AWS

FACE DETECTION APP

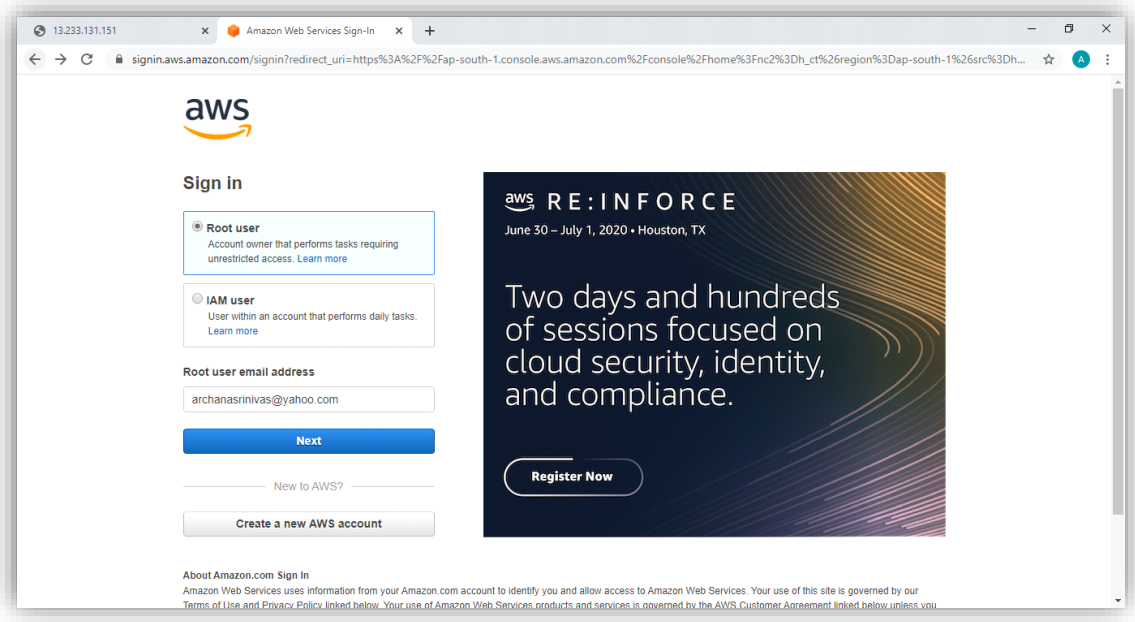
PROJECT SUBMITTED

BY

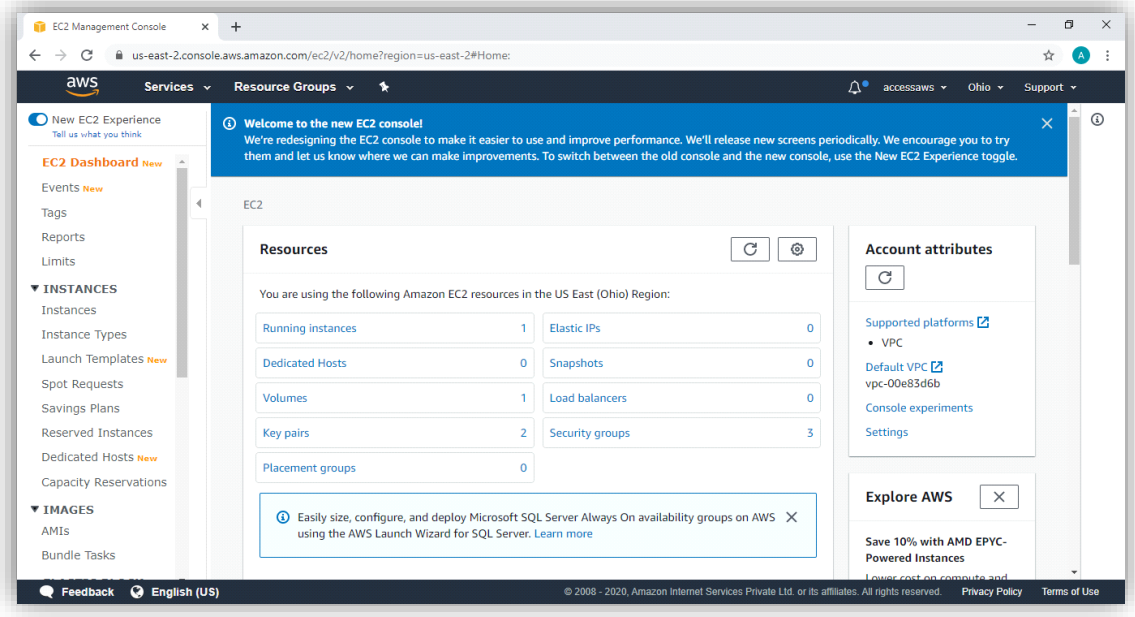
ARCHANA S

SCREENSHOTS OF DASHBOARDS

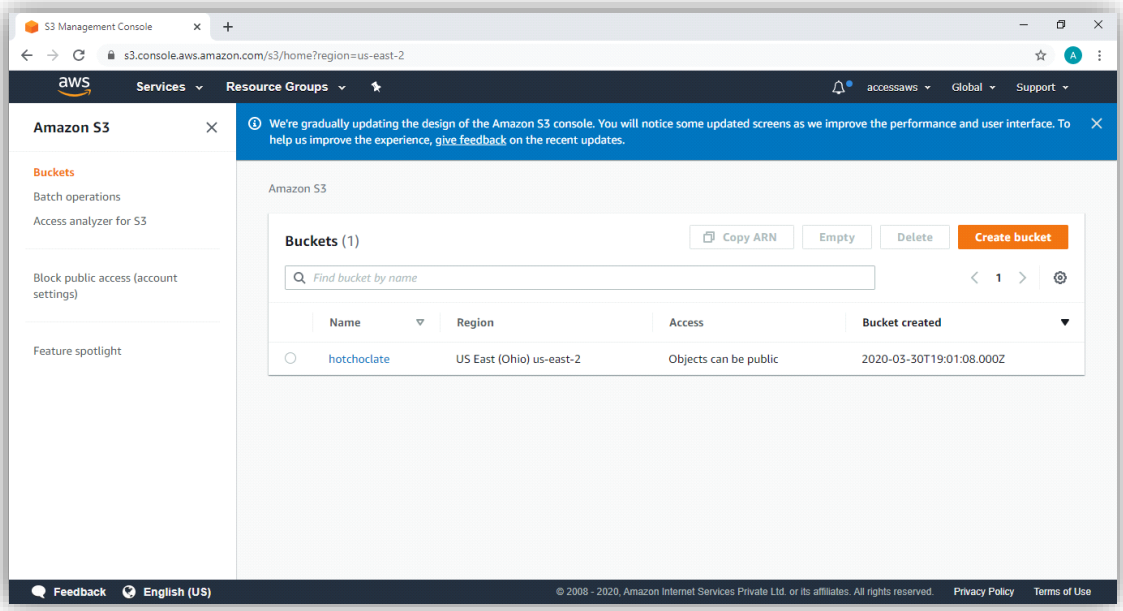
1. AWS LOGIN SCREEN WITH USERNAME



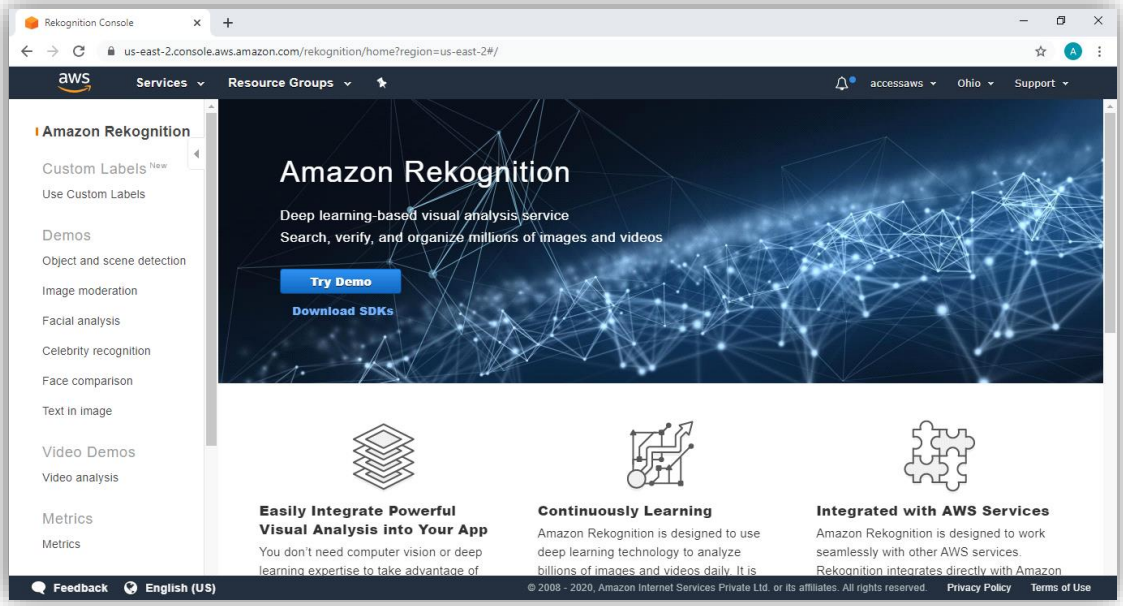
2. EC2 DASHBOARD



3. S3 DASHBOARD

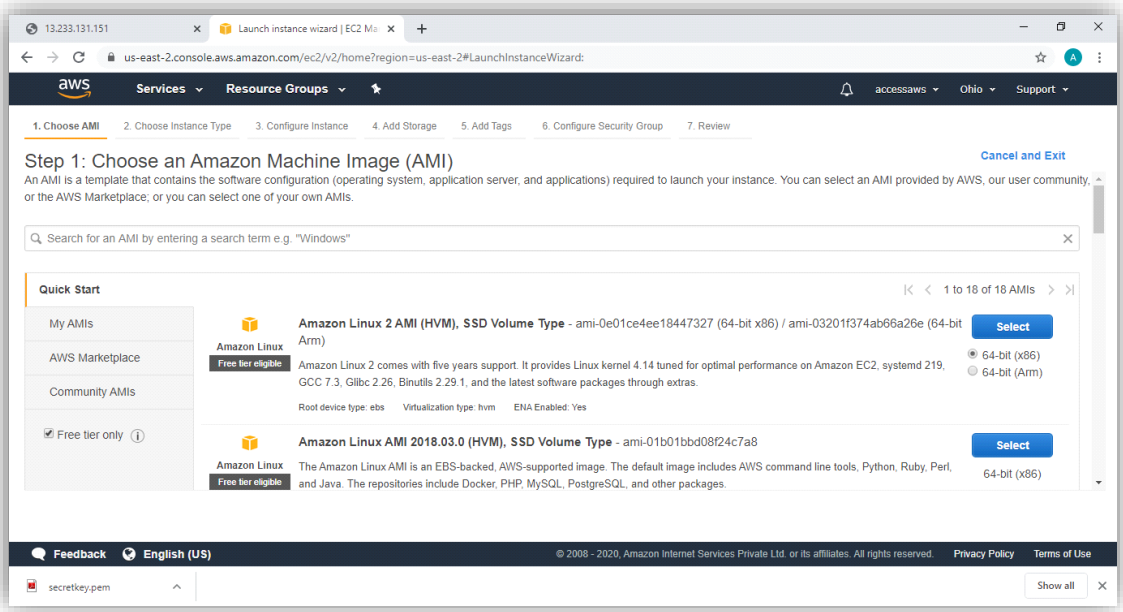


4. REKOGNITION DASHBOARD

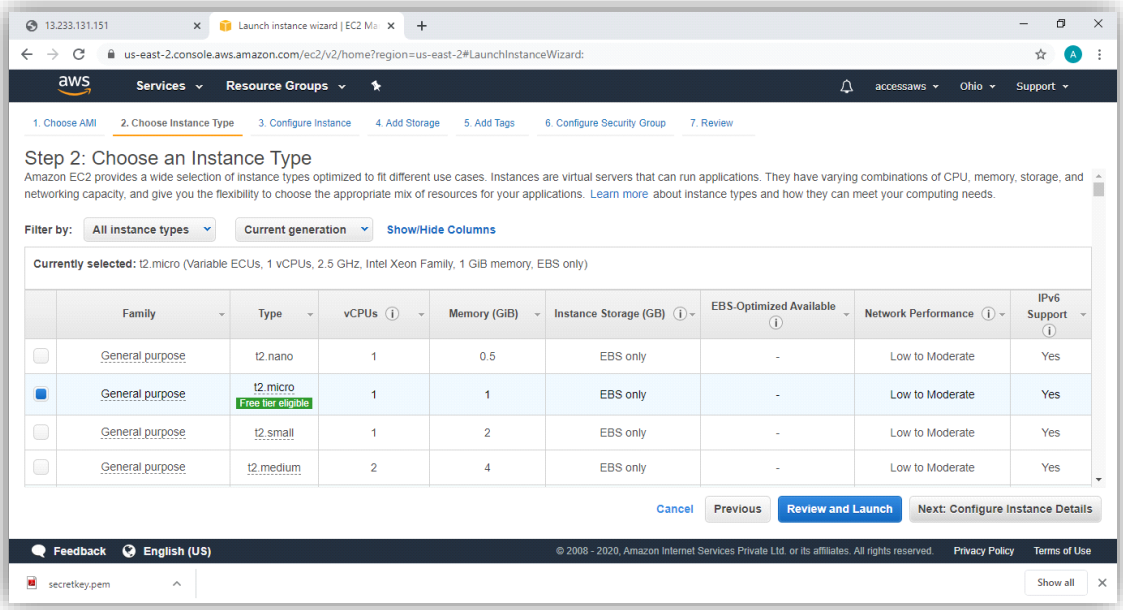


SCREENSHOTS OF EC2

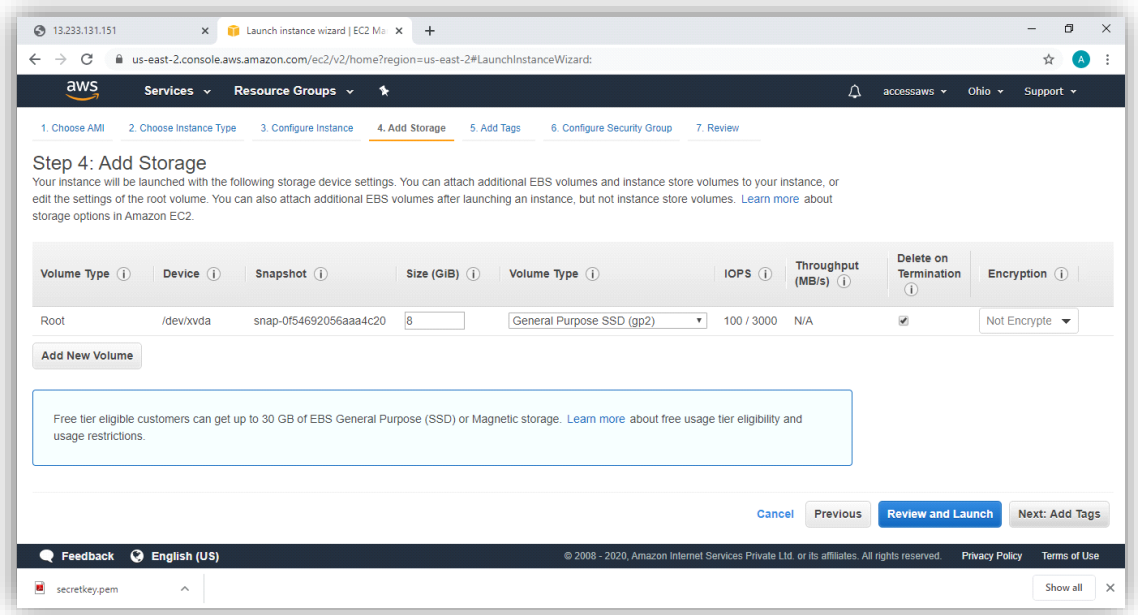
1. CHOOSING AN AMI



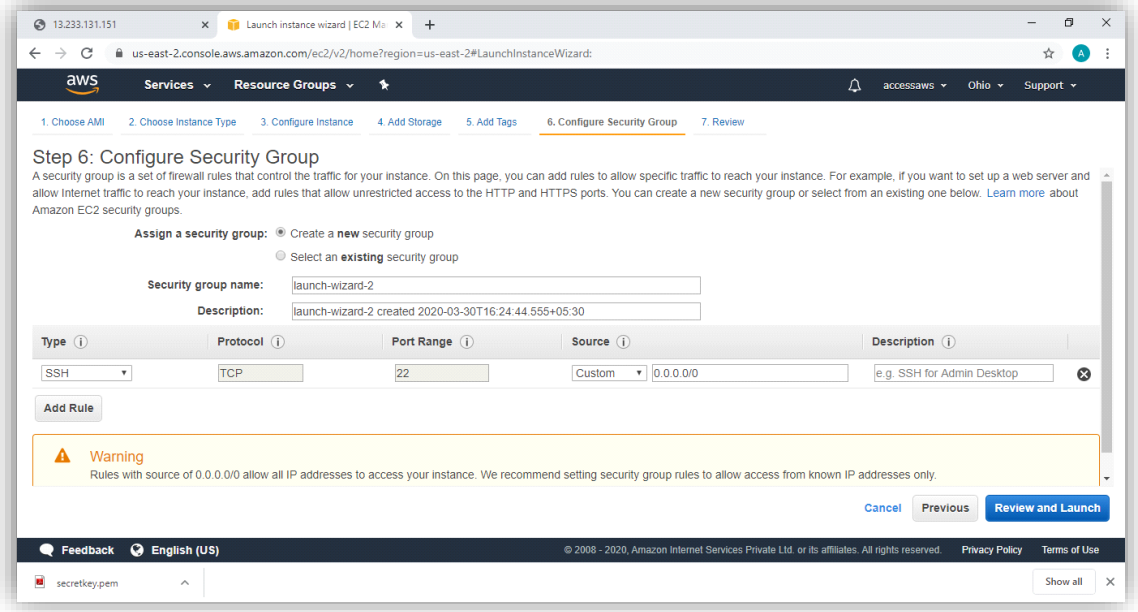
2. CHOOSING AN INSTANCE TYPE



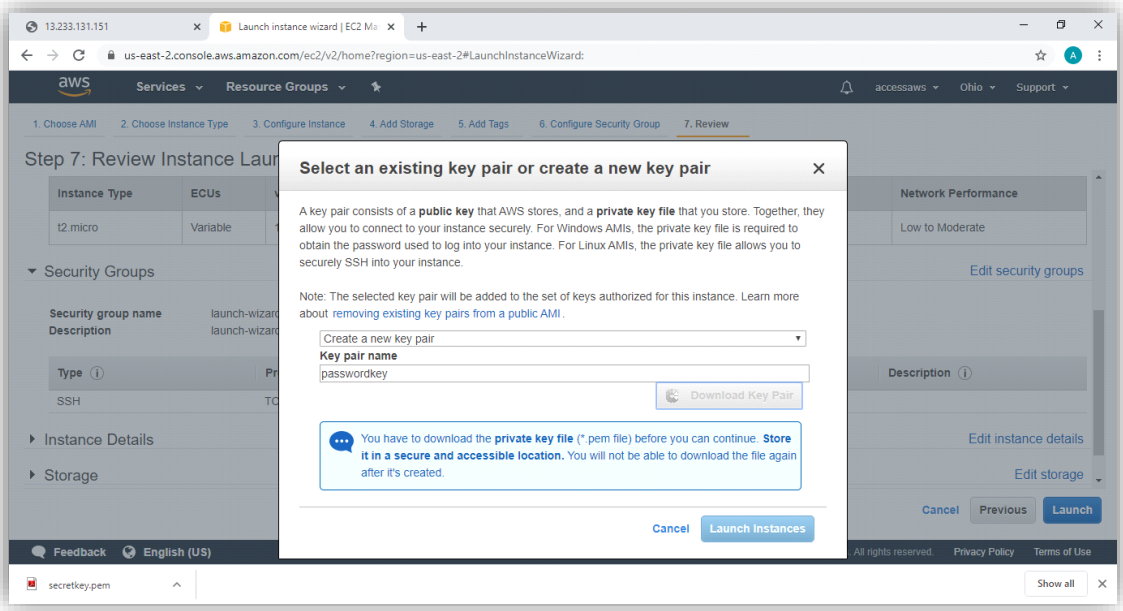
3. ADDING STORAGE



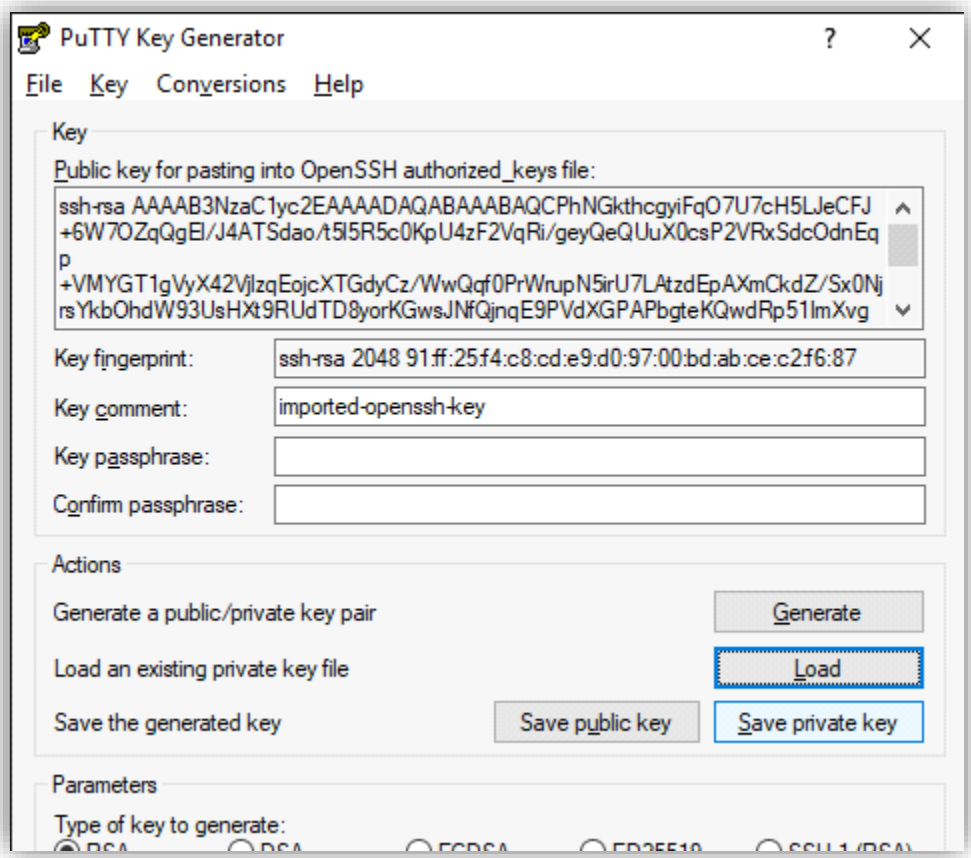
4. CONFIGURING SECURITY GROUP



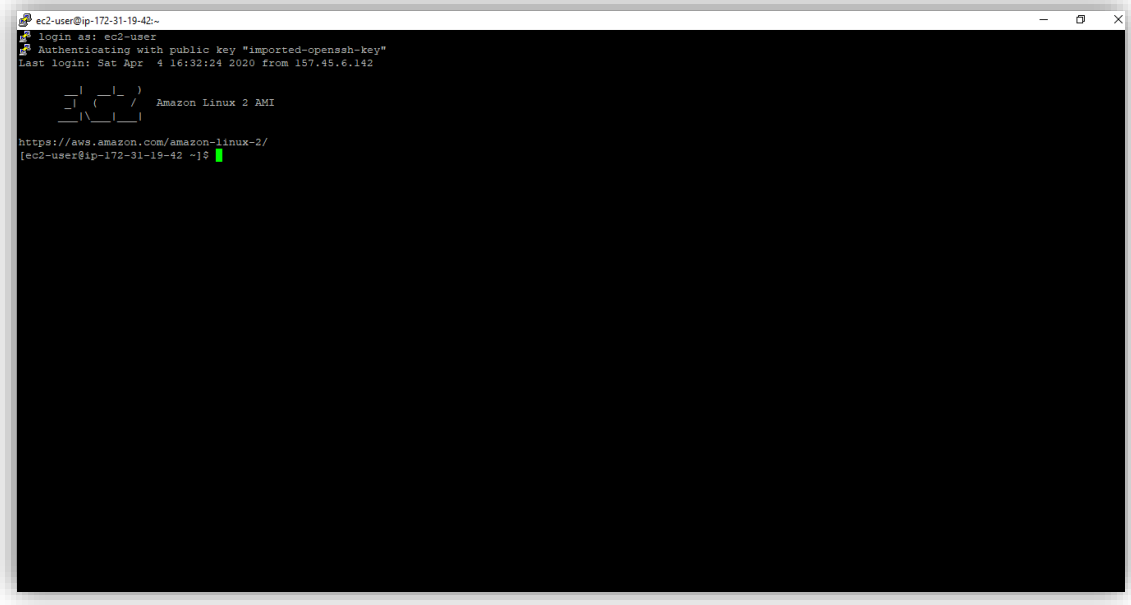
5. KEY PAIR DOWNLOAD



6. PUTTYGEN CONVERSION FROM PEM TO PPK

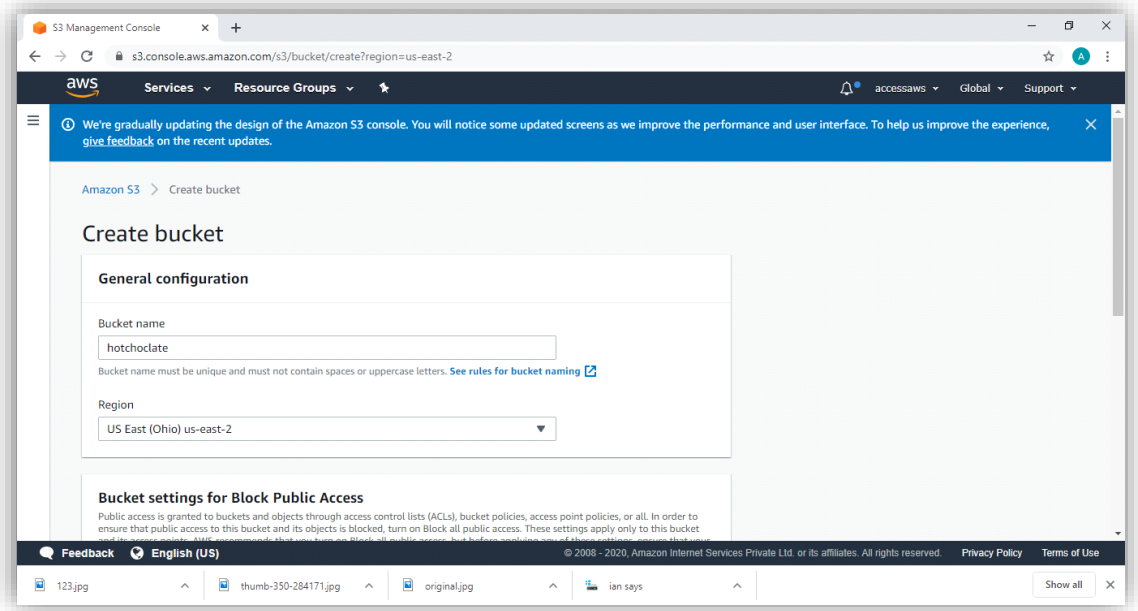


11. LOGGED IN EC2 BLACK SCREEN

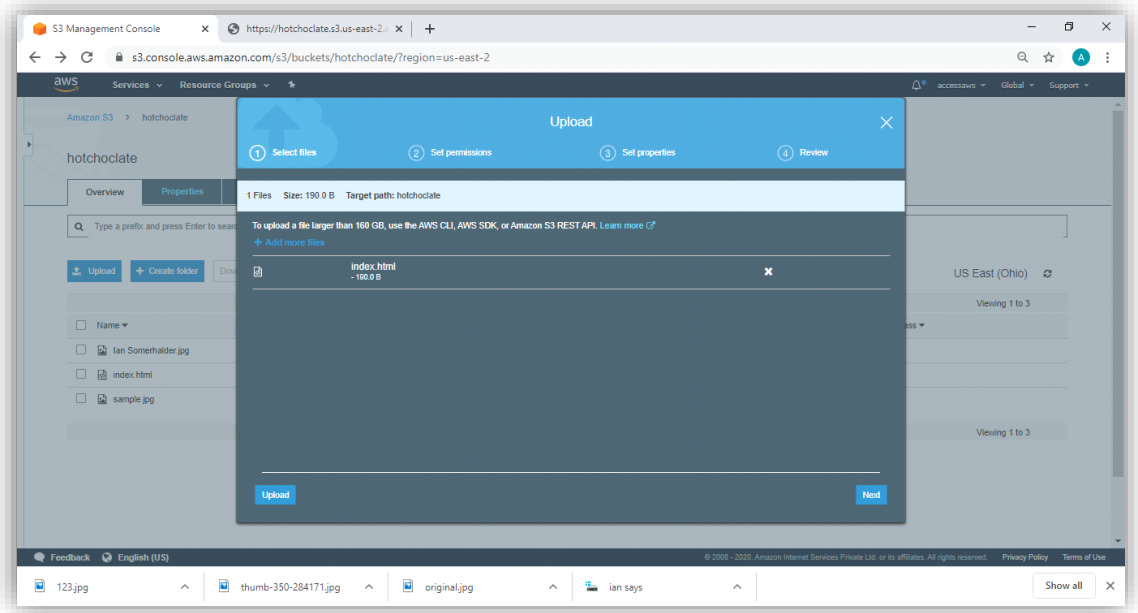


SCREENSHOTS OF S3

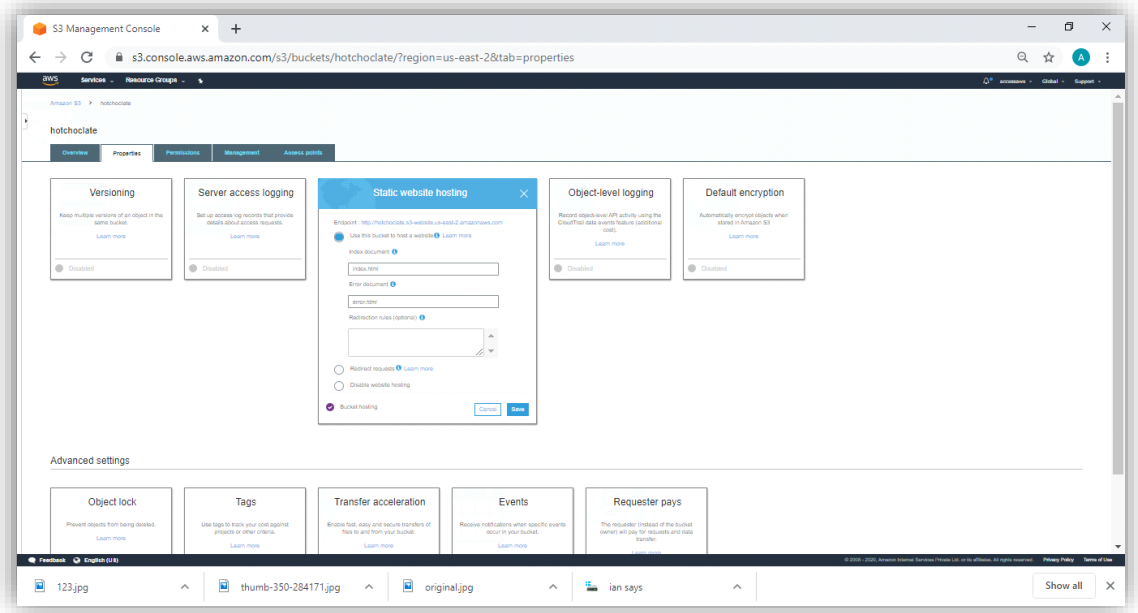
1. CREATING A BUCKET



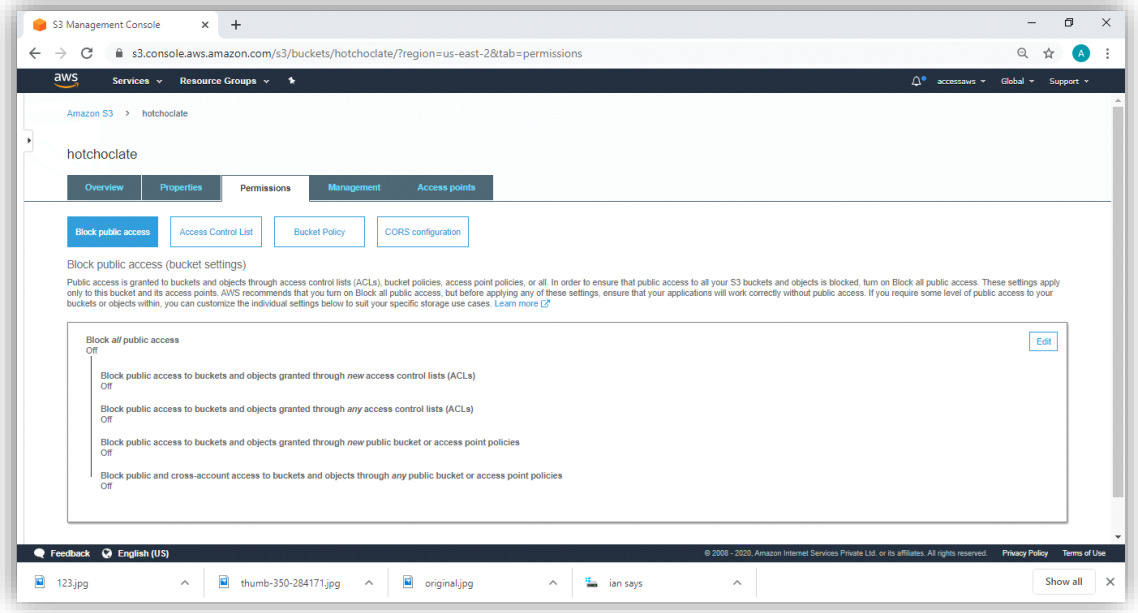
2.UPLOADING AN OBJECT



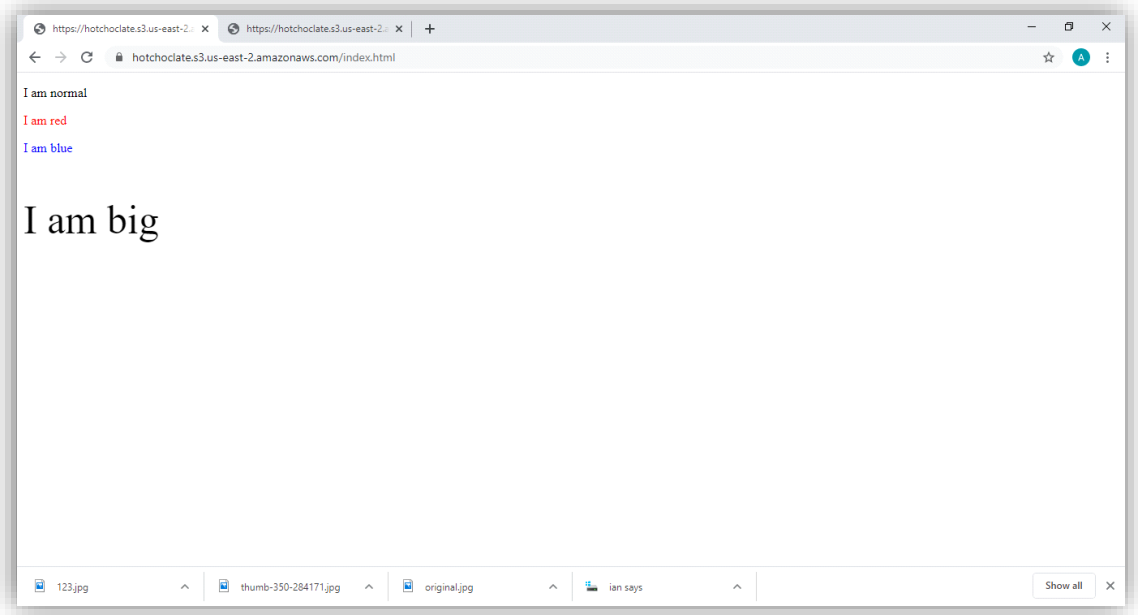
3. ENABLE STATIC WEBSITE



4. MAKING THE OBJECT PUBLIC

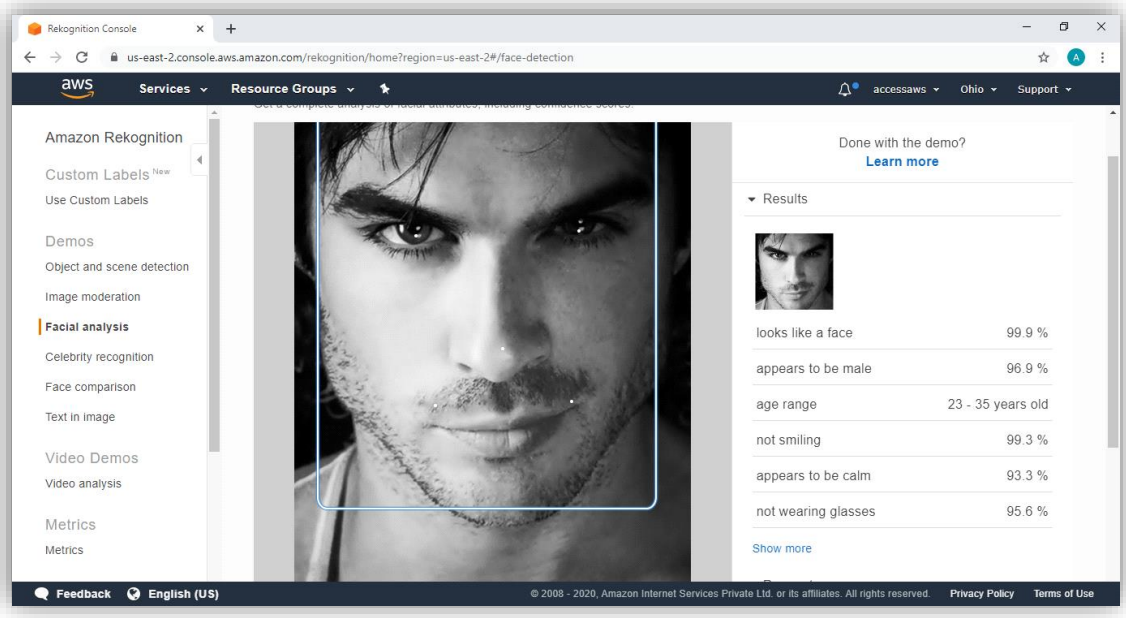


5. CHECKING THE S3 LINK ON THE BROWSER

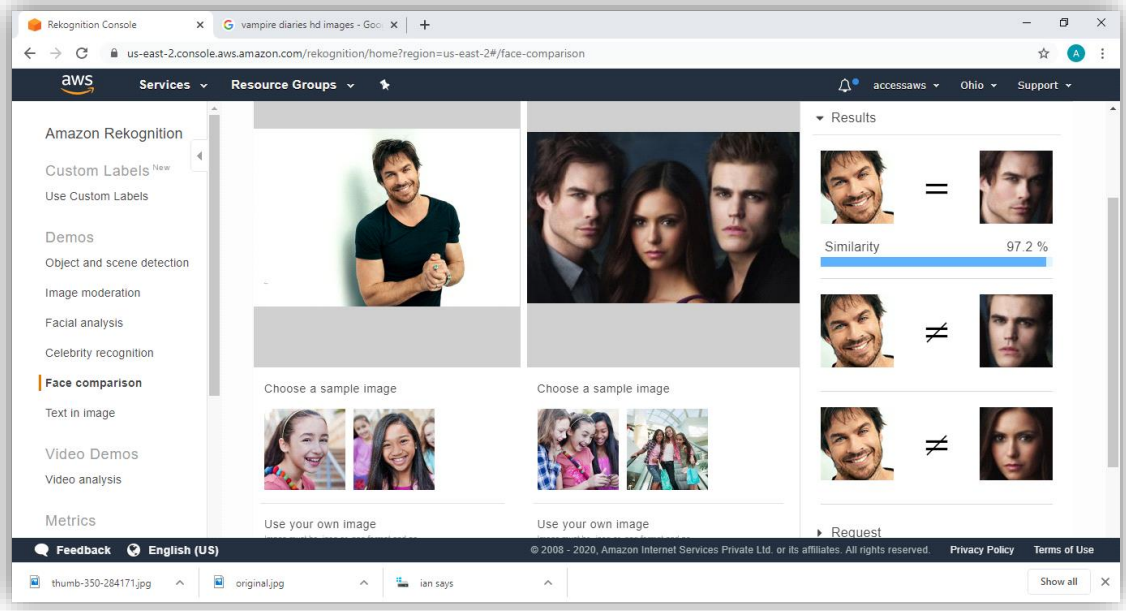


SCREENSHOTS OF FACE REKOGNITION

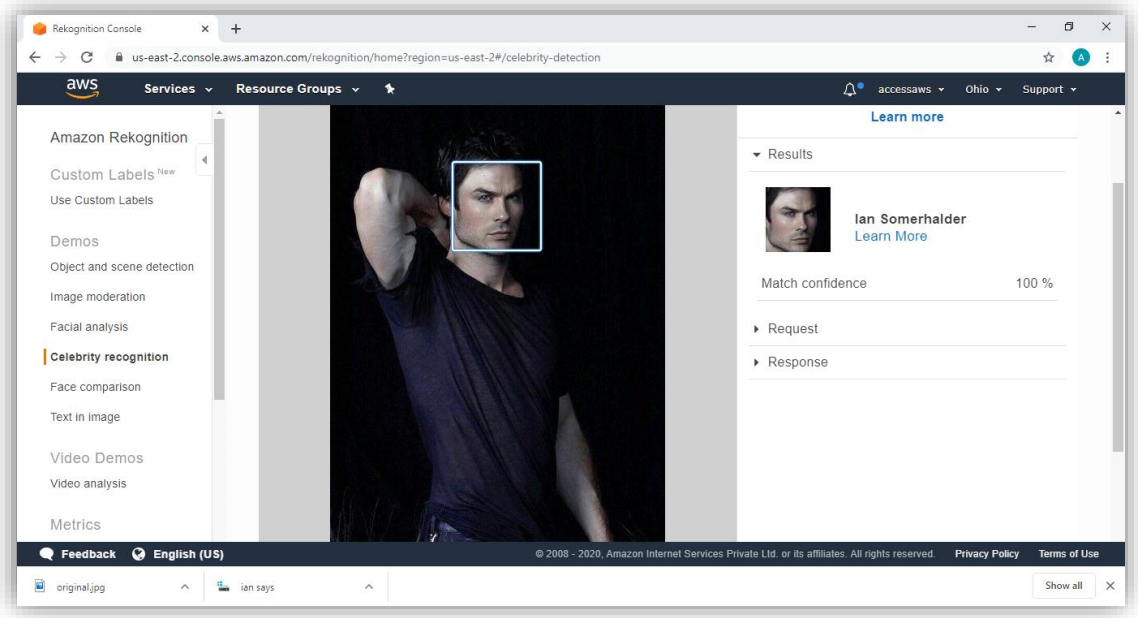
1. FACE DETECT



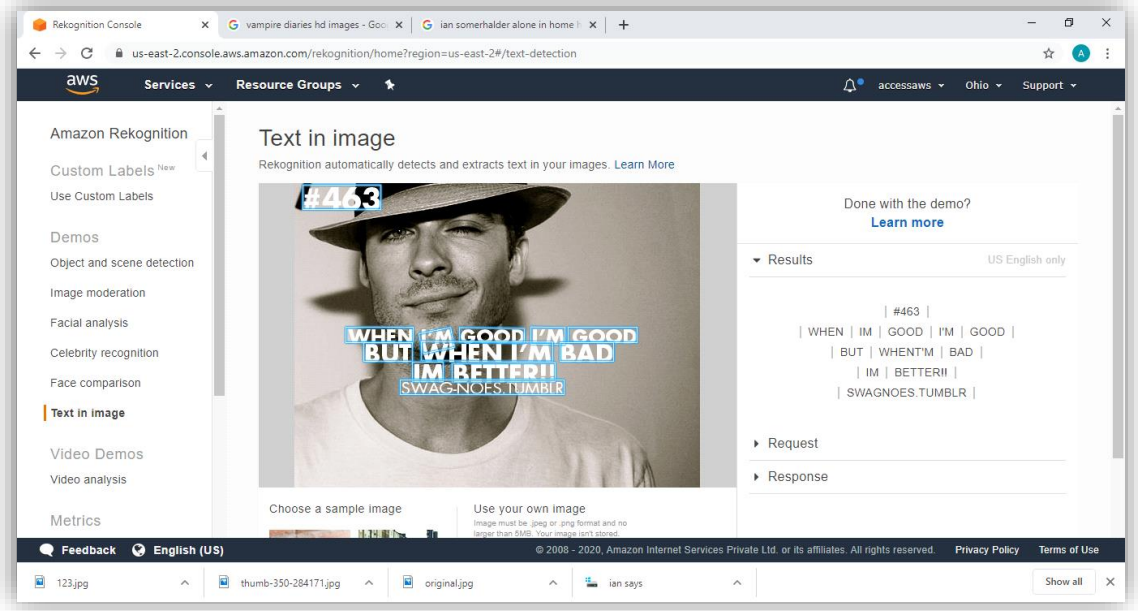
2. FACE COMPARE



3. CELEBRITY REKOGNITION

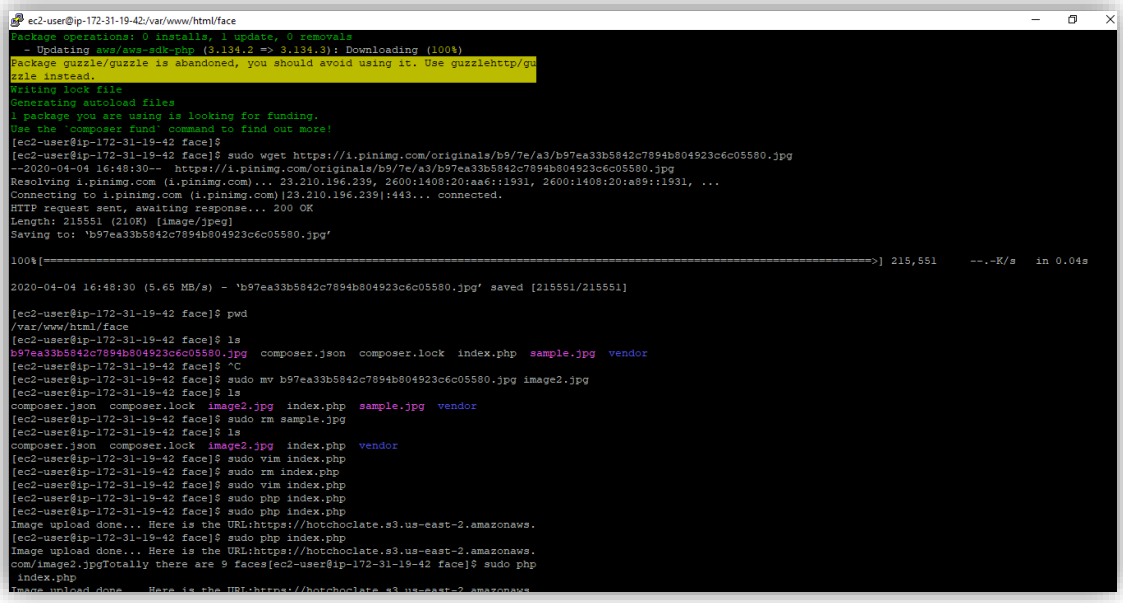


4. TEXT IN IMAGE

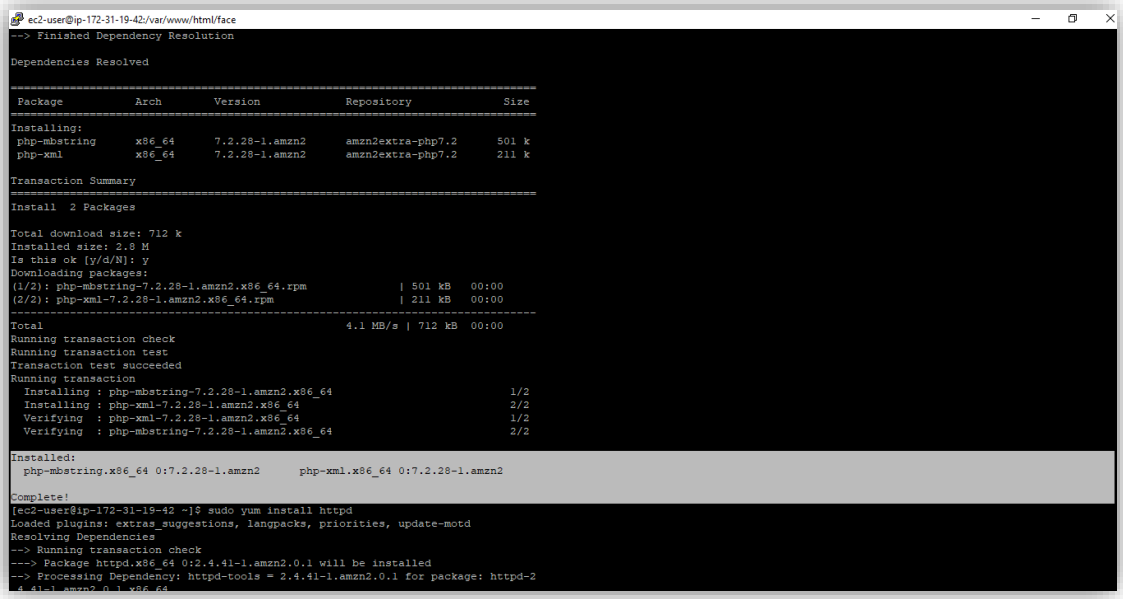


SCREENSHOTS OF EC2 AND S3

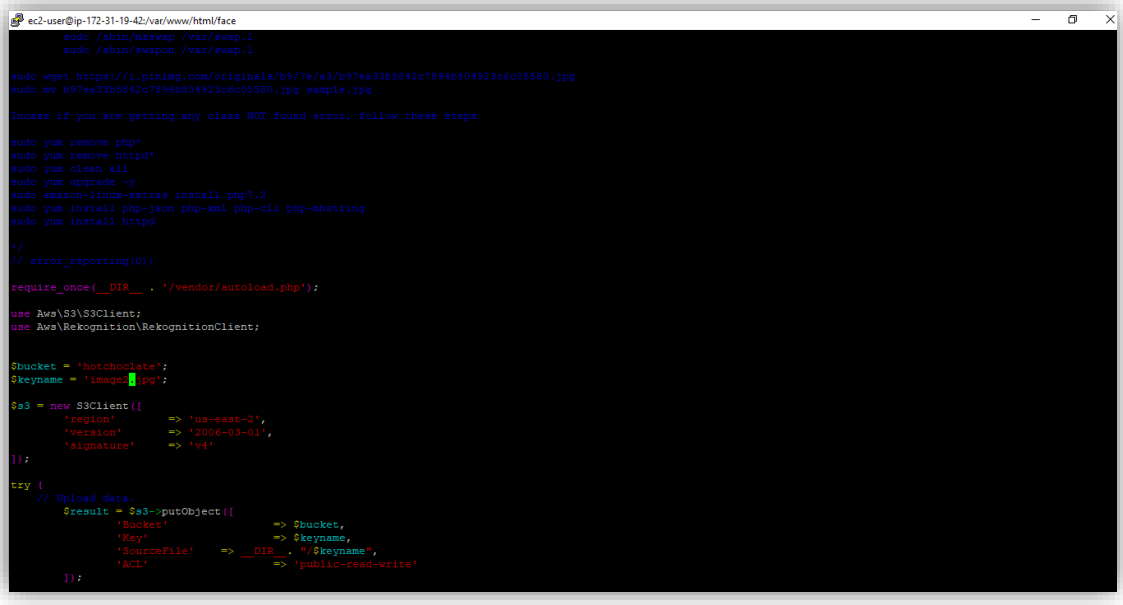
1. INSTALLING AWS-SDK



2. INSTALLING PHP

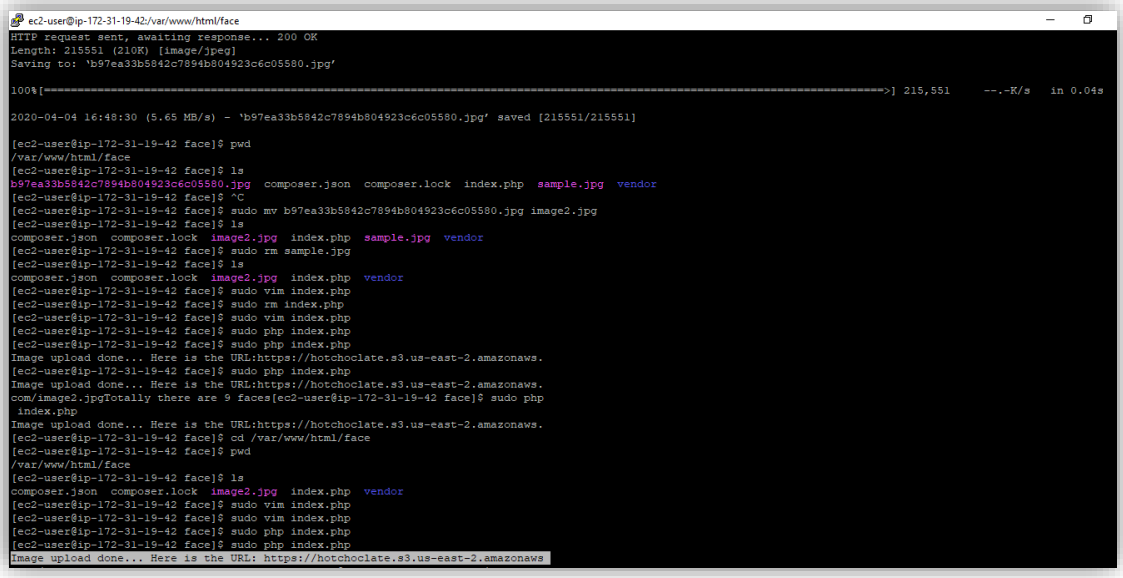


3. INDEX.PHP FILE CODE



```
ec2-user@ip-172-31-19-42:/var/www/html/face
        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

Incase if you are getting any class NOT found error, follow these steps

sudo yum remove php*
sudo yum remove httpd*
sudo yum clean all
sudo yum upgrade -y
sudo amazon-linux-extras install php7.2
sudo yum install php-json php-xml php-cli php-mbstring
sudo yum install httpd

*/
// error_reporting(0);

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

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


$bucket = 'hotchoclate';
$keyname = 'image2.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'
        ]);
```

4. UPLOAD SUCCESS SCREENSHOT



```
ec2-user@ip-172-31-19-42:/var/www/html/face
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 16:48:30 (5.65 MB/s) - ‘b97ea33b5842c7894b804923c6c05580.jpg’ saved [215551/215551]

[ec2-user@ip-172-31-19-42 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-19-42 face]$ ls
b97ea33b5842c7894b804923c6c05580.jpg  composer.json  composer.lock  index.php  sample.jpg  vendor
[ec2-user@ip-172-31-19-42 face]$ ^C
[ec2-user@ip-172-31-19-42 face]$ sudo mv b97ea33b5842c7894b804923c6c05580.jpg image2.jpg
[ec2-user@ip-172-31-19-42 face]$ ls
composer.json  composer.lock  image2.jpg  index.php  sample.jpg  vendor
[ec2-user@ip-172-31-19-42 face]$ sudo rm sample.jpg
[ec2-user@ip-172-31-19-42 face]$ ls
composer.json  composer.lock  image2.jpg  index.php  vendor
[ec2-user@ip-172-31-19-42 face]$ sudo vim index.php
[ec2-user@ip-172-31-19-42 face]$ sudo rm index.php
[ec2-user@ip-172-31-19-42 face]$ sudo vim index.php
[ec2-user@ip-172-31-19-42 face]$ sudo php index.php
[ec2-user@ip-172-31-19-42 face]$ sudo php index.php
Image upload done... Here is the URL:https://hotchoclate.s3.us-east-2.amazonaws.
[ec2-user@ip-172-31-19-42 face]$ sudo php index.php
Image upload done... Here is the URL:https://hotchoclate.s3.us-east-2.amazonaws.
com/image2.jpgTotally there are 9 faces[ec2-user@ip-172-31-19-42 face]$ sudo php
 index.php
Image upload done... Here is the URL:https://hotchoclate.s3.us-east-2.amazonaws.
[ec2-user@ip-172-31-19-42 face]$ cd /var/www/html/face
[ec2-user@ip-172-31-19-42 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-19-42 face]$ ls
composer.json  composer.lock  image2.jpg  index.php  vendor
[ec2-user@ip-172-31-19-42 face]$ sudo vim index.php
[ec2-user@ip-172-31-19-42 face]$ sudo vim index.php
[ec2-user@ip-172-31-19-42 face]$ sudo php index.php
[ec2-user@ip-172-31-19-42 face]$ sudo php index.php
Image upload done... Here is the URL: https://hotchoclate.s3.us-east-2.amazonaws
```

SCREENSHOTS OF EC2 AND REKOGNITION

1. FACE DETECT SUCCESS SCREENSHOT