

AWS PROJECT SUBMISSION

Screenshots needed for Dashboards

- 1.AWS Login screen with username
- 2.EC2 Dashboard
- 3.S3 Dashboard
- 4.Rekognition Dashboard

Screenshots needed for EC2

- 1.Choosing an AMI
- 2.Choosing an Instance Type
- 3.Adding Storage
- 4.Configuring Security Group
- 5.Key Pair Download
- 6.PuTTYgen conversion from pem to ppk
- 7.Logged in EC2 black screen.

Screenshots needed for S3

- 1.Creating a bucket
- 2.Uploading an Object
- 3.Enabling Static Website
- 4.Making the Object Public
5. Checking the S3 link on the Browser

Screenshots needed for Rekognition

1. Face Detect
2. Face Compare
3. Celebrity Recognition
4. Text in image

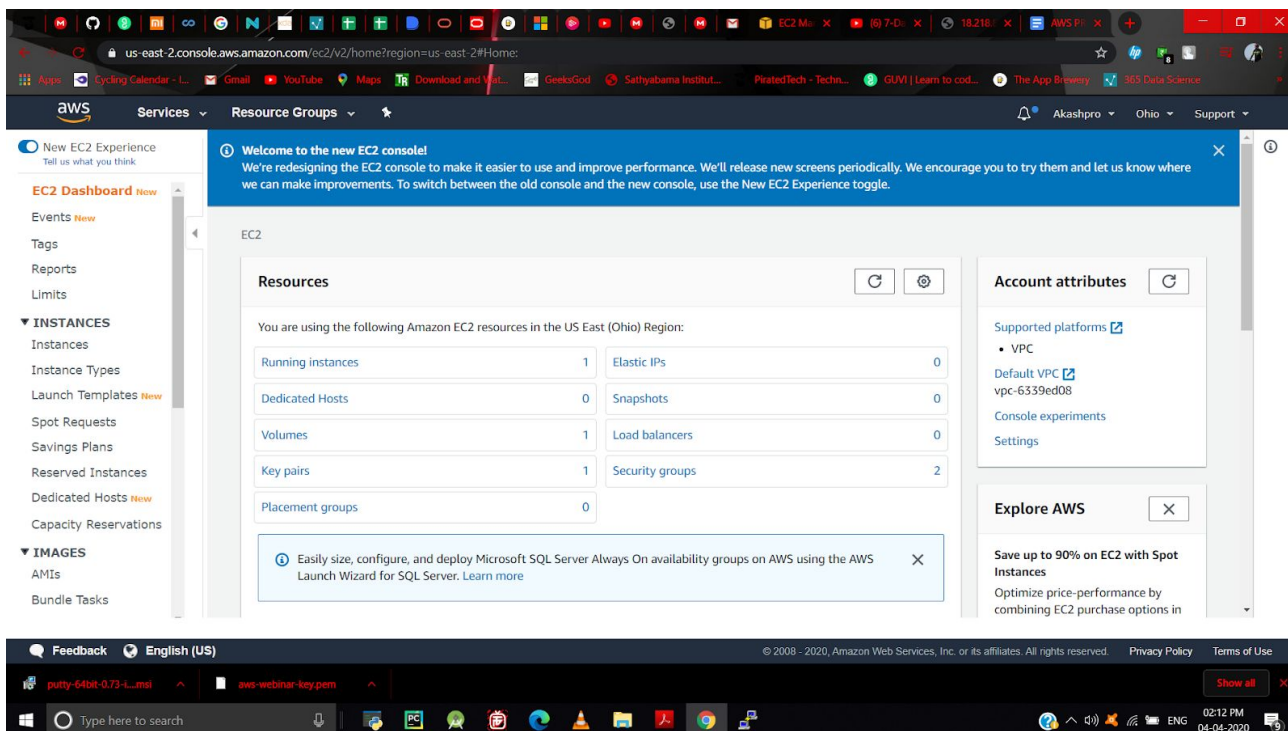
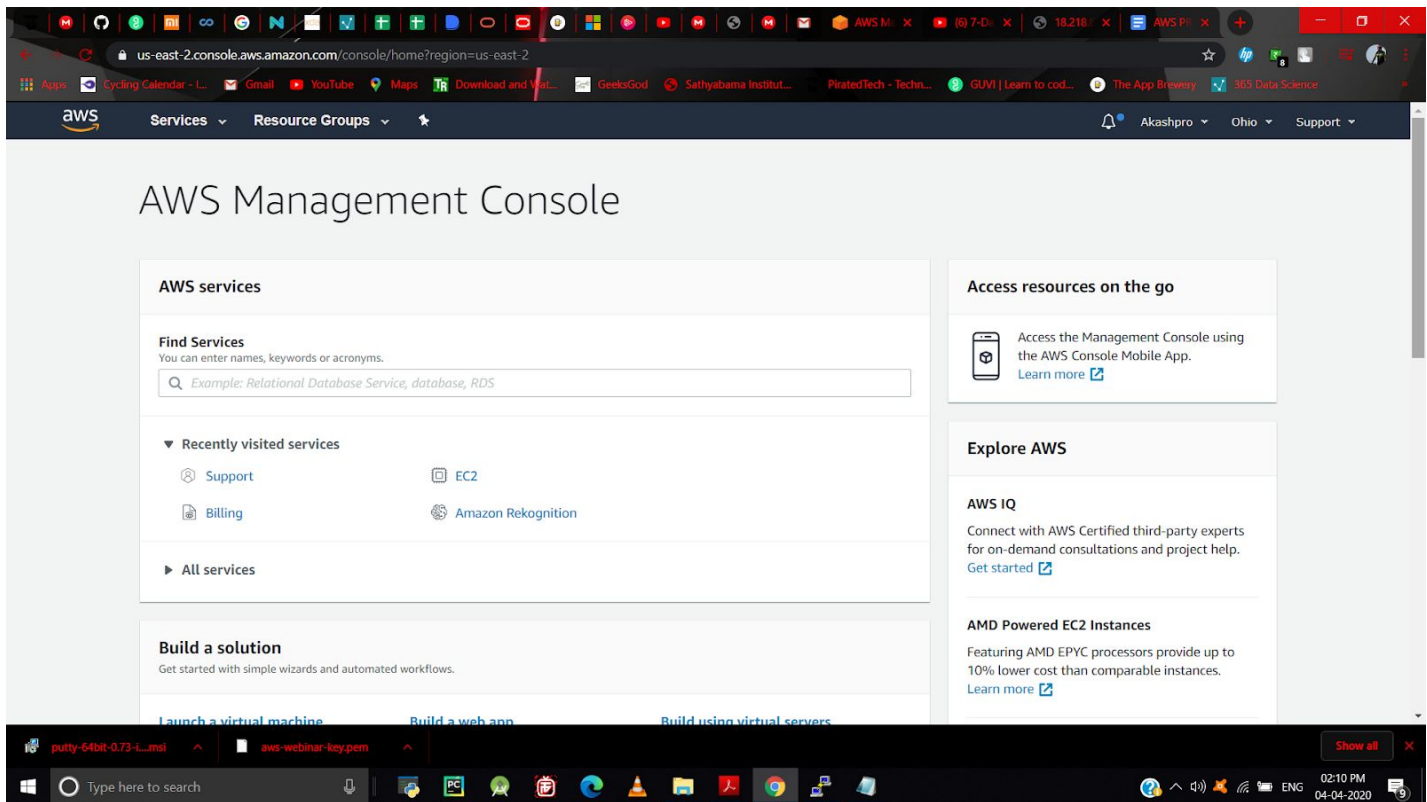
Screenshots needed for EC2 & S3

1. Installing aws-sdk
2. Installing php
3. index.php file code
4. Upload success screenshot

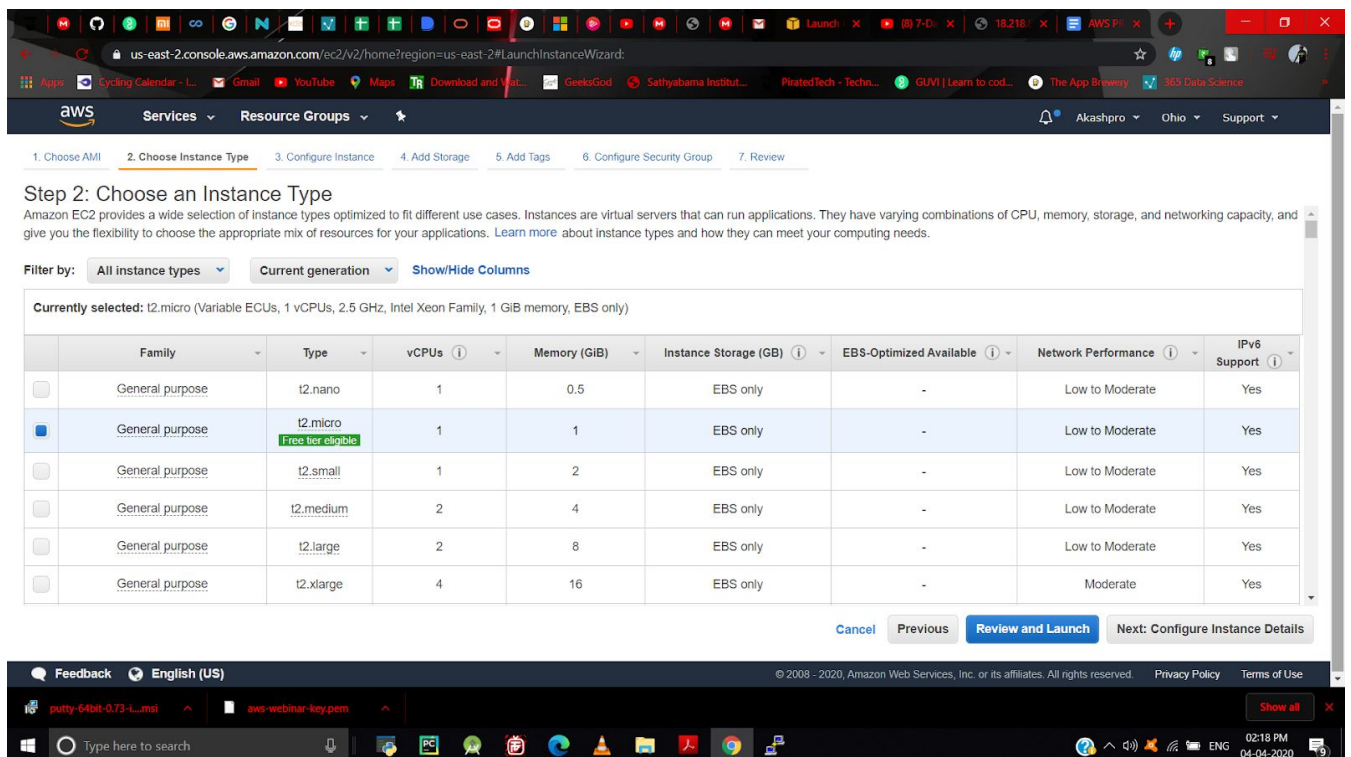
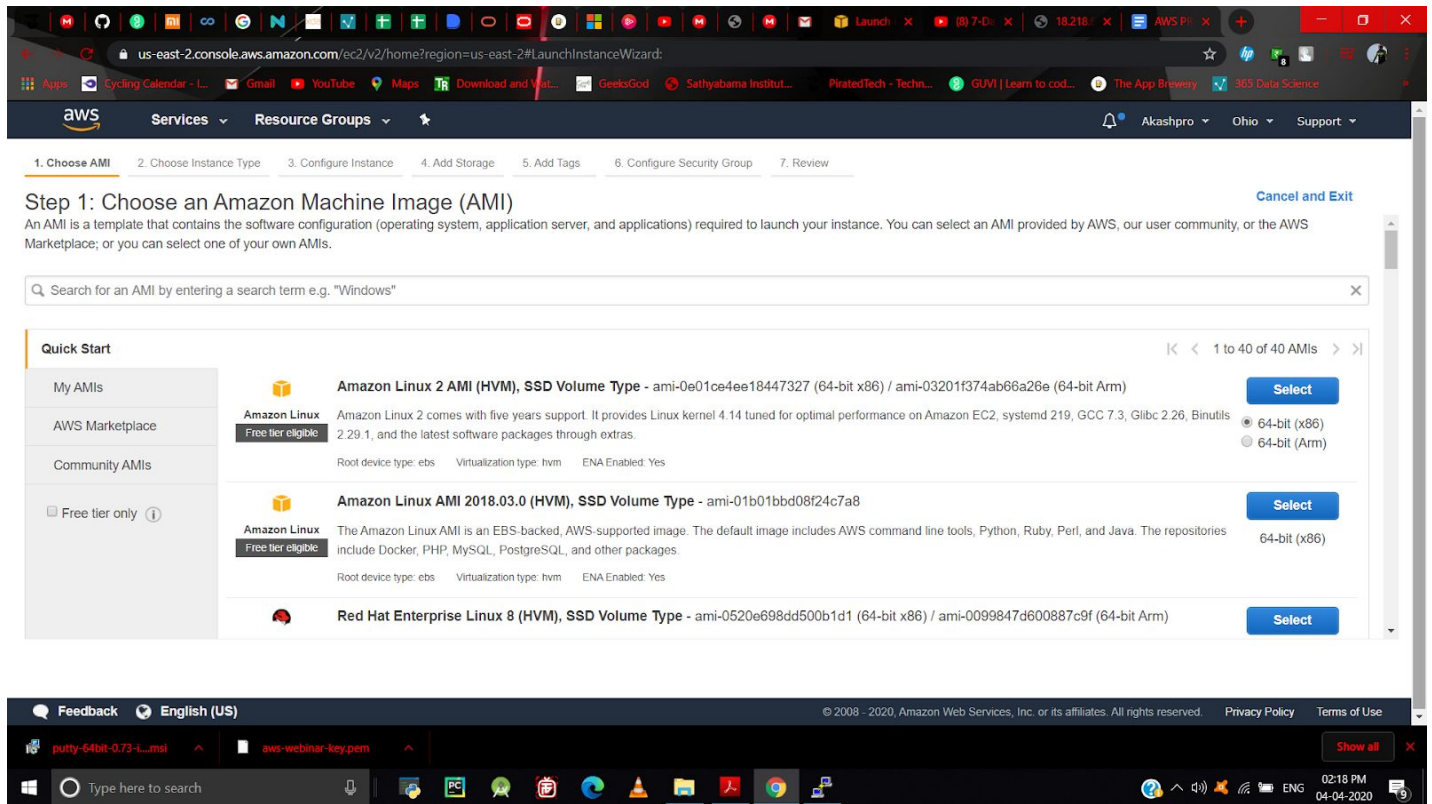
Screenshots needed for EC2 & Rekognition

1. Face Detect success screenshot (NOT ATTACHED)

Screenshots needed for Dashboards



Screenshots needed for EC2



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 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.

Cancel Previous **Review and Launch** Next: Add Tags

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putty-64bit-0.73-L-msl aws-webinar-key.pem Show all

Type here to search

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 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

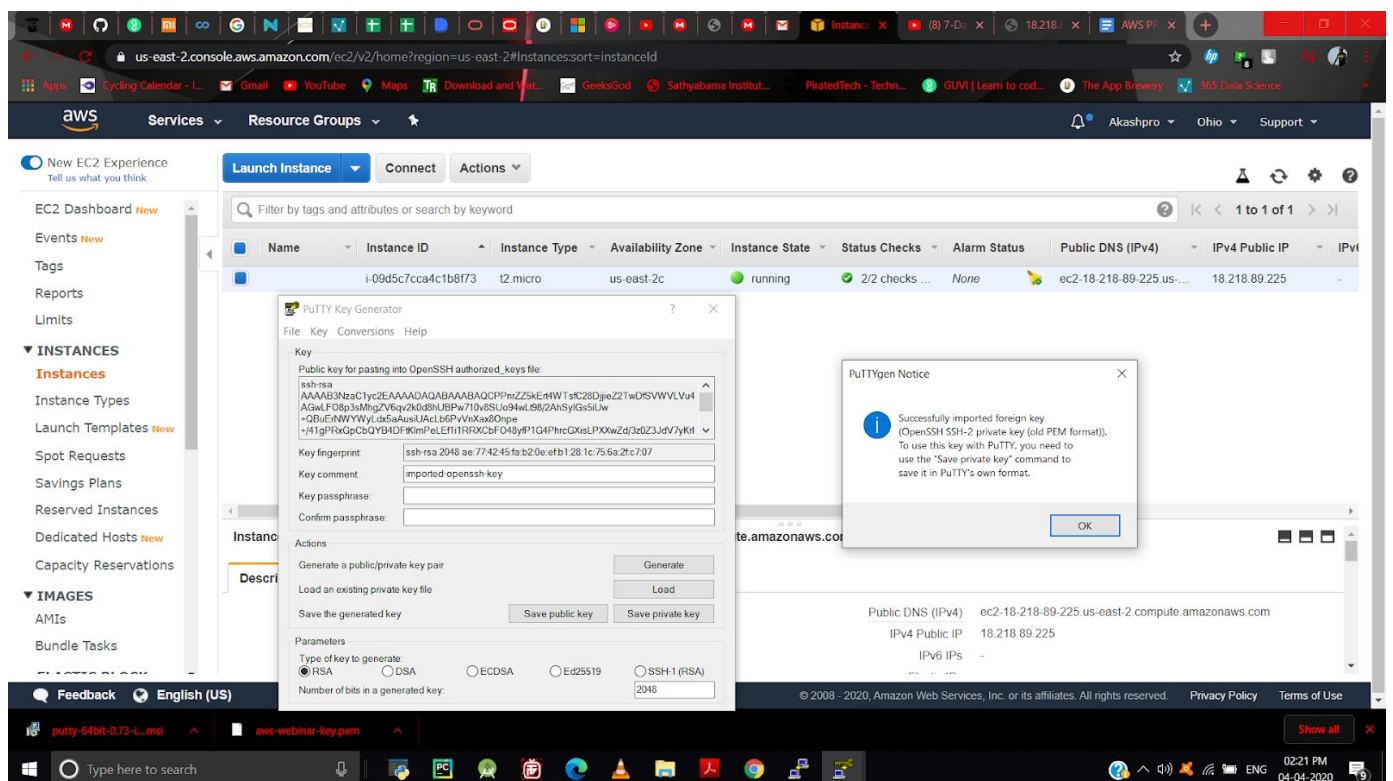
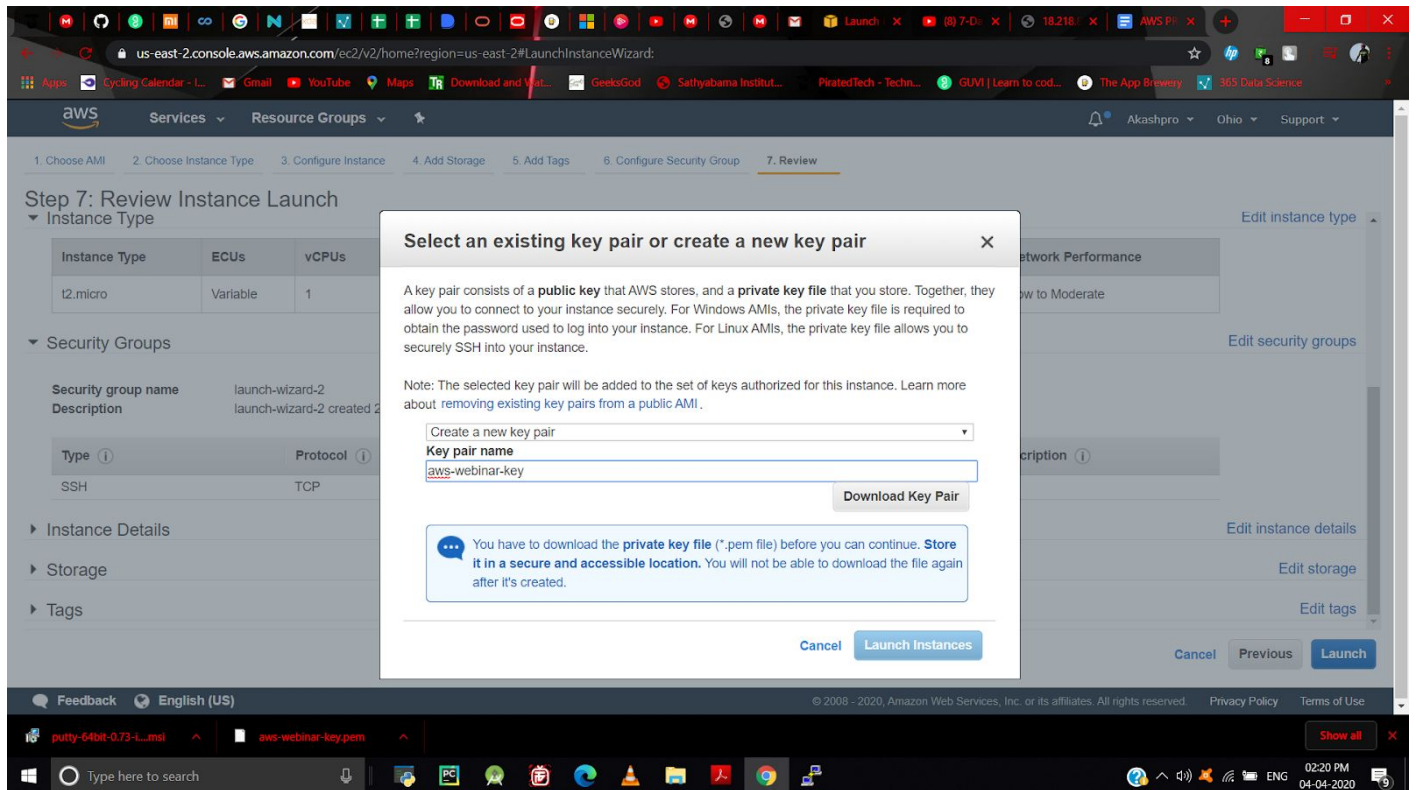
Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Cancel Previous **Review and Launch**

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putty-64bit-0.73-L-msl aws-webinar-key.pem Show all

Type here to search



Amazon S3 console view for bucket 'aws-akash' in US East (Ohio) region. The 'Overview' tab is selected, showing a list of objects. The table below displays the contents of the bucket:

Name	Last modified	Size	Storage class
index.html.php	Apr 4, 2020 2:50:27 PM GMT+0530	1.2 KB	Standard

Operations: 0 In progress, 1 Success, 0 Error

Amazon S3 console view for bucket 'aws-akash' in US East (Ohio) region. The 'Properties' tab is selected, showing configuration options for the bucket. The following table summarizes the settings:

Feature	Status
Versioning	Disabled
Server access logging	Disabled
Static website hosting	Bucket hosting
Object-level logging	Disabled
Default encryption	Not shown (likely enabled by default)

Amazon S3 > aws-akash > index.html

index.html

Latest version

Overview Properties Permissions Select from

Success

Open Download Download as Make public Copy path

Owner
dc20e5b6ab622c36f2fa3db2b2fc3fe9fade6ee95c7a2c57f3fd811fab6ed01

Last modified
Apr 4, 2020 2:55:34 PM GMT+0530

Etag
d285210116258754f1e580d138f83203

Storage class
Standard

Server-side encryption
None

Operations 0 In progress 1 Success 0 Error

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Type here to search

03:18 PM
04-04-2020

Not secure | aws-akash-s3-website.us-east-2.amazonaws.com

Hello INDIA

Type here to search

03:19 PM
04-04-2020

Screenshots needed for EC2 & S3

```
ec2-user@ip-172-31-44-122:/var/www/html$
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-cli-5.4.16-46.amzn2.0.2.x86_64.rpm | 2.8 MB 00:00
(4/4): php-common-5.4.16-46.amzn2.0.2.x86_64.rpm | 563 kB 00:00
-----
Total                24 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-172-31-44-122 ~]$ 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
```

Aws install

```
ec2-user@ip-172-31-44-122:/var/www/html$
login as: ec2-user
* Authenticating with public key "imported-openssh-key"
Last login: Sat Apr  4 09:59:46 2020 from 183.83.155.72

┌───┐
├───┤ 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-172-31-44-122 ~]$
[ec2-user@ip-172-31-44-122 ~]$ install php - sudo yum install php
-bash: install: command not found
[ec2-user@ip-172-31-44-122 ~]$ 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-172-31-44-122 ~]$ cd /var/www/html
[ec2-user@ip-172-31-44-122 html]$
[ec2-user@ip-172-31-44-122 html]$
[ec2-user@ip-172-31-44-122 html]$ cd /var/www/html
[ec2-user@ip-172-31-44-122 html]$ sudo mkdir face
mkdir: cannot create directory 'face': File exists
[ec2-user@ip-172-31-44-122 html]$ cd face
[ec2-user@ip-172-31-44-122 face]$ sudo php -d memory_limit=1 ~/composer.phar re
quire 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/gu
zle instead.
Generating autoload files
[ec2-user@ip-172-31-44-122 face]$
```

Upload file success

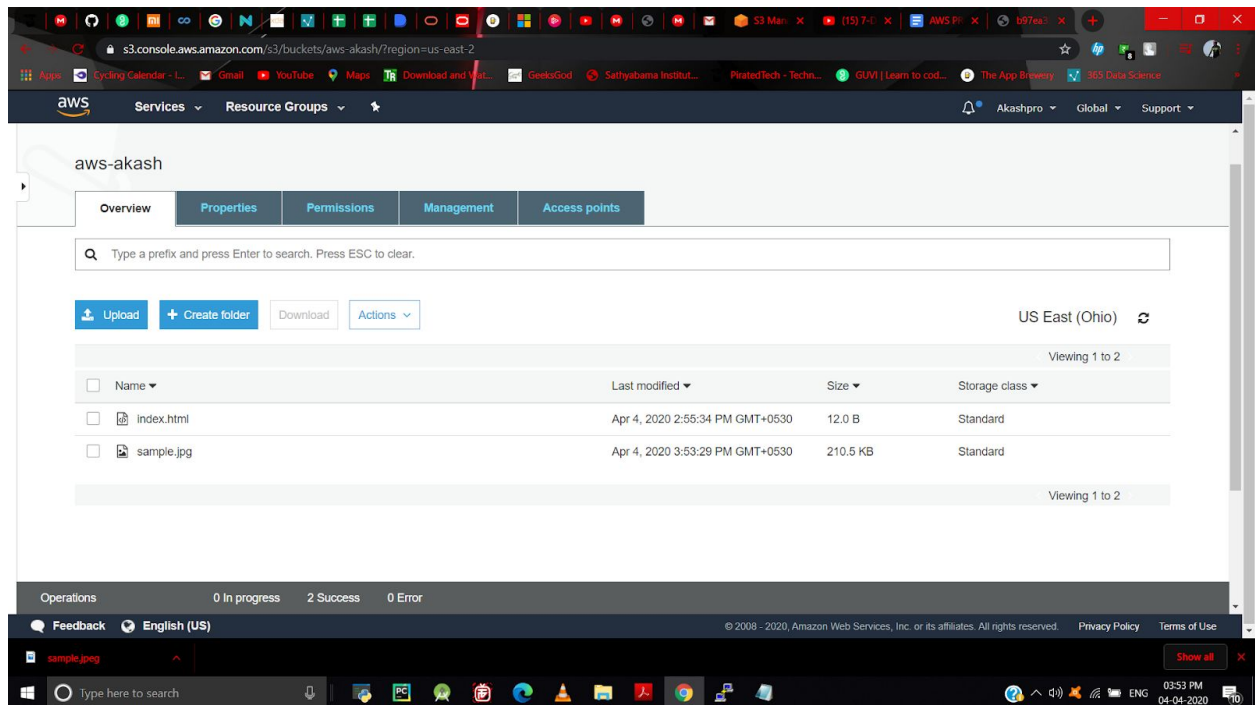
```
ec2-user@ip-172-31-44-122:/var/www/html/face
[ec2-user@ip-172-31-44-122 face]$ sudo /bin/dd if=/dev/zero of=/var/swap.1 bs=1M
count=1024
1024+0 records in
1024+0 records out
1073741824 bytes (1.1 GB) copied, 13.4471 s, 79.8 MB/s
[ec2-user@ip-172-31-44-122 face]$ sudo /sbin/mkswap /var/swap.1
mkswap: /var/swap.1: insecure permissions 0644, 0600 suggested.
Setting up swapspace version 1, size = 1024 MB (1073737728 bytes)
no label, UUID=b7e3e37d-b69b-454b-84db-99e4b9eda4c3
[ec2-user@ip-172-31-44-122 face]$ sudo /sbin/swapon /var/swap.1
swapon: /var/swap.1: insecure permissions 0644, 0600 suggested.
[ec2-user@ip-172-31-44-122 face]$ sudo php -d memory_limit=-1 ~/composer.phar re
quire aws/aws-sdk-php
Using version ^2.8 for aws/aws-sdk-php
./composer.json has been created
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 3 installs, 0 updates, 0 removals
  - Installing symfony/event-dispatcher (v2.8.52): Loading from cache
  - Installing guzzle/guzzle (v3.9.3): Downloading (100%)
  - Installing aws/aws-sdk-php (2.8.31): Downloading (100%)
symfony/event-dispatcher suggests installing symfony/dependency-injection
symfony/event-dispatcher suggests installing symfony/http-kernel
guzzle/guzzle suggests installing guzzlehttp/guzzle (Guzzle 5 has moved to a new package name. The package you have installed, Guzzle 3, is deprecated.)
aws/aws-sdk-php suggests installing doctrine/cache (Adds support for caching of credentials and responses)
aws/aws-sdk-php suggests installing ext-apc (Allows service description opcode caching, request and response caching, and credentials caching)
aws/aws-sdk-php suggests installing monolog/monolog (Adds support for logging HTTP requests and responses)
aws/aws-sdk-php suggests installing symfony/yaml (Eases the ability to write manifests for creating jobs in AWS Import/Export)
Package guzzle/guzzle is abandoned, you should avoid using it. Use guzzlehttp/guzzle instead.
Writing lock file
Generating autoload files
[ec2-user@ip-172-31-44-122 face]$ sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
--2020-04-04 10:13:31-- https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
Resolving i.pinimg.com (i.pinimg.com)... 23.210.196.239, 2404:4e42:3b::84
Connecting to i.pinimg.com (i.pinimg.com)|23.210.196.239|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 215551 (210K) [image/jpeg]
Saving to: 'b97ea33b5842c7894b804923c6c05580.jpg'

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

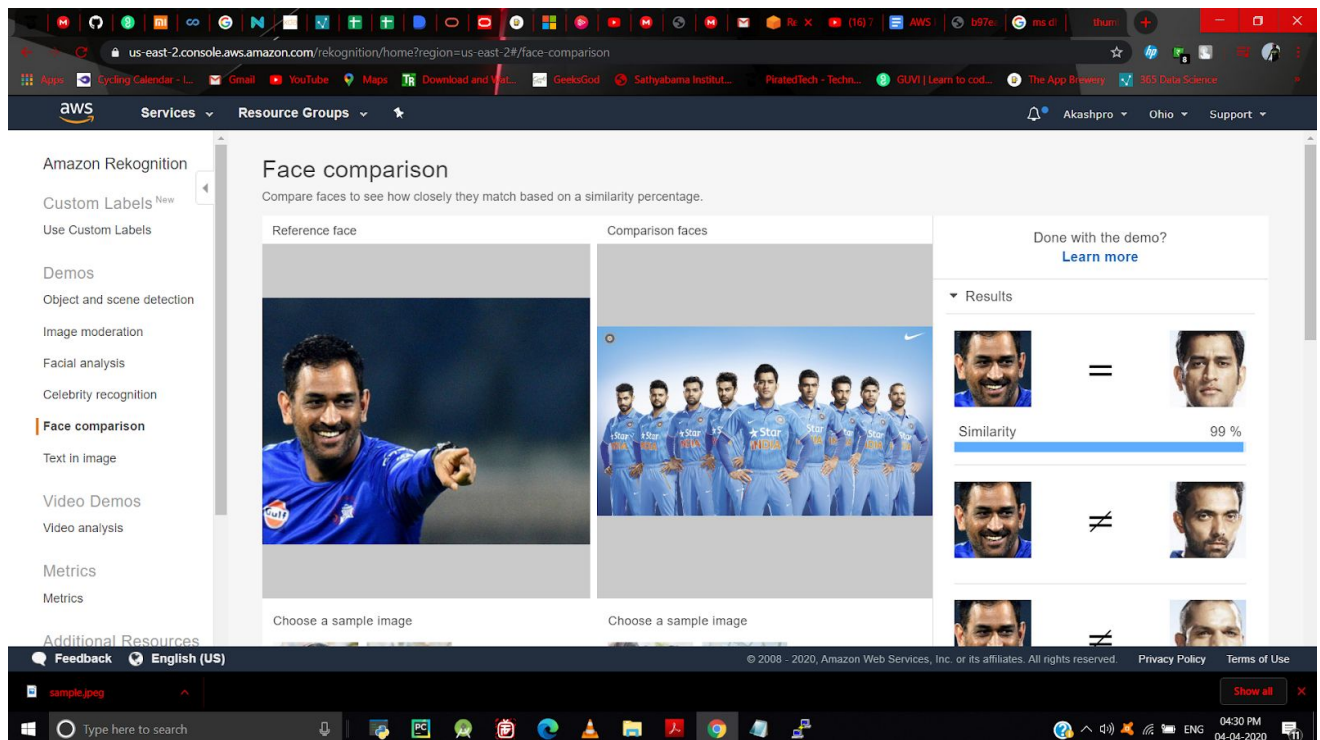
2020-04-04 10:13:32 (5.58 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg' saved [215551/215551]

[ec2-user@ip-172-31-44-122 face]$ sudo mv b97ea33b5842c7894b804923c6c05580.jpg sample.jpg
[ec2-user@ip-172-31-44-122 face]$
```

```
ec2-user@ip-172-31-44-122:/var/www/html/face
[ec2-user@ip-172-31-44-122 face]$ ls
composer.json  composer.lock  sample.jpg  vendor
[ec2-user@ip-172-31-44-122 face]$
```

Screenshots needed for Rekognition



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

aws Services Resource Groups

Akashpro 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

Face comparison


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

Reference face



Choose a sample image



Comparison faces





Choose a sample image



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

Results

 = 

Similarity 100 %

 ≠ 

 ≠ 

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sample_image Type here to search

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

aws Services Resource Groups


Akashpro Ohio Support

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- Metrics
- Metrics


Celebrity recognition

Rekognition automatically recognizes celebrities in images and provides confidence scores.



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

Results



Steve Jobs
[Learn More](#)

Match confidence 100 %

Request

Response

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sample_image Type here to search

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

Services

Resource Groups

AkashproOhioSupport

Amazon Rekognition

Custom LabelsNew

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

Text in image

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



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.

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

Results

US English only

| IT'S |
| MONDAY |
| but | keep |
| Smiling |

Request

Response

Additional Resources

FeedbackEnglish (US)

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sample.jpeg

Type here to search

04:34 PM
04-04-2020