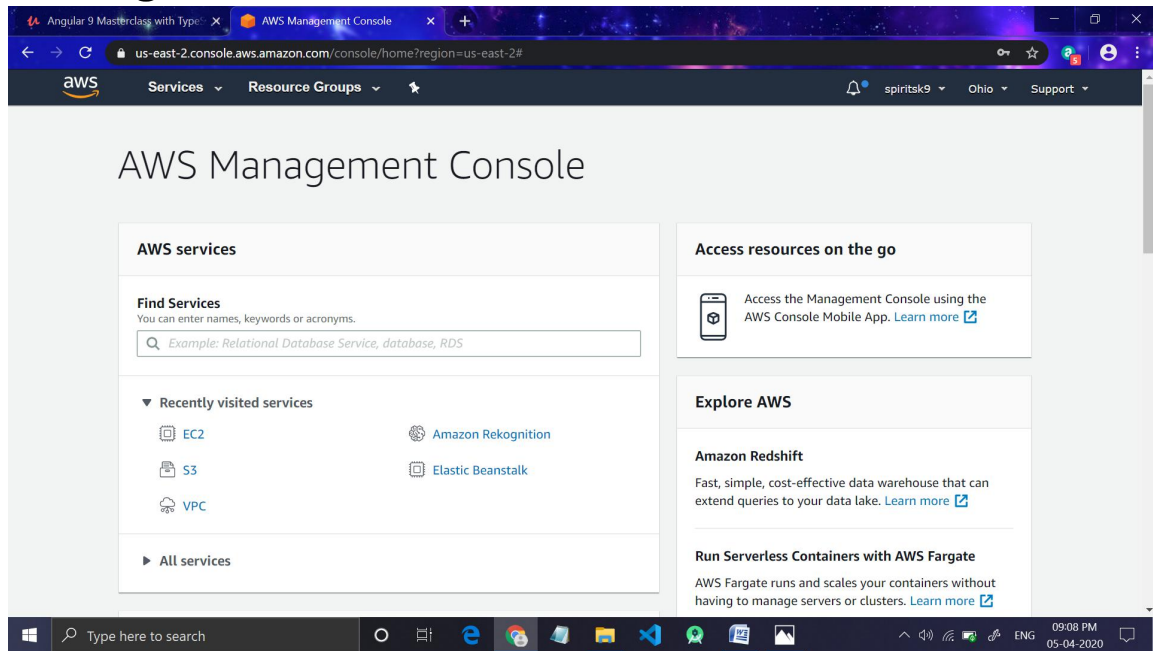
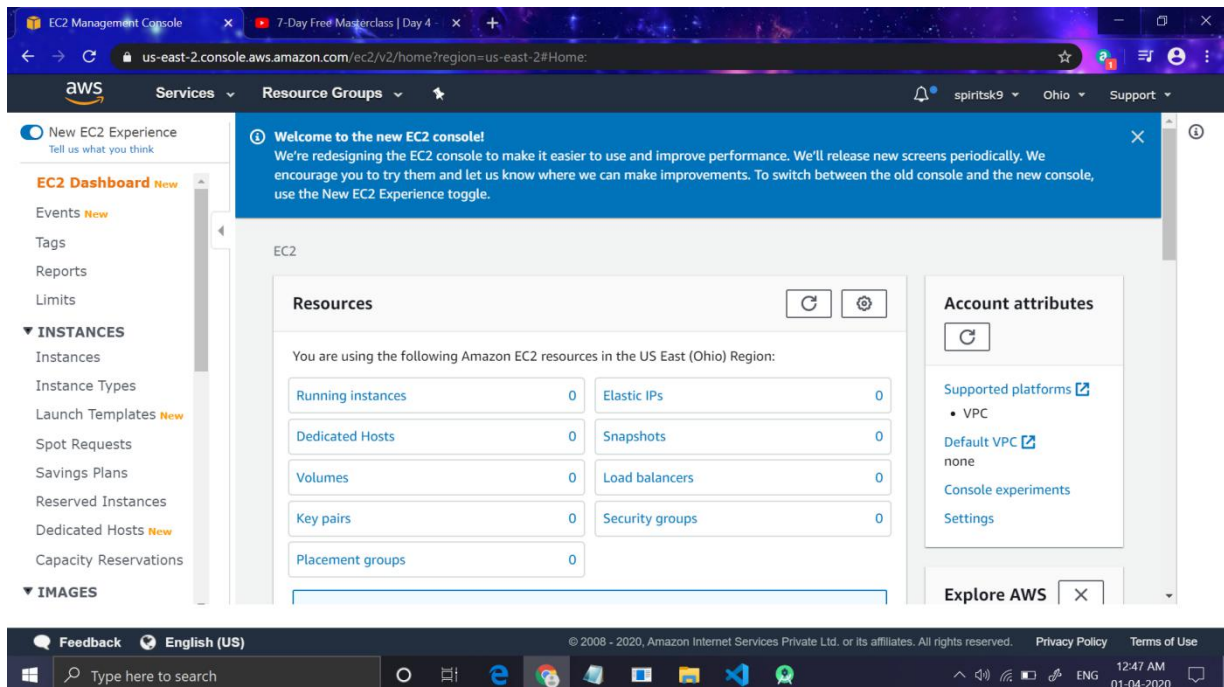


Dashboard Screenshots

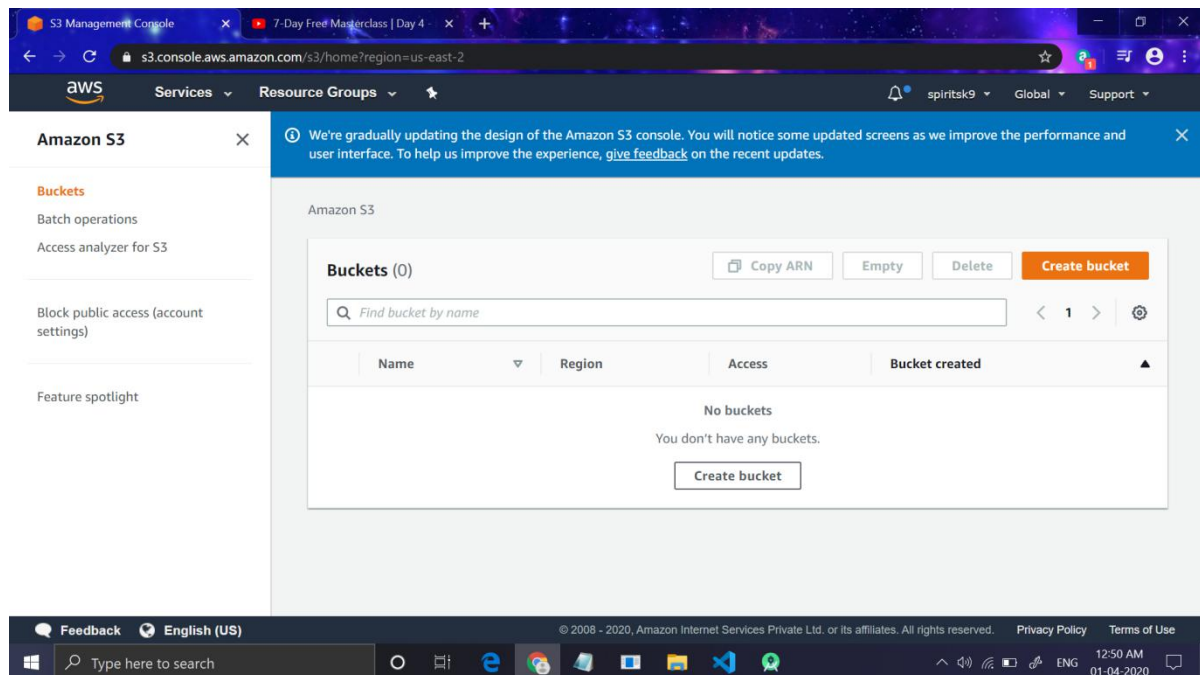
AWS Log in screen with username



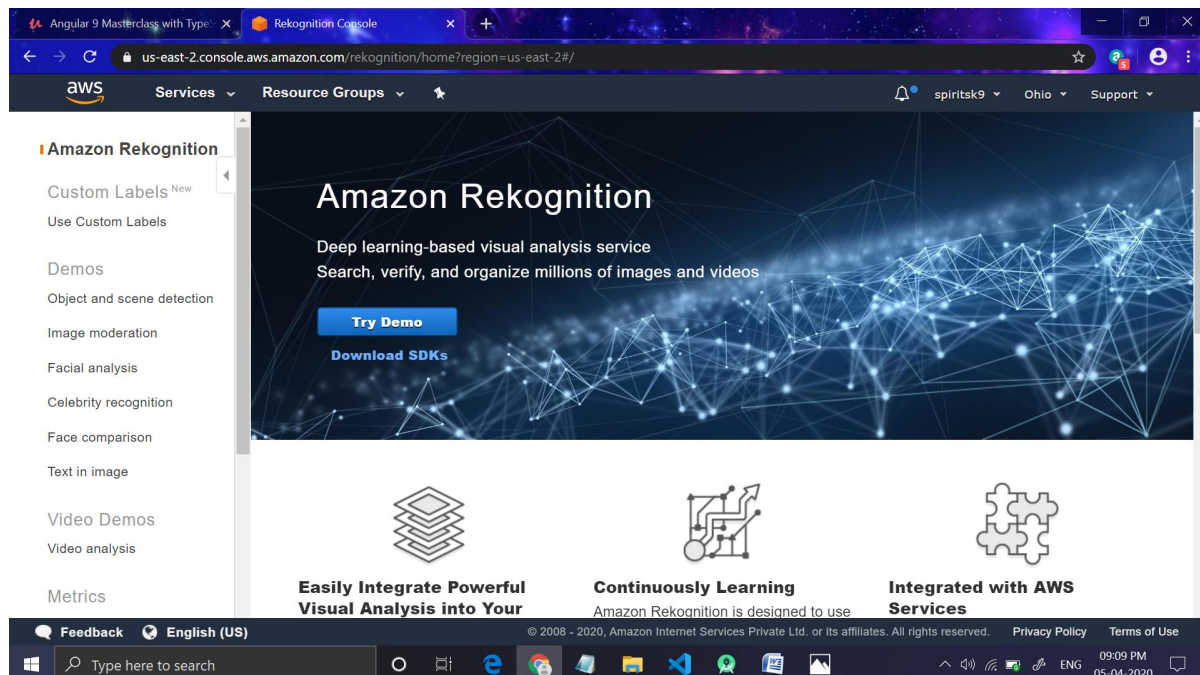
EC2 Dashboard



S3 Dashboard



Rekognition Dashboard



EC2

1. Choosing an AMI

Launch instance wizard | EC2 M... | vpcs | VPC Management Console | 7-Day Free Masterclass | Day 4 |

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 1: Choose an Amazon Machine Image (AMI)

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

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

Quick Start

My AMIs

AWS Marketplace

Community AMIs

Free tier only

Amazon Linux Free tier eligible

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

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

Select

64-bit (x86)

64-bit (Arm)

Amazon Linux AMI 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.

Select

64-bit (x86)

Feedback English (US)

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Type here to search

ENG 12:58 AM 01-04-2020

2. Choosing an instance type

Launch instance wizard | EC2 M... | vpcs | VPC Management Console | 7-Day Free Masterclass | Day 4 |

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

Cancel Previous Review and Launch Next: Configure Instance Details

Feedback English (US)

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Type here to search

ENG 12:58 AM 01-04-2020

3. Adding Storage

The screenshot shows the AWS Management Console at the URL `us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard:`. The navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information 'spiritsk9', 'Ohio', and 'Support'. The wizard progress bar shows steps 1 through 7, with '4. Add Storage' selected.

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 Encrypt

[Add New Volume](#)

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

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Tags](#)

4. Configuring security group

The screenshot shows the AWS Management Console at the same URL as the previous image. The navigation bar and progress bar are identical, with '6. Configure Security Group' selected.

Step 6: Configure Security Group

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

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

Security group name:

Description:

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

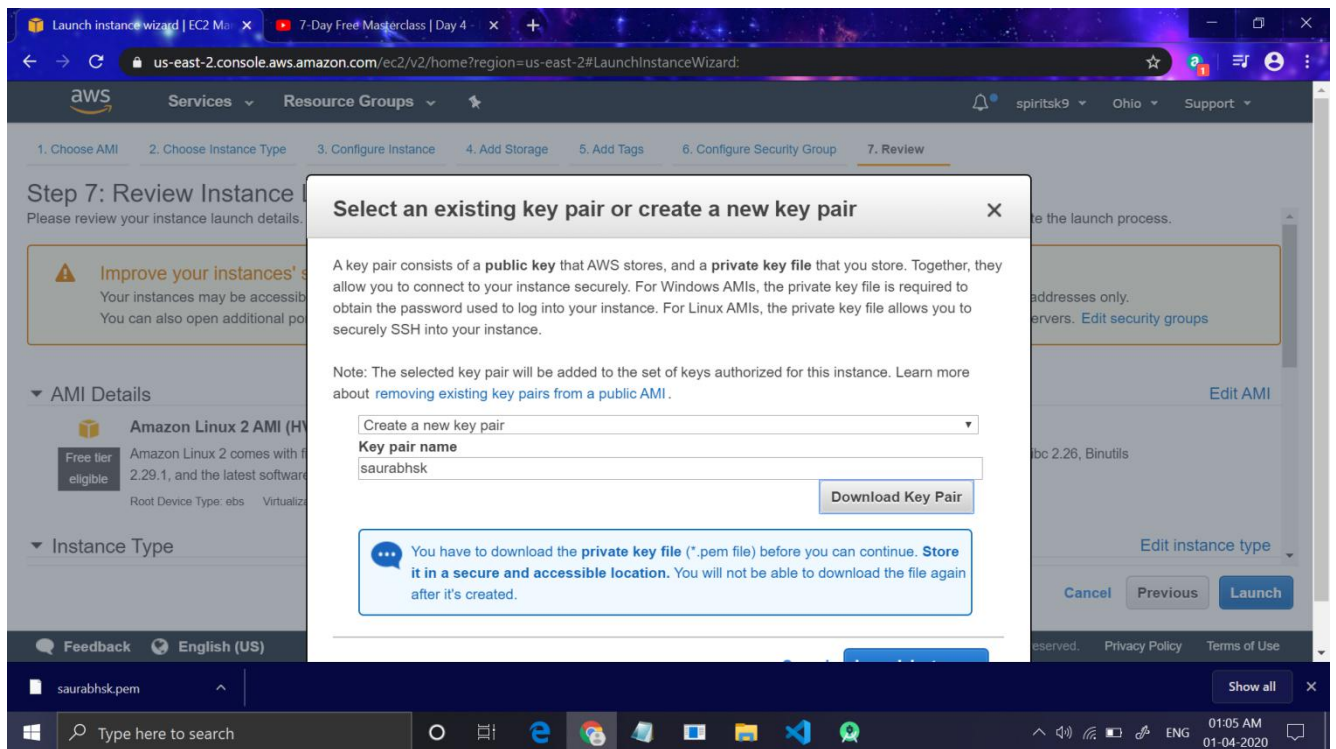
[Add Rule](#)

Warning

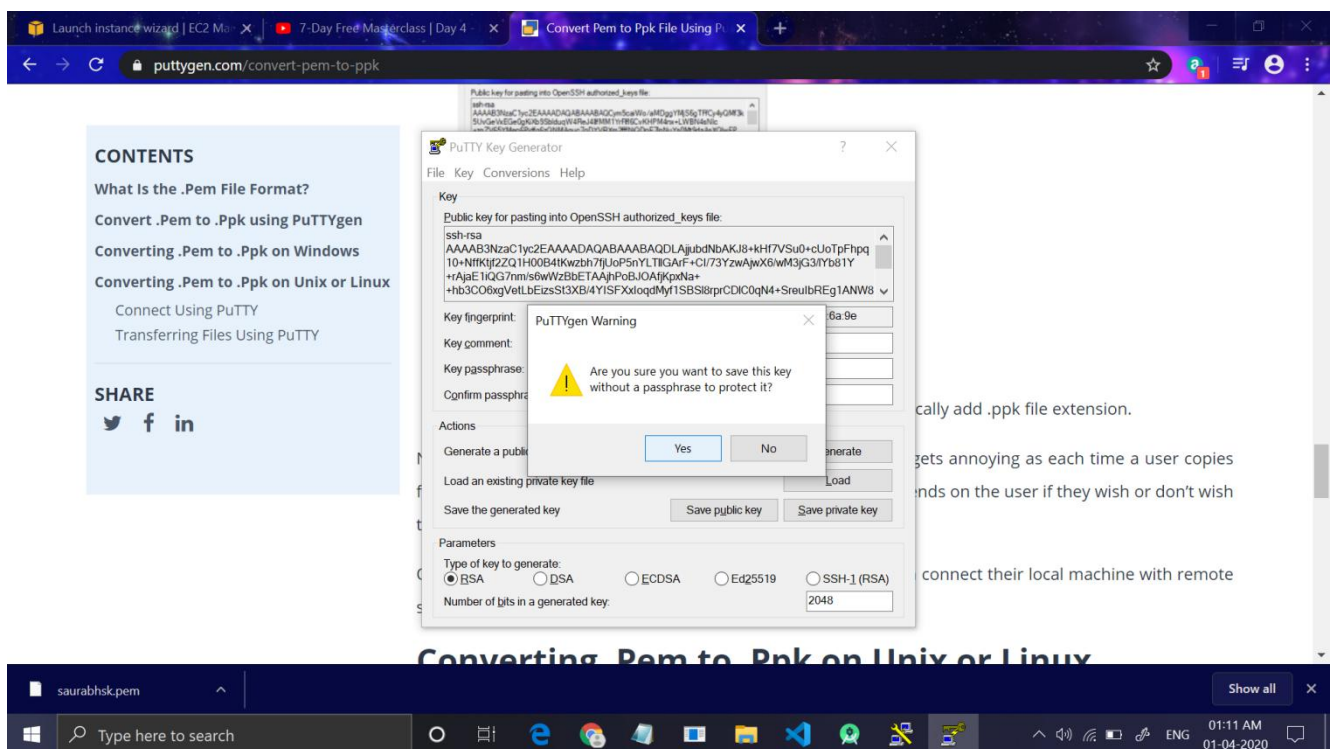
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

[Cancel](#) [Previous](#) [Review and Launch](#)

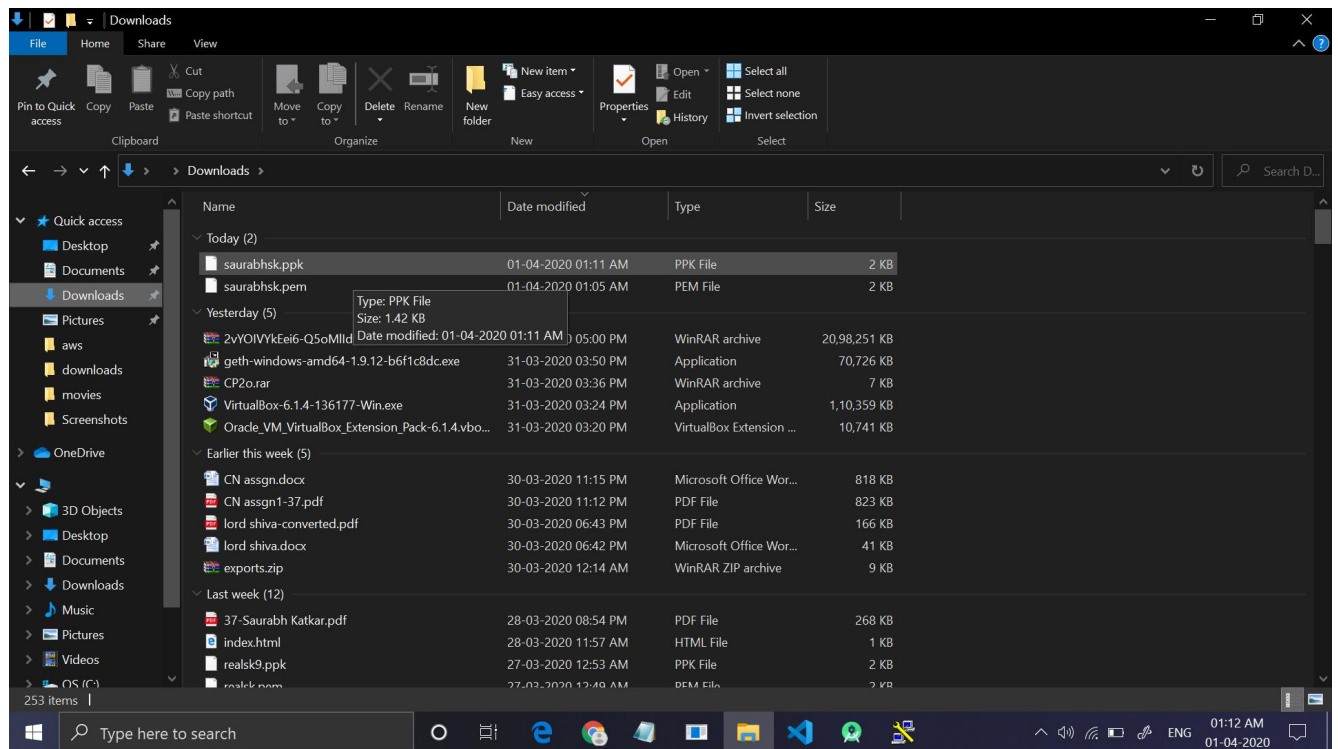
5. Key pair download



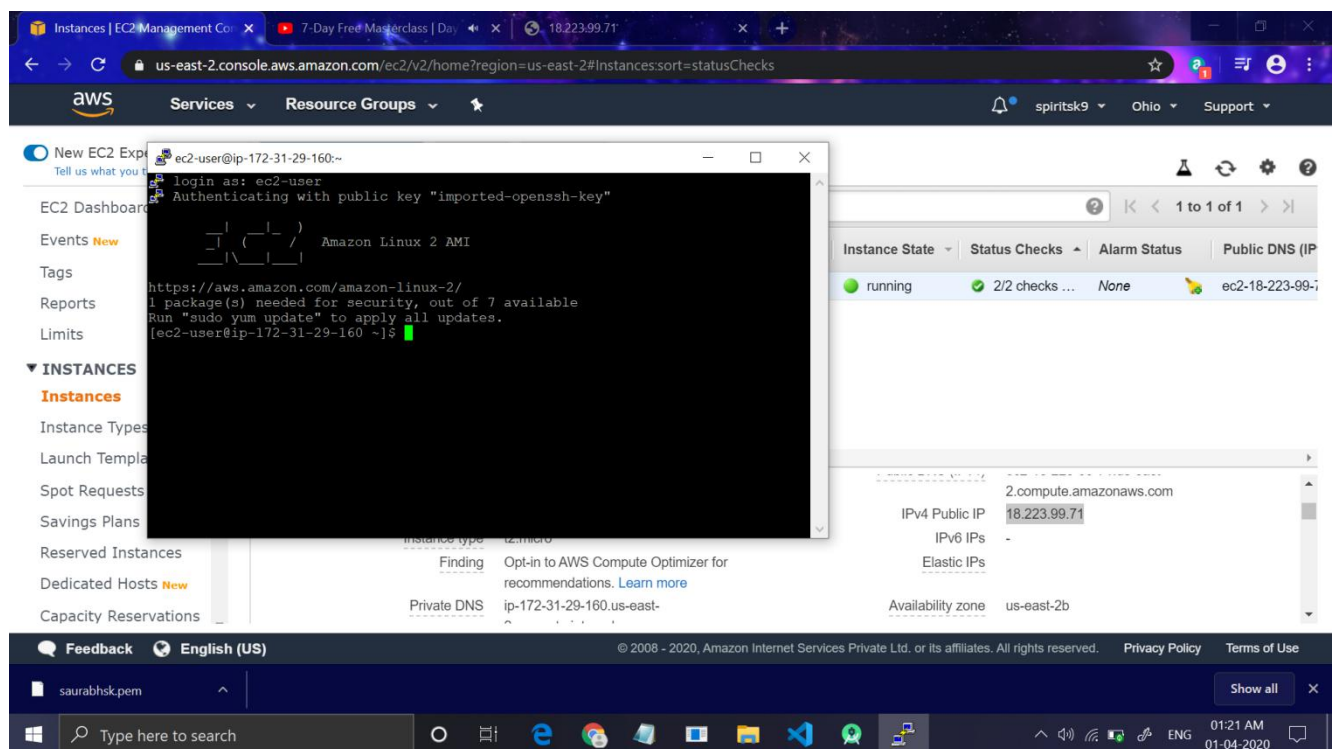
6. Puttygen conversion from pem to ppk(1)



Puttygen conversion from pem to ppk(2)

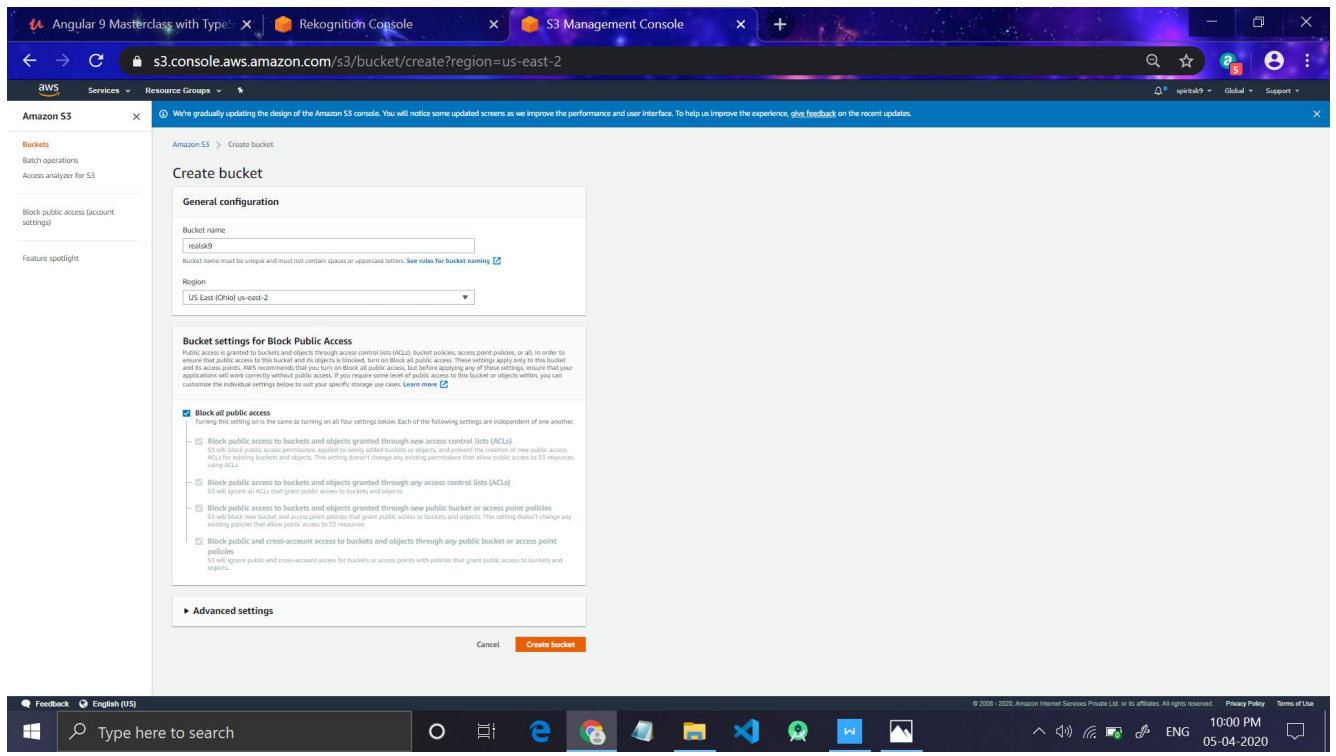


7. Logged in to ec2 black screen

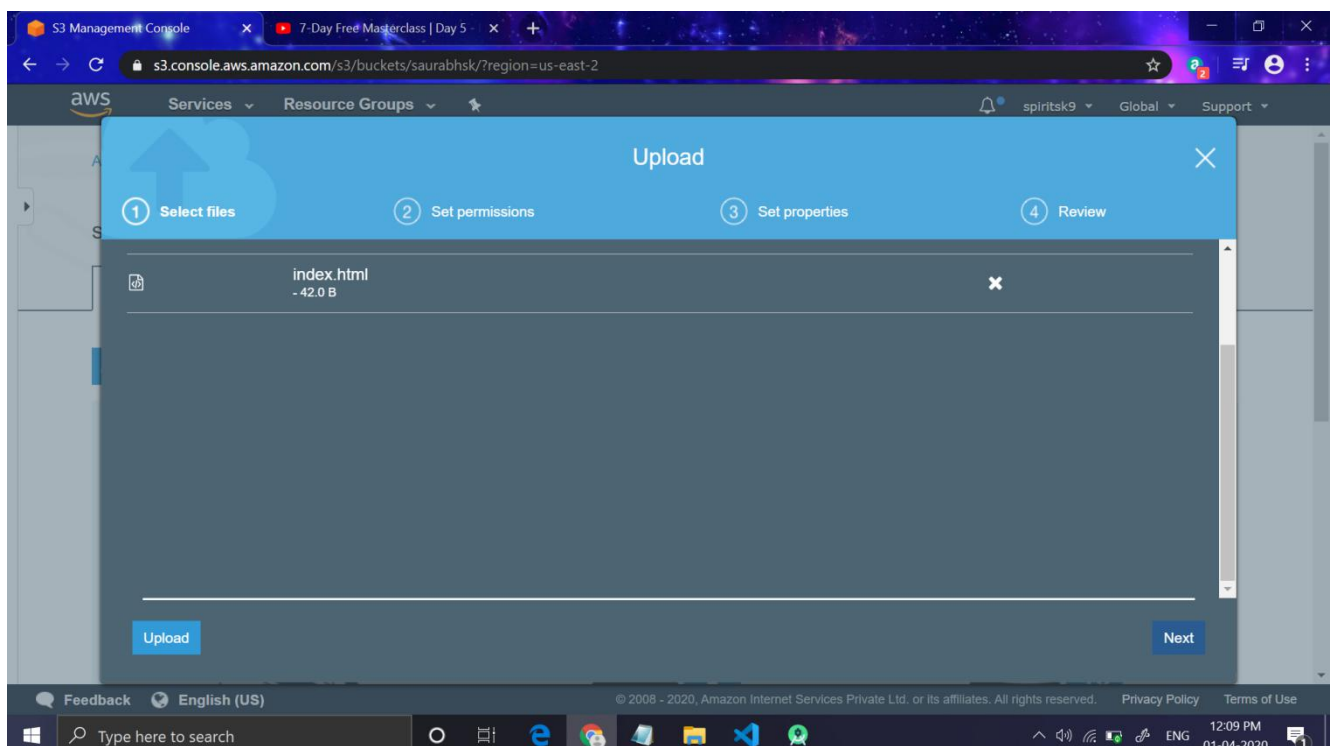


S3

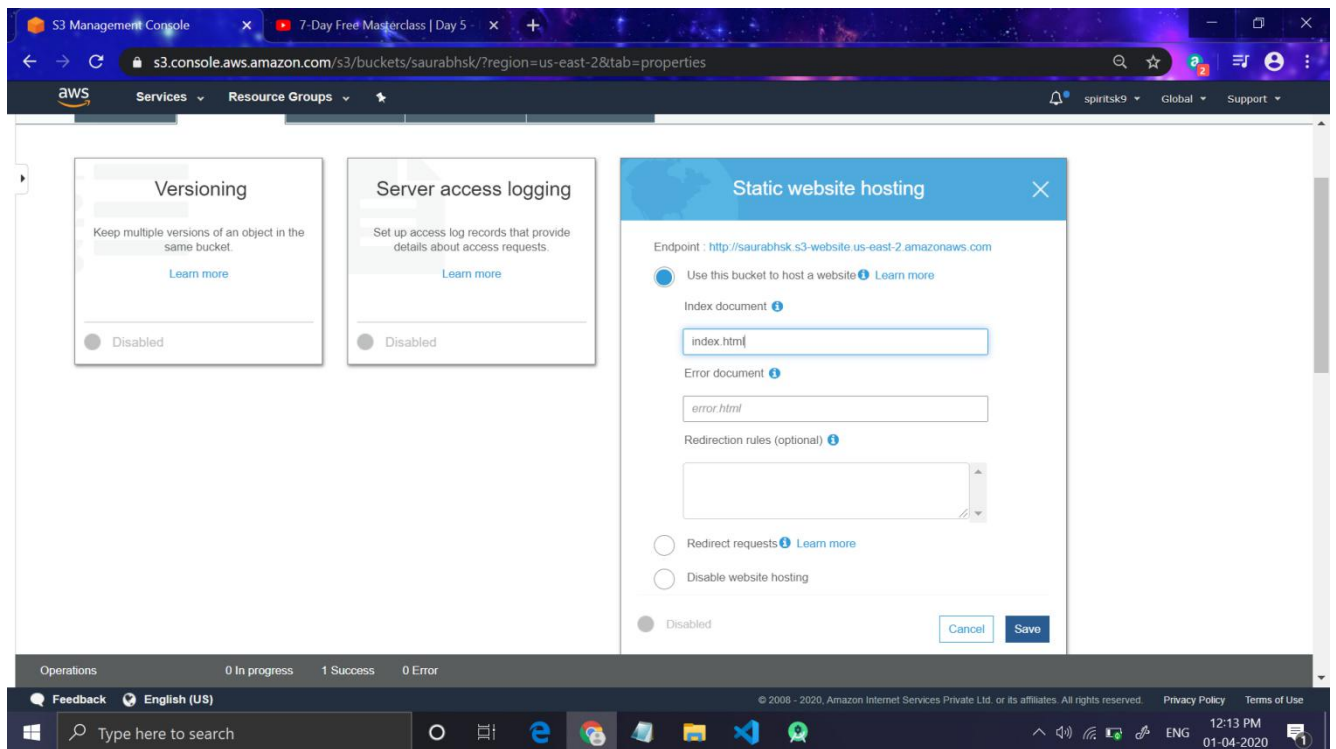
1. Creating a Bucket



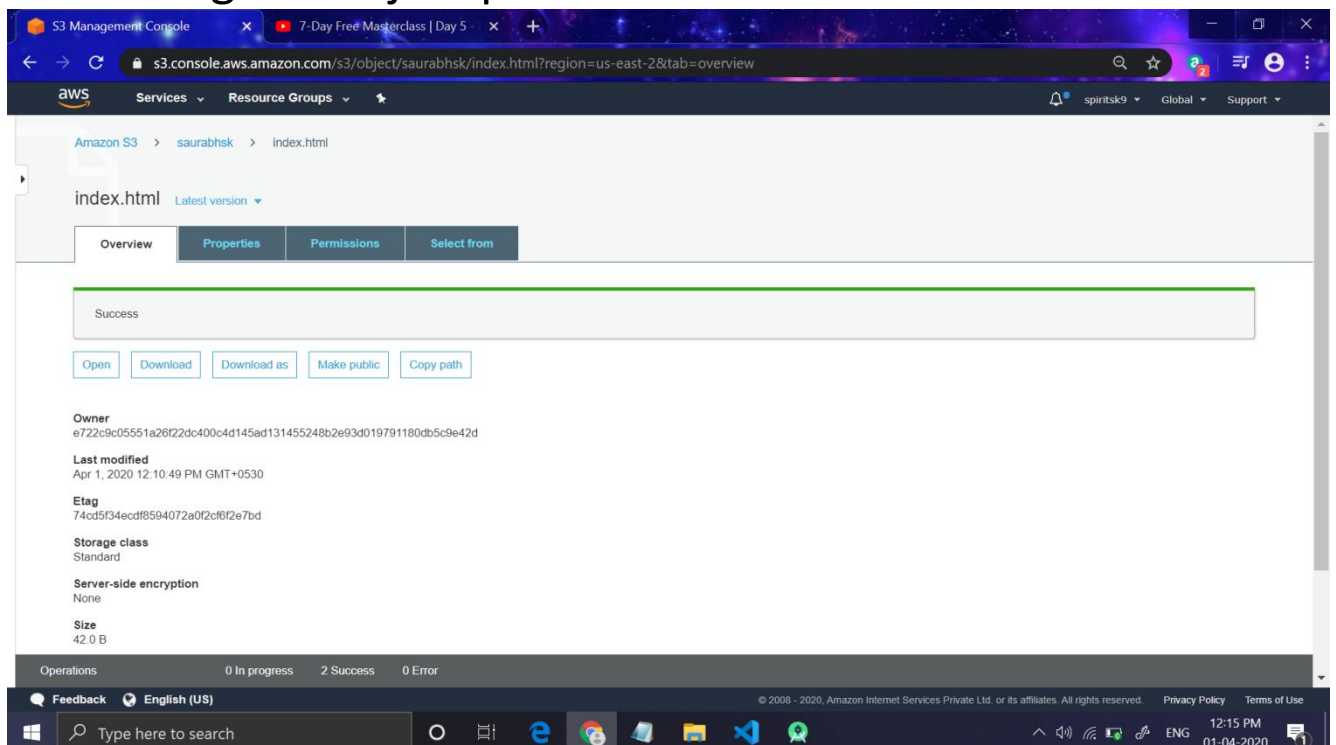
2. Uploading an object



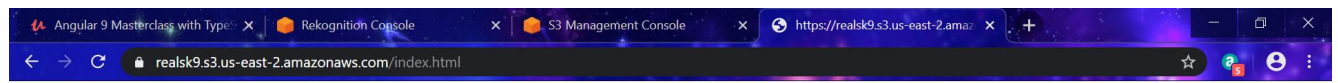
3. Enabling Static Website



4. Making the object public



5. Cheking s3 link in browser



HII IM Saurabh nam to sunahi hongaa...



Rekognition

1. Face Detect

The screenshot shows the AWS Rekognition Console interface for the 'Facial analysis' demo. The left sidebar contains a navigation menu with options like 'Use 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 'Metrics'. The main content area displays a large image of two people in winter gear with bounding boxes around their faces. Below this image are two buttons: 'Choose a sample image' and 'Use your own image'. To the right, a 'Results' panel shows the following data:

Attribute	Value
looks like a face	99.9 %
appears to be female	53.4 %
age range	23 - 37 years old
not smiling	53.6 %
appears to be surprised	52 %

The bottom of the browser window shows the Windows taskbar with the search bar and various application icons. The system clock indicates 09:42 PM on 29-03-2020.

2. Face Compare

The screenshot shows the AWS Rekognition Console interface for the 'Face comparison' demo. The left sidebar is similar to the first screenshot, but with 'Face comparison' selected. The main content area displays a 'Reference face' (a man in a blue shirt) and 'Comparison faces' (a group of men in blue shirts). Below these are buttons for 'Choose a sample image' and 'Use your own image'. To the right, a 'Results' panel shows a list of comparison results with similarity percentages. The top result shows a similarity of 99.2%.

Comparison faces	Similarity
[Image of a man in a blue shirt]	99.2 %
[Image of a man in a blue shirt]	
[Image of a man in a blue shirt]	
[Image of a man in a blue shirt]	
[Image of a man in a blue shirt]	
[Image of a man in a blue shirt]	
[Image of a man in a blue shirt]	
[Image of a man in a blue shirt]	

The bottom of the browser window shows the Windows taskbar with the search bar and various application icons. The system clock indicates 09:46 PM on 29-03-2020.

3. Celebrity Rekognition

Rekognition Console

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

Services Resource Groups

spiritsk9 Ohio Support

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

Celebrity recognition

Rekognition automatically recognizes celebrities in images and provides confidence scores.

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

Results

 **Salman Khan** [Learn More](#)

Match confidence 89 %

Request

Response

Feedback English (US)

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Salman_Khan_filmf...jpg depositphotos_139...jpg gim-go-a-cutoff.jpg hqdefault.jpg 200304110626-bo...jpg Show all

Type here to search

09:43 PM 29-03-2020

4. Text in Image

Rekognition Console

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

Services Resource Groups

spiritsk9 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

Text in image

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

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

Results

US English only

Registration Process

ORS

TQM

Log in to the system

Arrive at the hospital

Get an appointment

Queue at registration window

Arrive at the hospital

Get registration

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.

Feedback English (US)

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article-474-2-featu...jpg 73104750.jpg Salman_Khan_filmf...jpg depositphotos_139...jpg gim-go-a-cutoff.jpg Show all

Type here to search

09:48 PM 29-03-2020

EC2 & S3

1. Installing aws-sdk

```
ec2-user@ip-172-31-29-160:/var/www/html/face
Installed:
  php.x86_64 0:7.2.28-1.amzn2

Complete!
[ec2-user@ip-172-31-29-160 ~]$ 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-172-31-29-160 ~]$ cd /var/www/html
[ec2-user@ip-172-31-29-160 html]$ cd face
[ec2-user@ip-172-31-29-160 face]$ sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php
Using version ^3.134 for aws/aws-sdk-php
./composer.json has been created
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 8 installs, 0 updates, 0 removals
  - Installing symfony/polyfill-mbstring (v1.15.0): Downloading (100%)
  - Installing mtdowling/jmespath.php (2.5.0): Downloading (100%)
  - Installing guzzlehttp/promises (v1.3.1): Downloading (100%)
  - Installing ralouphie/getallheaders (3.0.3): Downloading (100%)
  - Installing psr/http-message (1.0.1): Downloading (100%)
  - Installing guzzlehttp/psr7 (1.6.1): Downloading (100%)
  - Installing guzzlehttp/guzzle (6.5.2): Downloading (100%)
  - Installing aws/aws-sdk-php (3.134.3): Downloading (100%)
guzzlehttp/psr7 suggests installing zendframework/zend-httphandler (Emit PSR-7 responses)
guzzlehttp/guzzle suggests installing psr/log (Required for using the Log Middleware)
guzzlehttp/guzzle suggests installing ext-intl (Required for Internationalized Domain Name (IDN) support)
aws/aws-sdk-php suggests installing doctrine/cache (To use the DoctrineCacheAdapter)
aws/aws-sdk-php suggests installing aws/aws-php-sns-message-validator (To validate incoming SNS notifications)
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-172-31-29-160 face]$
```

2. Installing php

The screenshot displays the AWS Management Console for an EC2 instance. The instance is named 'i-07a828f60a8d6...' and is in the 'running' state. The terminal window shows the installation of PHP 7.2.28-1.amzn2 and the aws-sdk-php package. The console also shows the instance's public IP address (18.223.99.71) and the availability zone (us-east-2b).

Instance state	Instance type	Private DNS	IPv4 Public IP	IPv6 Public IP	Elastic IPs	Availability zone
running	t2.micro	ip-172-31-29-160.us-east-	18.223.99.71	-	-	us-east-2b

3. Index.php file upload

```
ec2-user@ip-172-31-20-255:/var/www/html/face
$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;
}
```

There after error came even after performing all correct steps...