4. Add Storage, 5. Add Tags, 6. Configure Security Group (current), and 7. Review. The main heading is 'Step 6: Configure Security Group'. Below it, a paragraph explains that a security group is a set of firewall rules that control traffic to the instance and that rules can be added to allow specific traffic.

Under the heading 'Assign a security group:', there are two radio buttons: 'Create a new security group' (selected) and 'Select an existing security group'. Below these, there are input fields for 'Security group name' (containing 'launch-wizard-1') and 'Description' (containing 'launch-wizard-1 created 2020-03-28T10:43:33.941+05:30').

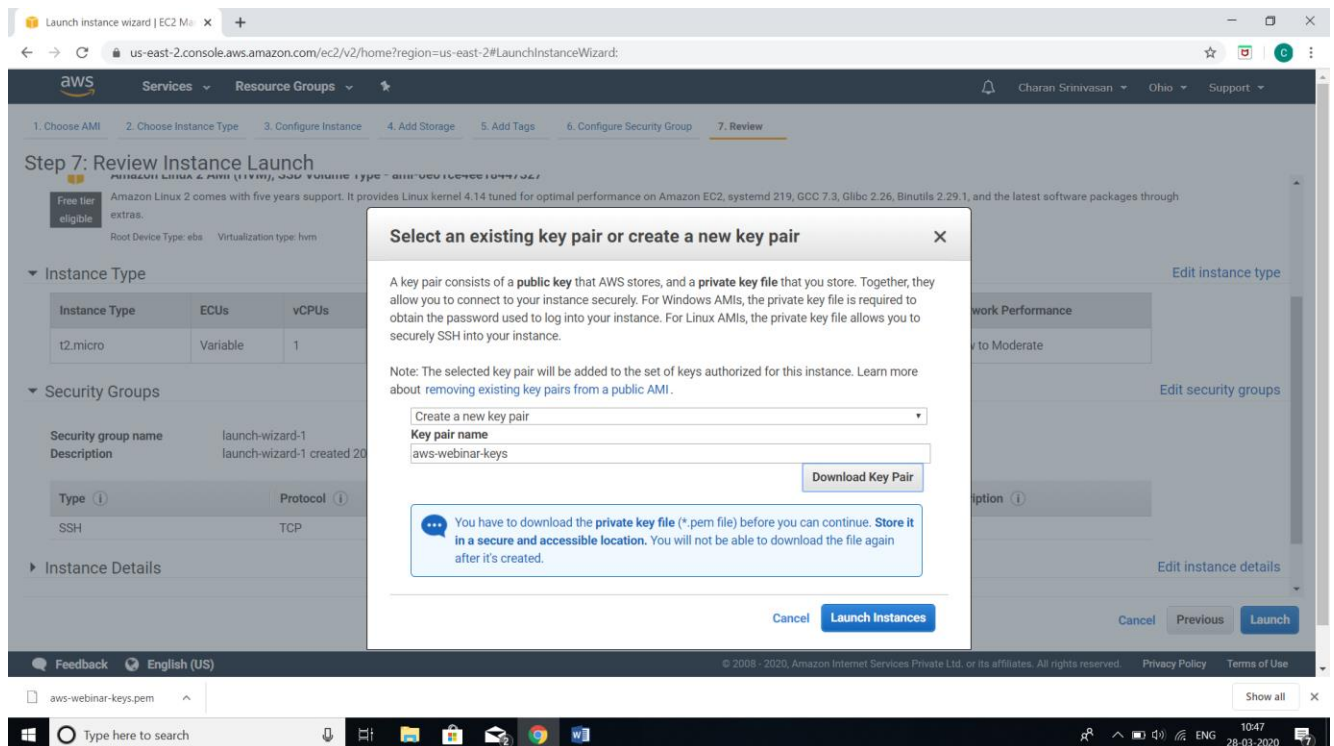
Below the input fields is a table for adding security rules:

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

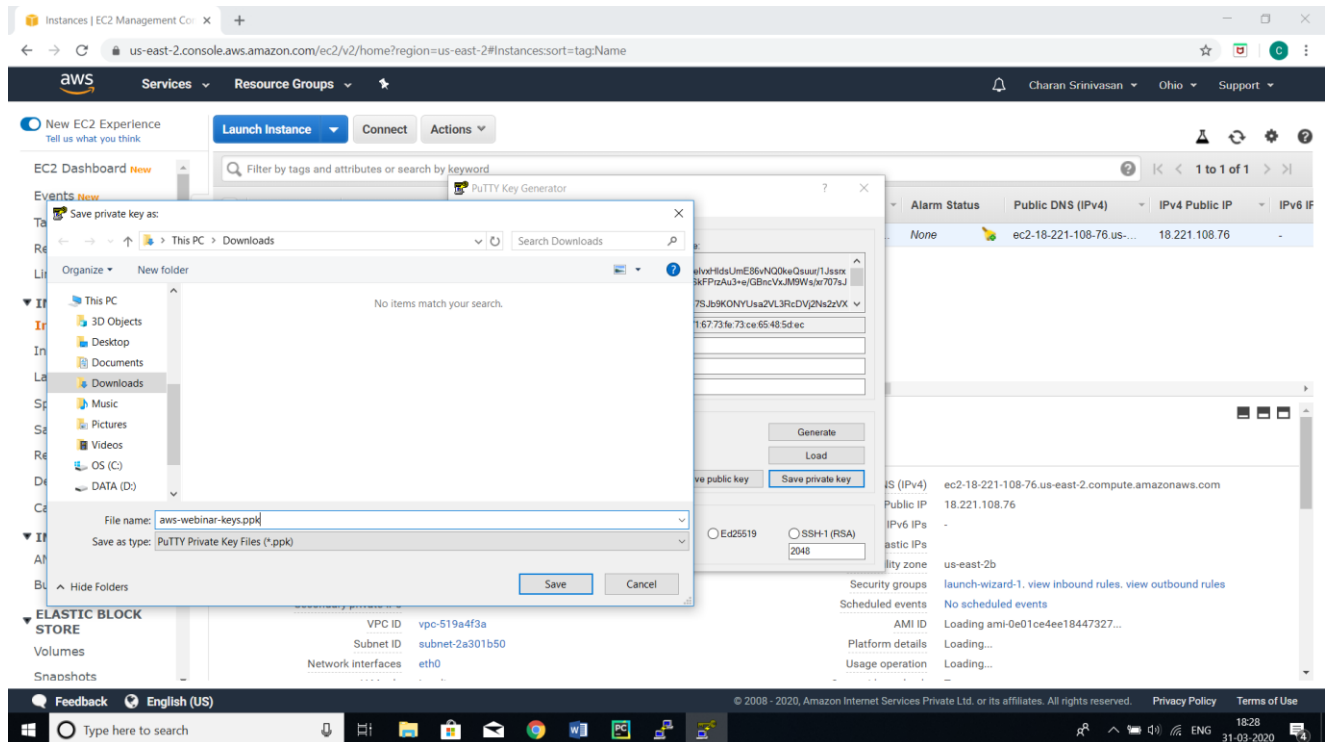
Below the table is an 'Add Rule' button. A yellow warning box states: 'Warning: Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.'

At the bottom right, there are buttons for 'Cancel', 'Previous', 'Review and Launch', and 'Next: Add Tags'. The footer of the console shows the AWS logo, 'Services', 'Resource Groups', and user information: Charan Srinivasan, Ohio, and Support.

e) Key pair download

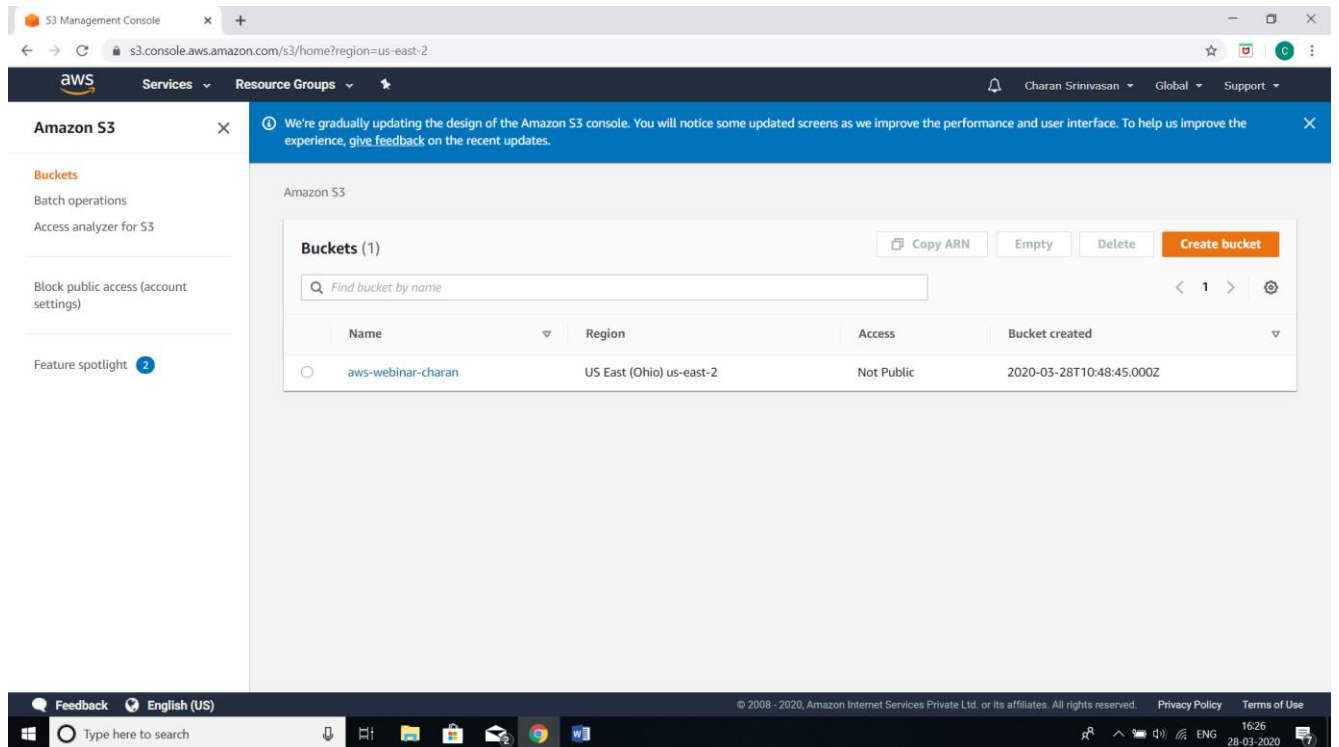


f) PuTTYgen conversion from .pem to .ppk

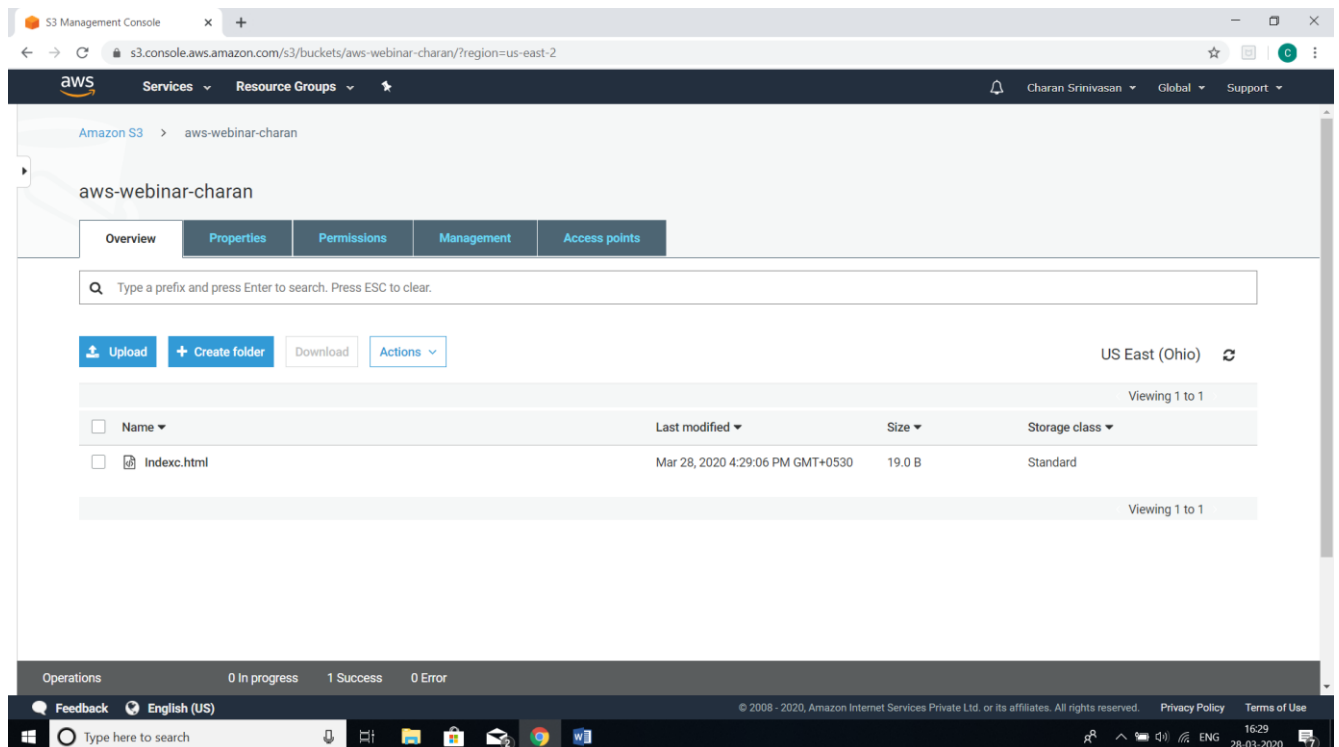


3)S3:

a)Creating bucket



b)Uploading an object



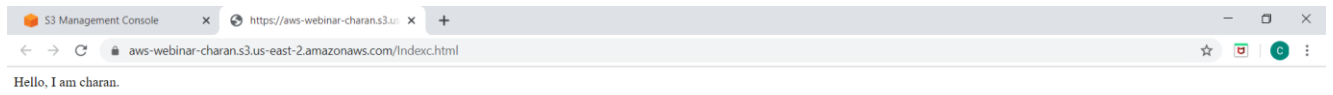
c) Enabling static website

The screenshot shows the AWS S3 Management Console interface. The browser address bar displays the URL: `s3.console.aws.amazon.com/s3/buckets/aws-webinar-charan/?region=us-east-2&tab=properties`. The console header includes the AWS logo, navigation tabs for 'Services' and 'Resource Groups', and user information for 'Charan Srinivasan'. The main content area is titled 'aws-webinar-charan' and features a tabbed interface with 'Overview', 'Properties', 'Permissions', 'Management', and 'Access points'. The 'Static website hosting' tab is selected, showing a toggle switch for 'Bucket hosting' which is currently turned on (indicated by a purple checkmark). Other tabs like 'Versioning', 'Server access logging', 'Object-level logging', and 'Default encryption' are also visible, each with a 'Learn more' link and a 'Disabled' status.

d) Making object public

The screenshot shows the AWS S3 Management Console interface for a specific object. The browser address bar displays the URL: `s3.console.aws.amazon.com/s3/object/aws-webinar-charan/Indexc.html?region=us-east-2`. The console header is consistent with the previous screenshot. The main content area is titled 'Indexc.html' and includes a 'Latest version' dropdown. Below the title, there are buttons for 'Open', 'Download', 'Download as', 'Make public', and 'Copy path'. The 'Properties' tab is selected, displaying the following details: Owner (e6bfcc11d8c9b092d2c9bb939d9e0a468de6b4f5c5f52e2a9b01044f37c98276), Last modified (Mar 28, 2020 4:29:06 PM GMT+0530), Etag (c994ed9bd24b08617e180c3f5b9ad562), Storage class (Standard), Server-side encryption (None), Size (19.0 B), Key (Indexc.html), and Object URL (`https://aws-webinar-charan.s3.us-east-2.amazonaws.com/Indexc.html`).

e)Checking S3 link on browser



4) Rekognition:

1) Facial analysis

The screenshot shows the AWS Rekognition console interface. The left sidebar contains a navigation menu with options like Custom Labels, Demos, Object and scene detection, Image moderation, Facial analysis (selected), Celebrity recognition, Face comparison, Text in image, Video Demos, Video analysis, Metrics, and Additional Resources. The main content area is titled 'Facial analysis' and includes a description: 'Get a complete analysis of facial attributes, including confidence scores.' Below this is a large image of a woman wearing sunglasses, with a bounding box around her face. To the right of the image is a 'Results' section showing various attributes and their confidence scores:

Attribute	Confidence Score
looks like a face	99.9 %
appears to be female	99.9 %
age range	17 - 29 years old
smiling	91.7 %
appears to be happy	99.5 %
wearing glasses	99.8 %

Below the results is a 'Show more' link and a 'Request' button. At the bottom of the console, there is a 'Choose a sample image' section with a 'Use your own image' button and a 'Feedback' button.

b) Face comparison

The screenshot shows the AWS Rekognition console interface for the 'Face comparison' demo. The left sidebar is the same as in the previous screenshot, but 'Face comparison' is now selected. The main content area is titled 'Face comparison' and includes a description: 'Compare faces to see how closely they match based on a similarity percentage.' Below this is a 'Reference face' section showing a photo of a man in a yellow shirt. To the right is a 'Comparison faces' section showing a photo of a group of men in blue shirts. Below these images is a 'Results' section showing the similarity percentage between the reference face and the comparison faces:

Comparison	Similarity
Reference face vs. Comparison faces (Group 1)	99.5 %
Reference face vs. Comparison faces (Group 2)	Not similar
Reference face vs. Comparison faces (Group 3)	Not similar

Below the results is a 'Show more' link and a 'Request' button. At the bottom of the console, there is a 'Choose a sample image' section with a 'Use your own image' button and a 'Feedback' button.

c)Celebrity recognition

The screenshot shows the AWS Rekognition Console interface. The left sidebar lists various services, with 'Celebrity recognition' highlighted. The main content area displays a large image of a man with a blue bounding box around his face. To the right, the 'Results' section shows a match for 'Vijay' with a 'Match confidence' of 99%. Below the results, there are sections for 'Request' and 'Response'. The bottom of the console shows a Windows taskbar with various application icons and a system clock indicating 18:48 on 30-03-2020.

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

Celebrity recognition

Rekognition automatically recognizes celebrities in images and provides confidence scores.

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

▼ Results

 **Vijay**
[Learn More](#)

Match confidence 99 %

► Request

► Response

Feedback English (US)

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Type here to search

18:48 30-03-2020

d)Text in image

The screenshot shows the AWS Rekognition Console interface for the 'Text in image' demo. The left sidebar lists various services, with 'Text in image' highlighted. The main content area displays a large image of a green car with the license plate 'J389 NLT'. To the right, the 'Results' section shows the extracted text: '| C |' and '| J389 | NLT |'. Below the results, there are sections for 'Request' and 'Response'. The bottom of the console shows a Windows taskbar with various application icons and a system clock indicating 18:28 on 30-03-2020.

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

Text in image

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

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

▼ Results US English only

| C |
| J389 | NLT |

► 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.

[Upload](#) or drag and drop.

Feedback English (US)

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Type here to search

18:28 30-03-2020

a)Installing php

b)Installing aws-sdk

```

ec2-user@ip-172-31-30-116:/var/www/html$
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Last login: Tue Mar 31 14:02:59 2020 from 106.78.163.13

 _ _ _ _ _
|_|   |_|   |_|
|_|   |_|   |_|

Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-30-116 ~]$ sudo yum install httpd
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core
Package httpd-2.4.41-1.amzn2.0.1.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-30-116 ~]$ sudo yum install php
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package php-7.2.29-1.amzn2.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-30-116 ~]$ 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-172-31-30-116 ~]$ cd /var/www/html
[ec2-user@ip-172-31-30-116 html]$ cd face
[ec2-user@ip-172-31-30-116 face]$ sudo php -d memory_limit=-1 ~/composer.phar re
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)
Nothing to install or update
Package guzzle/guzzle is abandoned, you should avoid using it. Use guzzlehttp/gu
Generating autoload files
1 package you are using is looking for funding.
Use the 'composer fund' command to find out more!
[ec2-user@ip-172-31-30-116 face]$

```


c)Indexc.php file code

```
ec2-user@ip-172-31-30-116:~
cd /var/www/html
sudo mkdir face
cd face
sudo php -d memory_limit=1 ~/composer.phar require aws/aws-sdk-php

In case if you get memory error -
    sudo /bin/dd if=/dev/zero of=/var/swap.1 bs=1M count=1024
    sudo /sbin/mkswap /var/swap.1
    sudo /sbin/swapon /var/swap.1

sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
sudo mv b97ea33b5842c7894b804923c6c05580.jpg sample.jpg

*/
error_reporting(0);

require_once(__DIR__ . '/vendor/autoload.php');

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

$bucket = 'aws-webinar-charan';
$keyname = 'sample.jpg';

$s3 = S3Client::factory([
    'profile' => 'default',
    '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'
    ]);

    // Print the URL to the object.
    $imageUrl = $result['ObjectURL'];
    if($imageUrl) {
        echo "Image upload done... Here is the URL: " . $imageUrl;
    }
} catch (Exception $e) {
    echo $e->getMessage() . PHP_EOL;
}

55,1 Bot
```

d)Upload success screenshot

```
ec2-user@ip-172-31-30-116:/var/www/html/face
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Last login: Sun Mar 29 11:22:34 2020 from 106.77.61.124

┌───┴───┐ 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-172-31-30-116 ~]$ sudo yum install php
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core
Package php-5.4.16-46.amzn2.0.2.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-30-116 ~]$ 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-172-31-30-116 ~]$ cd /var/www/html
[ec2-user@ip-172-31-30-116 html]$ cd face
[ec2-user@ip-172-31-30-116 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-172-31-30-116 face]$ sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
--2020-03-29 11:35:50-- https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
Resolving i.pinimg.com (i.pinimg.com)... 104.18.15.176, 104.18.14.176, 2600:1408:20:a8b:1931, ...
Connecting to i.pinimg.com (i.pinimg.com)|104.18.15.176|:443... connected.
HTTP request sent, awaiting response... 200 OK
length: 215551 (210K) [image/jpeg]
Saving to: 'b97ea33b5842c7894b804923c6c05580.jpg'

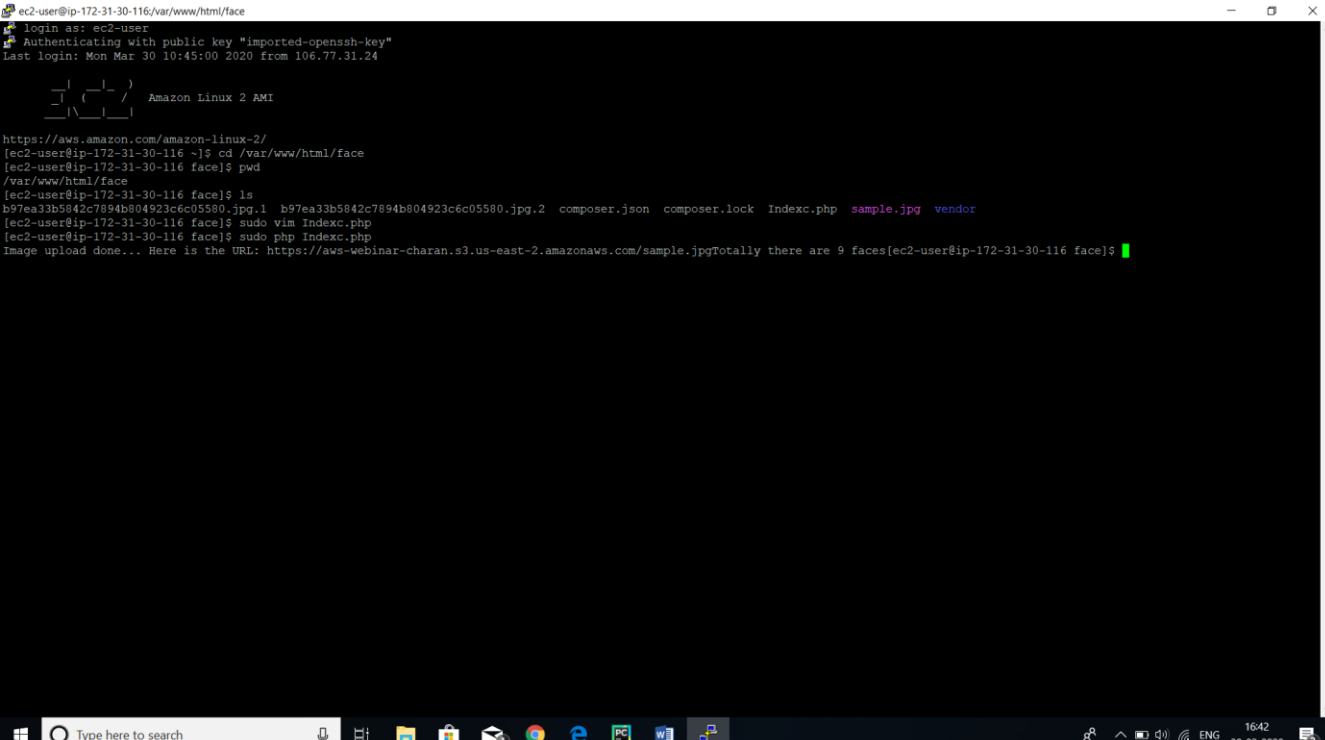
100%[=====>] 215,551 --.-K/s in 0.03s

2020-03-29 11:35:50 (6.19 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg' saved [215551/215551]

[ec2-user@ip-172-31-30-116 face]$ sudo mv b97ea33b5842c7894b804923c6c05580.jpg samples.jpg
[ec2-user@ip-172-31-30-116 face]$ sudo vim Indexc.php
[ec2-user@ip-172-31-30-116 face]$ sudo php Indexc.php
Image upload done... Here is the URL: https://aws-webinar-charan.s3.us-east-2.amazonaws.com/samples.jpg[ec2-user@ip-172-31-30-116 face]$
```

6)EC2&Rekognition:

Face detect success screenshot



```

ec2-user@ip-172-31-30-116:/var/www/html/face
login as: ec2-user
Authentication with public key "imported-openssh-key"
Last login: Mon Mar 30 10:45:00 2020 from 106.77.31.24

  _|_  _|_  )
  _|_  _|_  /
  _|_  _|_  !    Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
ec2-user@ip-172-31-30-116 ~]$ cd /var/www/html/face
ec2-user@ip-172-31-30-116 face]$ pwd
/var/www/html/face
ec2-user@ip-172-31-30-116 face]$ ls
b97ea33b5842c7894b804923c6c05580.jpg.1  b97ea33b5842c7894b804923c6c05580.jpg.2  composer.json  composer.lock  Indexc.php  sample.jpg  vendor
ec2-user@ip-172-31-30-116 face]$ sudo vim Indexc.php
ec2-user@ip-172-31-30-116 face]$ sudo php Indexc.php
Image upload done... Here is the URL: https://aws-webinar-charan.s3.us-east-2.amazonaws.com/sample.jpgTotally there are 9 faces[ec2-user@ip-172-31-30-116 face]$
  
```

