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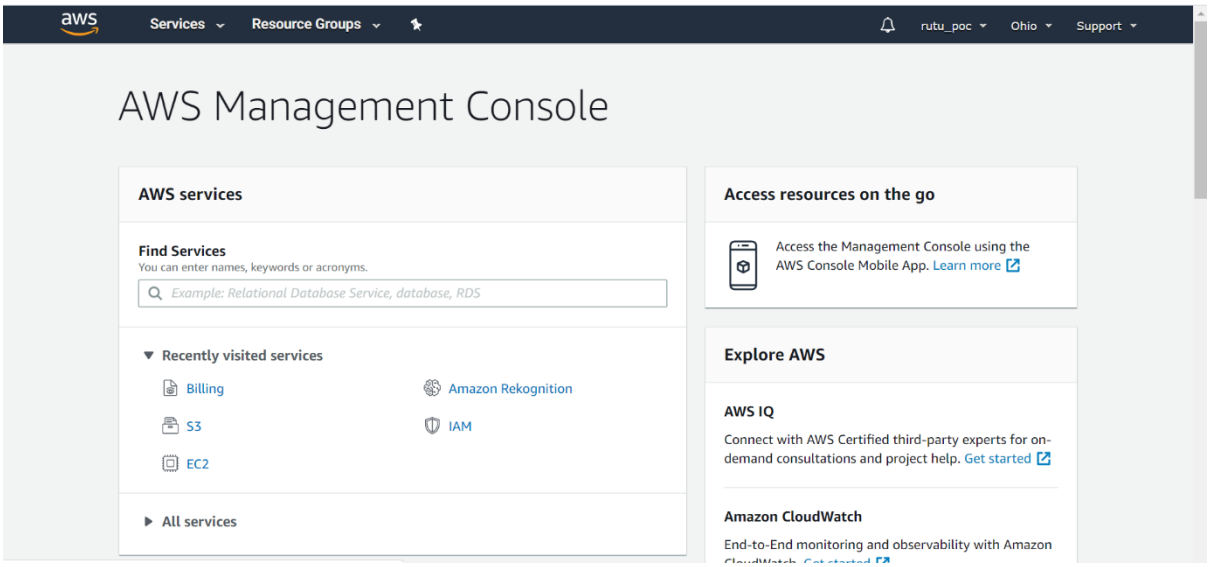
University: VIT, Vellore

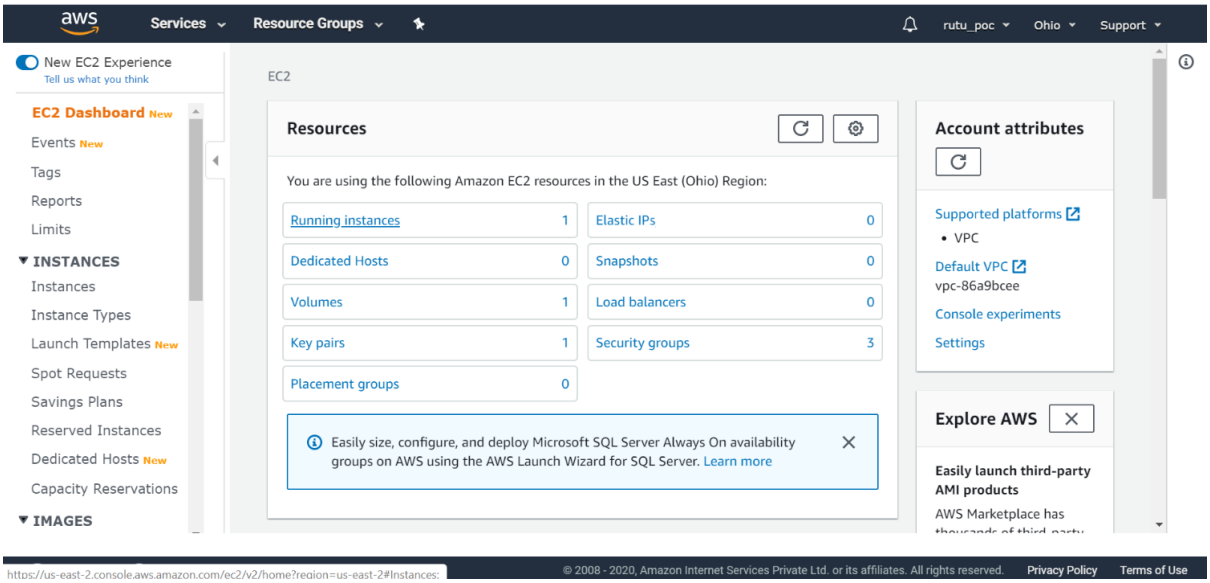
Course: MTech Computer Science

Screenshots for dashboards

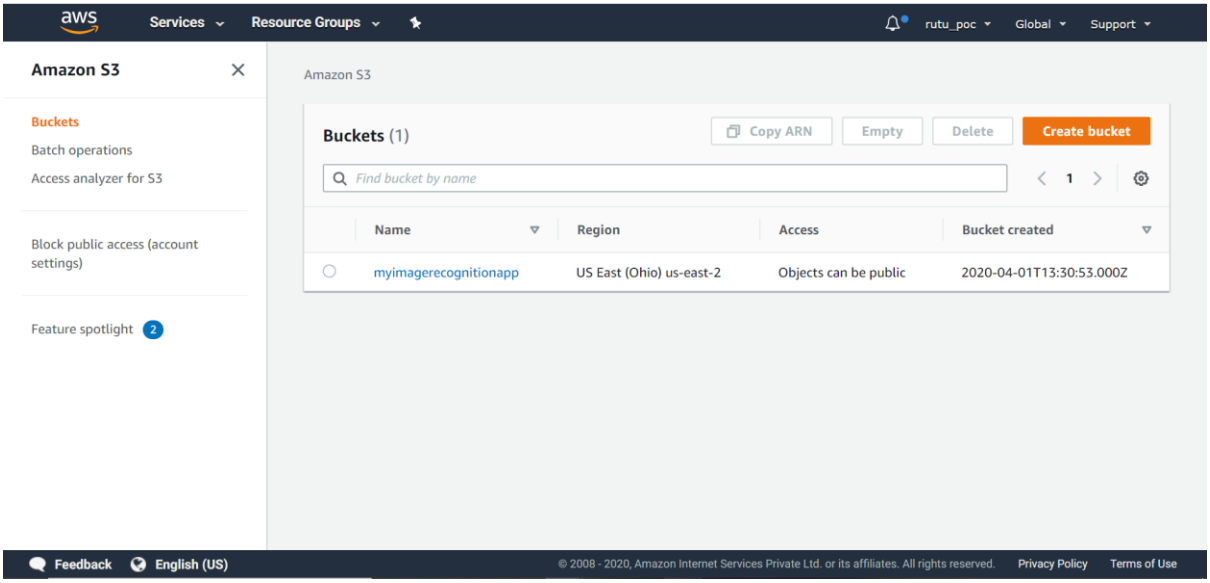
1. AWS Login screen with username



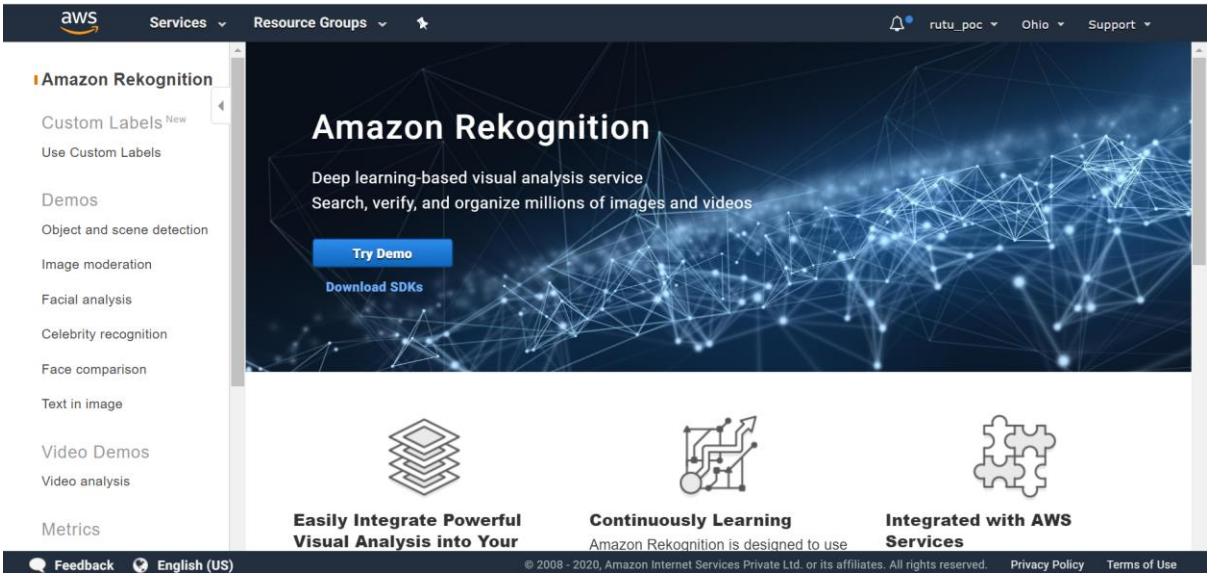
2. EC2 Dashboard



3. S3 Dashboard

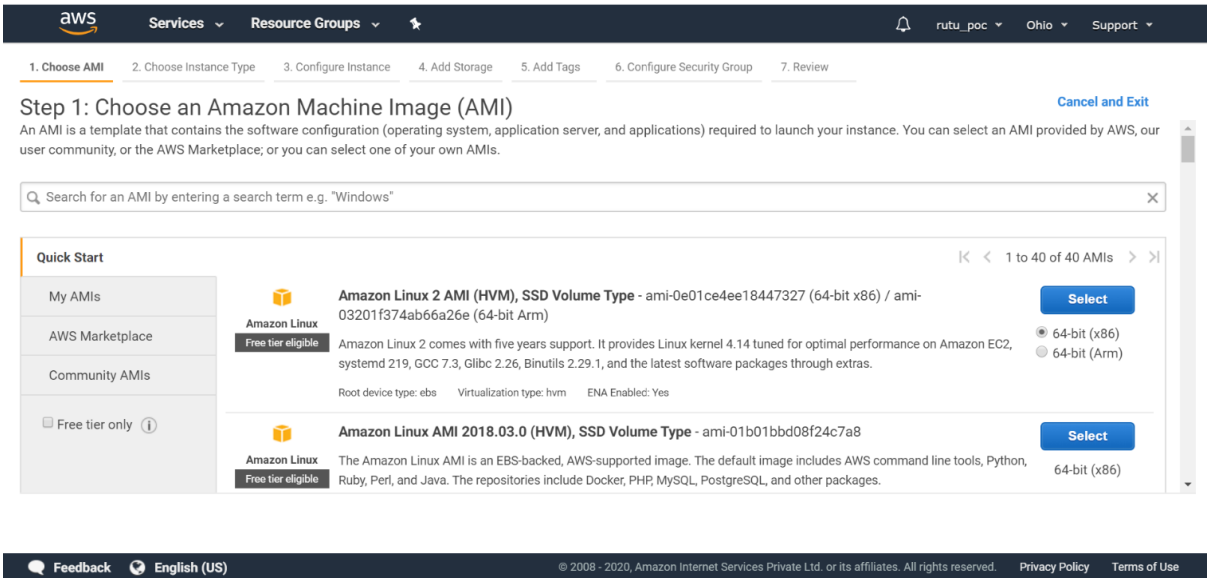


4. Rekognition Dashboard

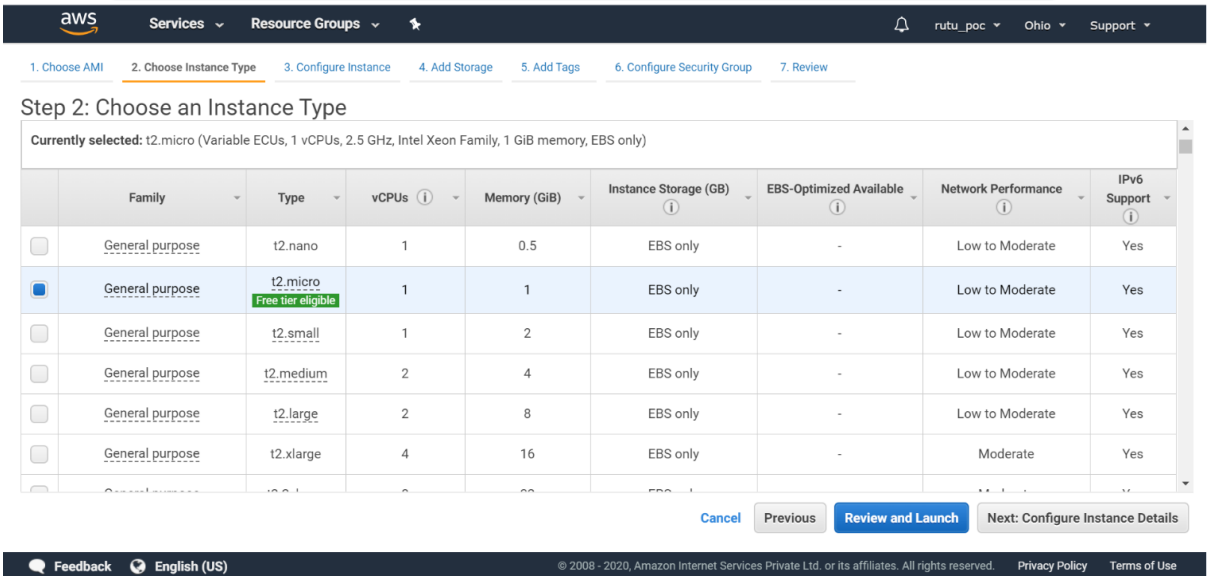


Screenshots for EC2

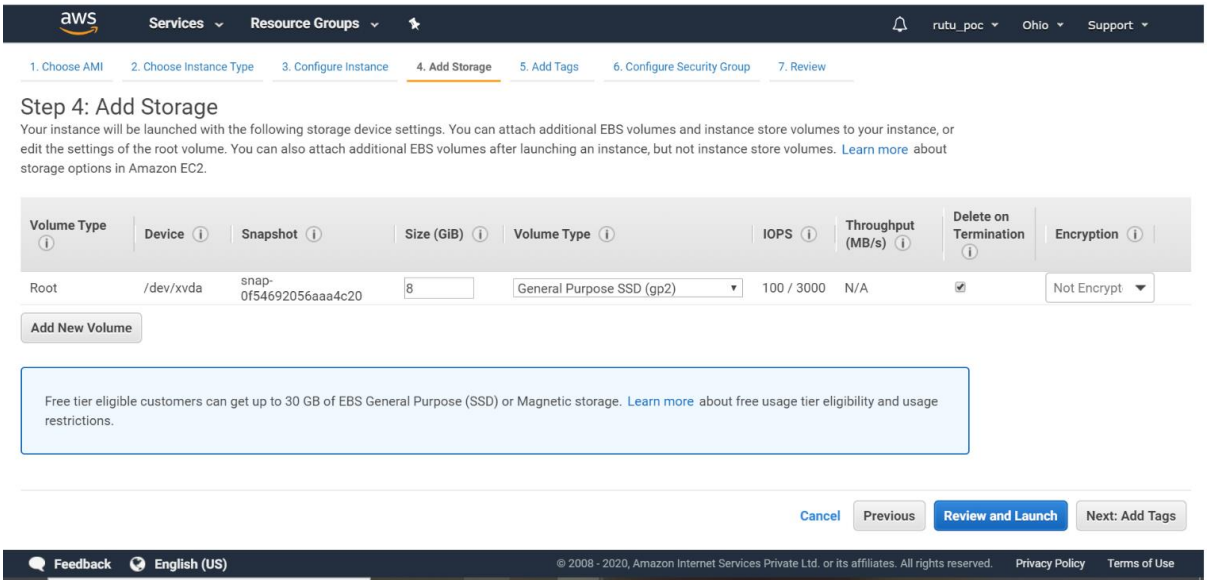
1. Choosing an AMI



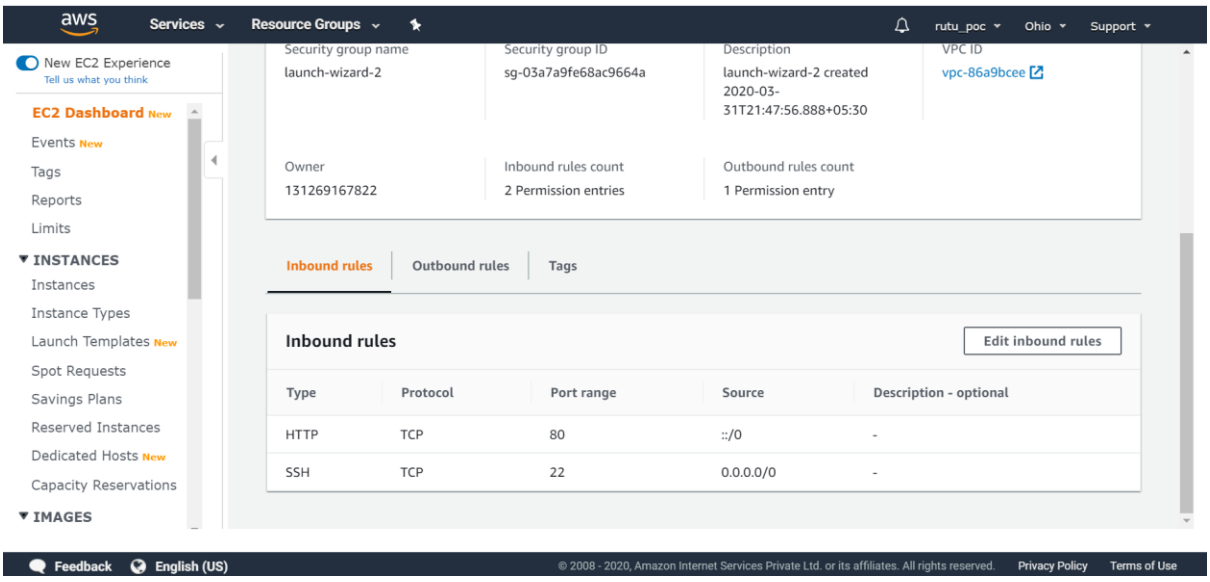
2. Choosing an Instance Type



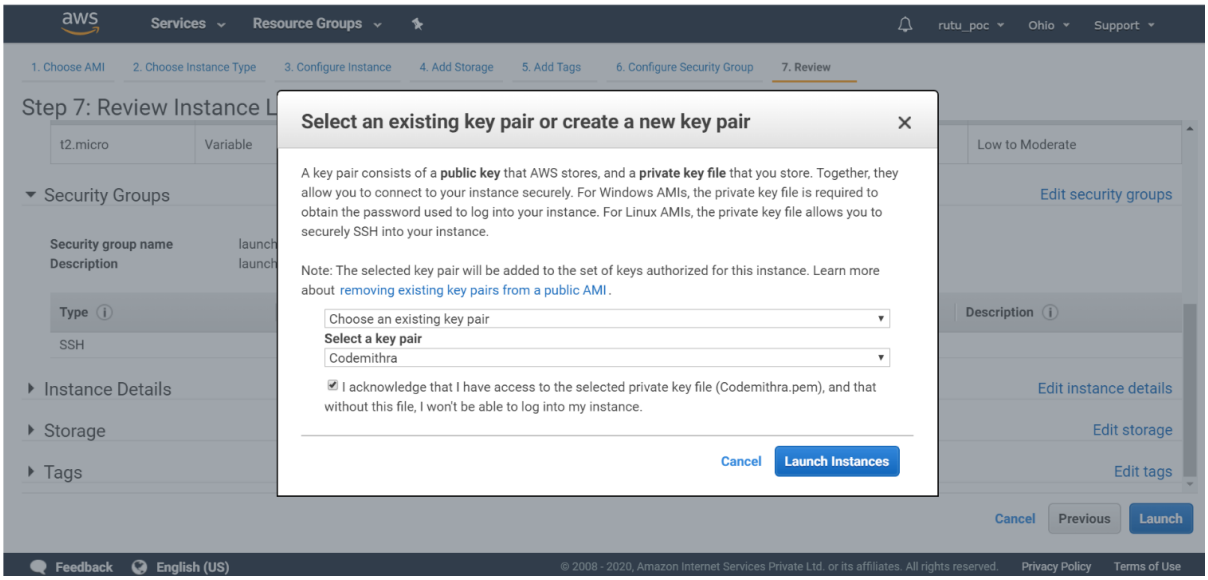
3. Adding Storage



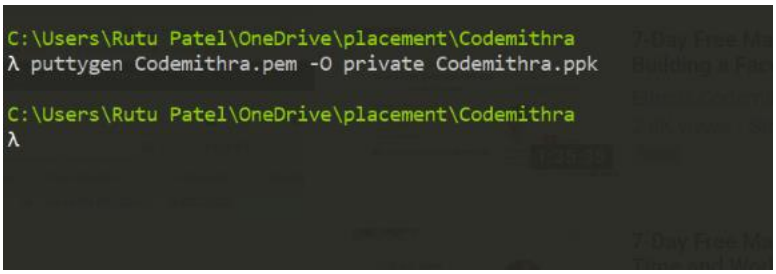
4. Configuring Security Group



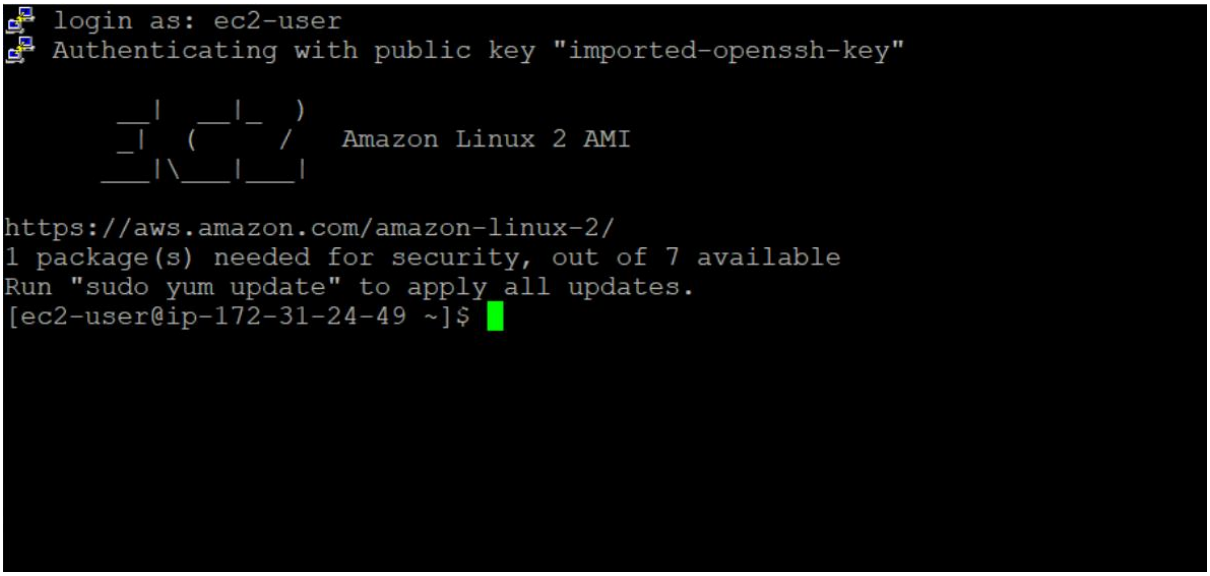
5. Key Pair Download



6. PuTTYgen conversion from pem to ppk

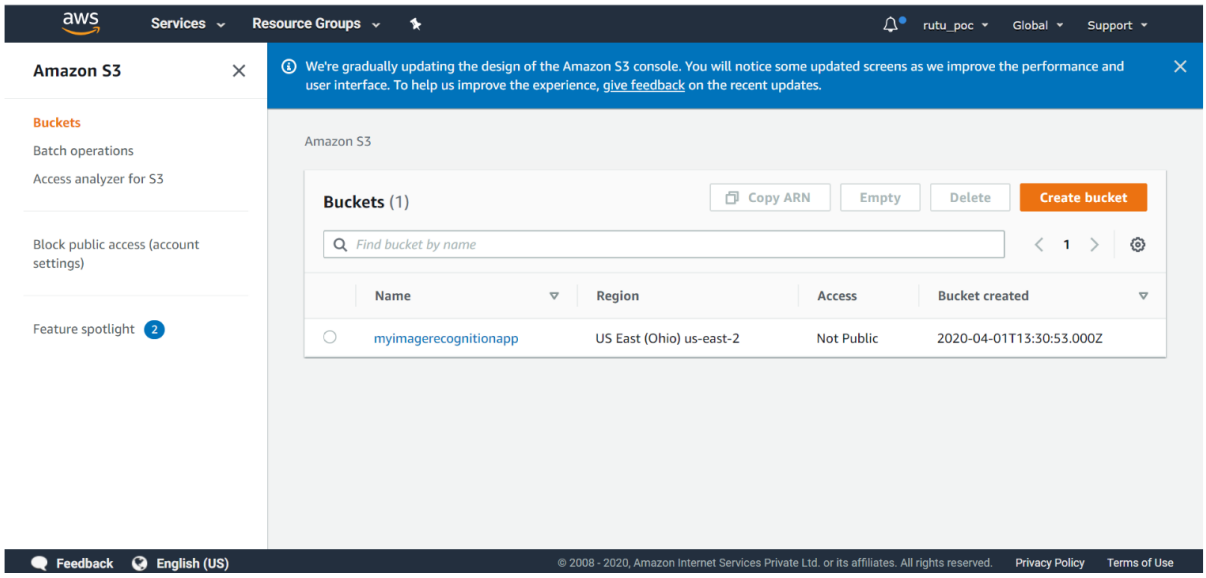


7. Logged in EC2 black screen

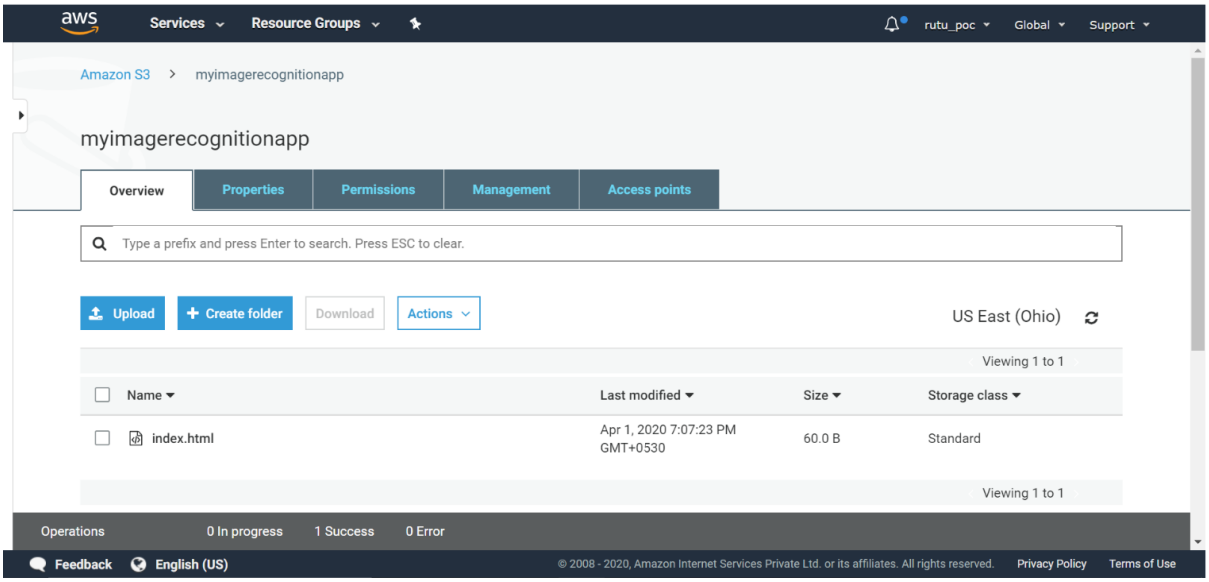


Screenshots for S3

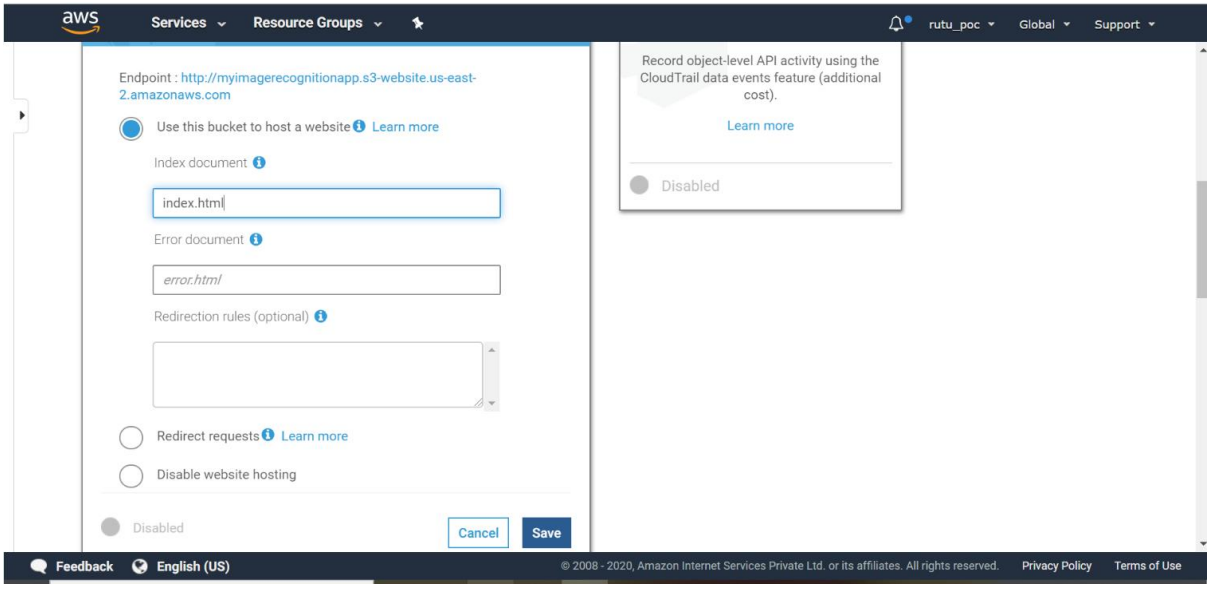
1. Creating a bucket



2. Uploading an Object

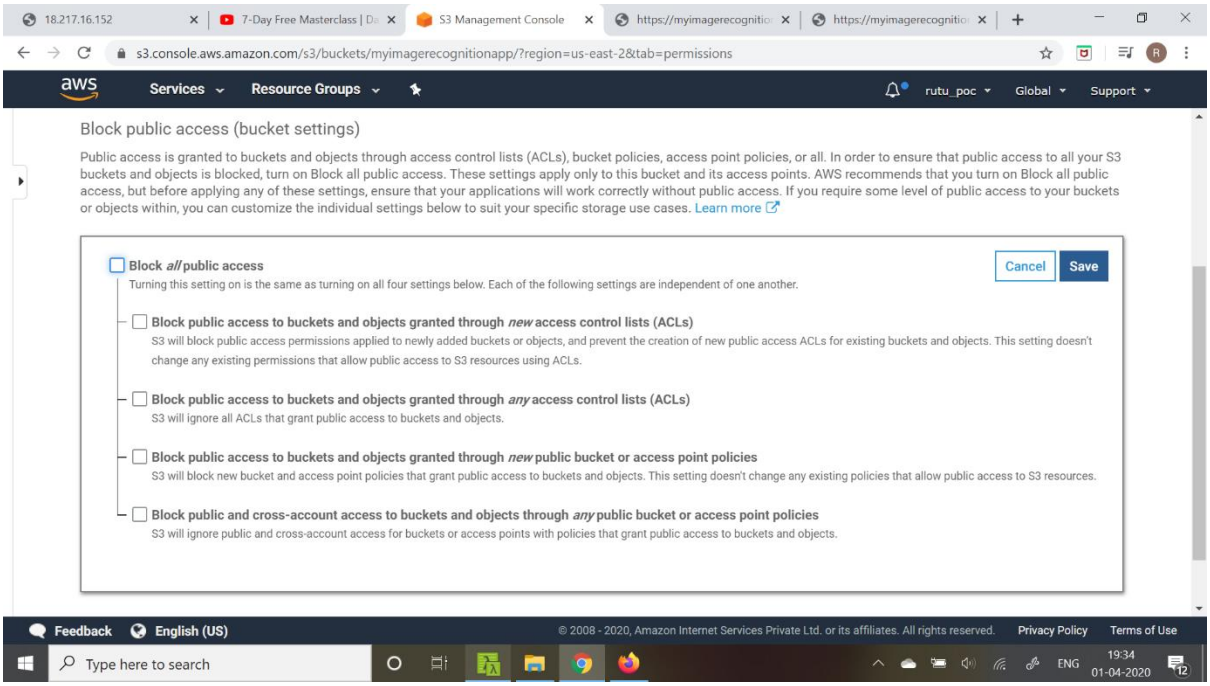


3. Enabling Static Website

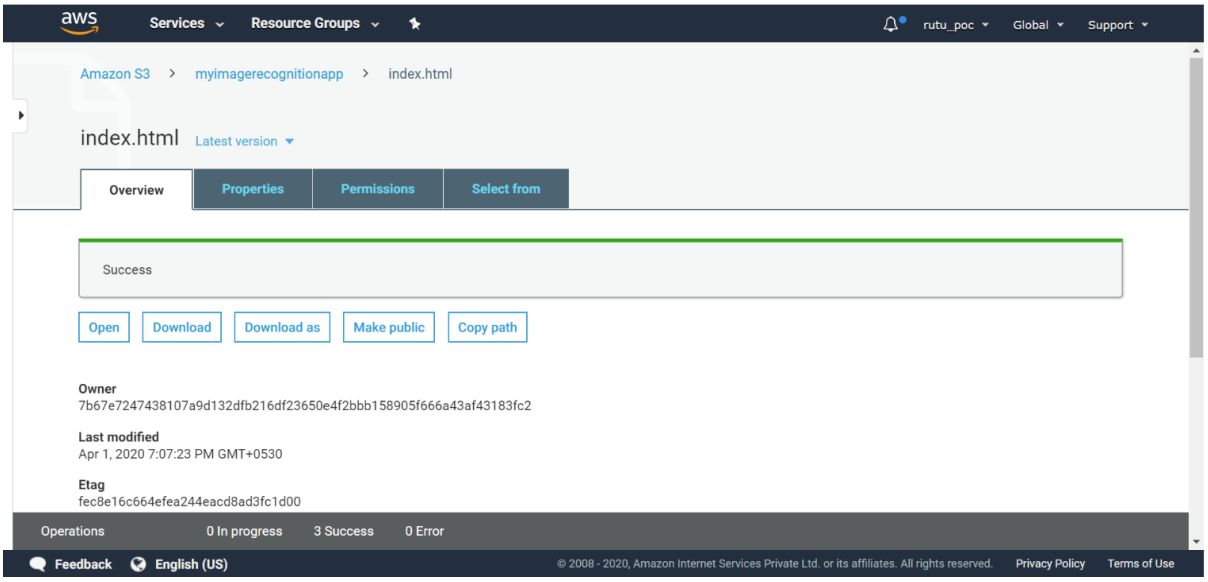


4. Making the Object Public

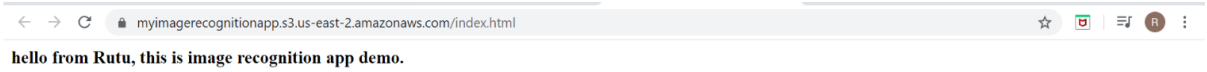
Making bucket public



Making object public



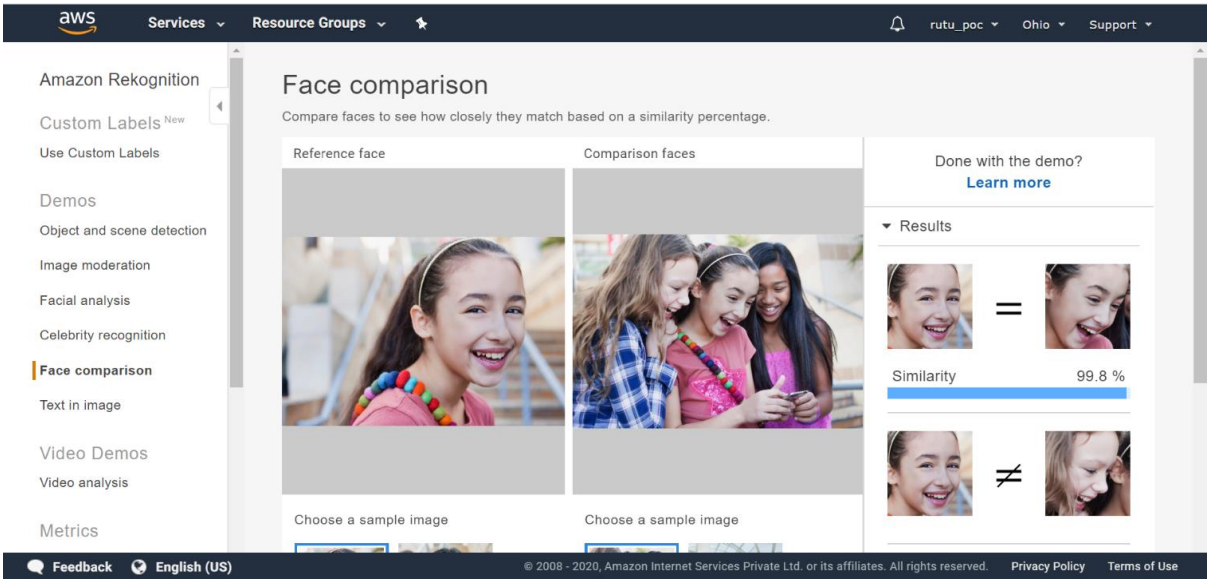
5. Checking the S3 link on the browser



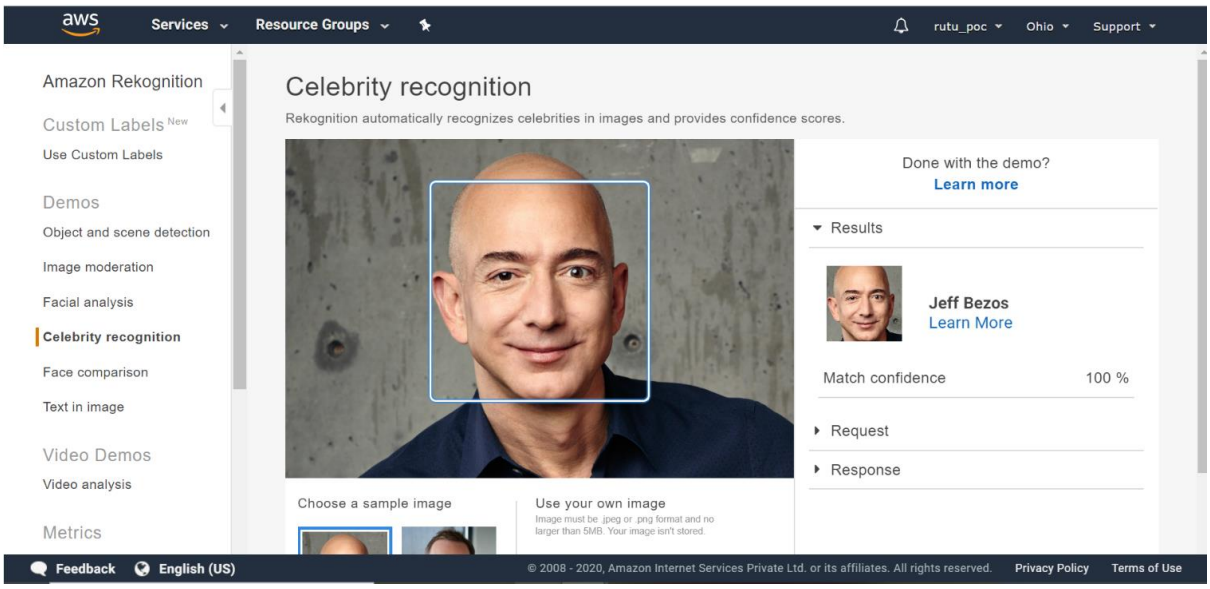
Screenshots needed for Rekognition

1. Face Detect

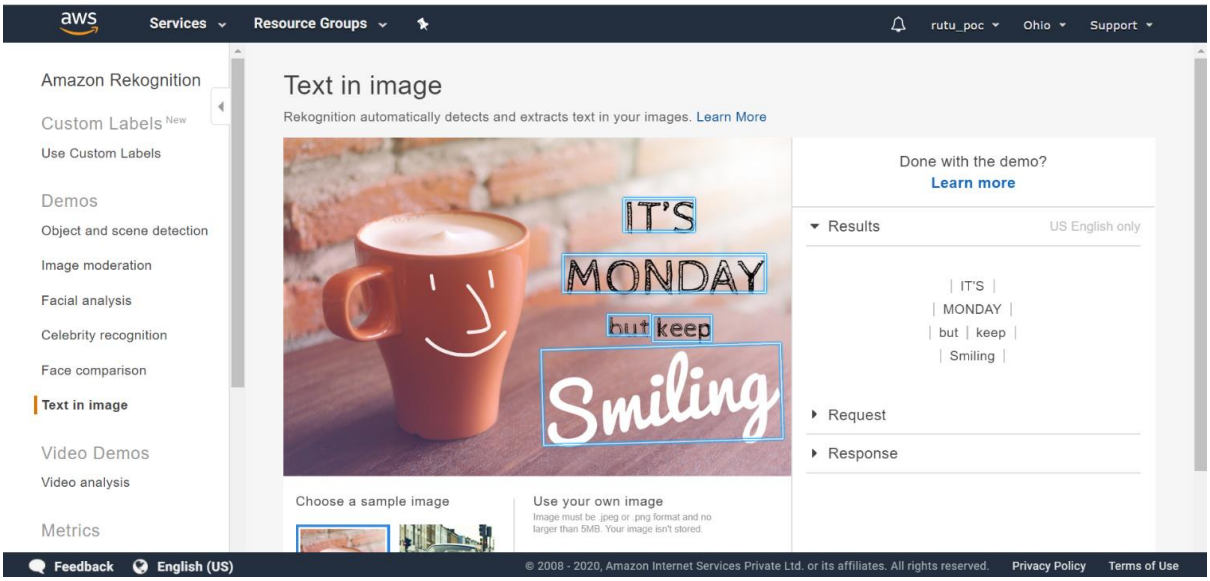
2. Face Compare



3. Celebrity Recognition

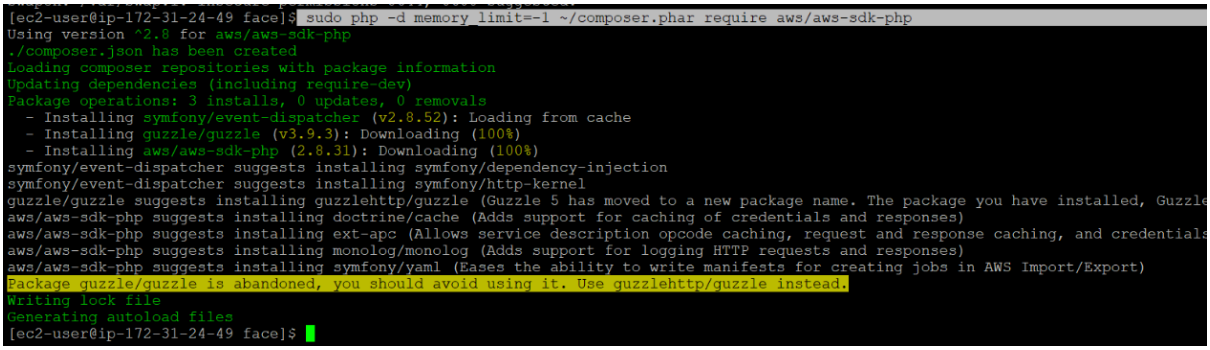


4. Text in Image

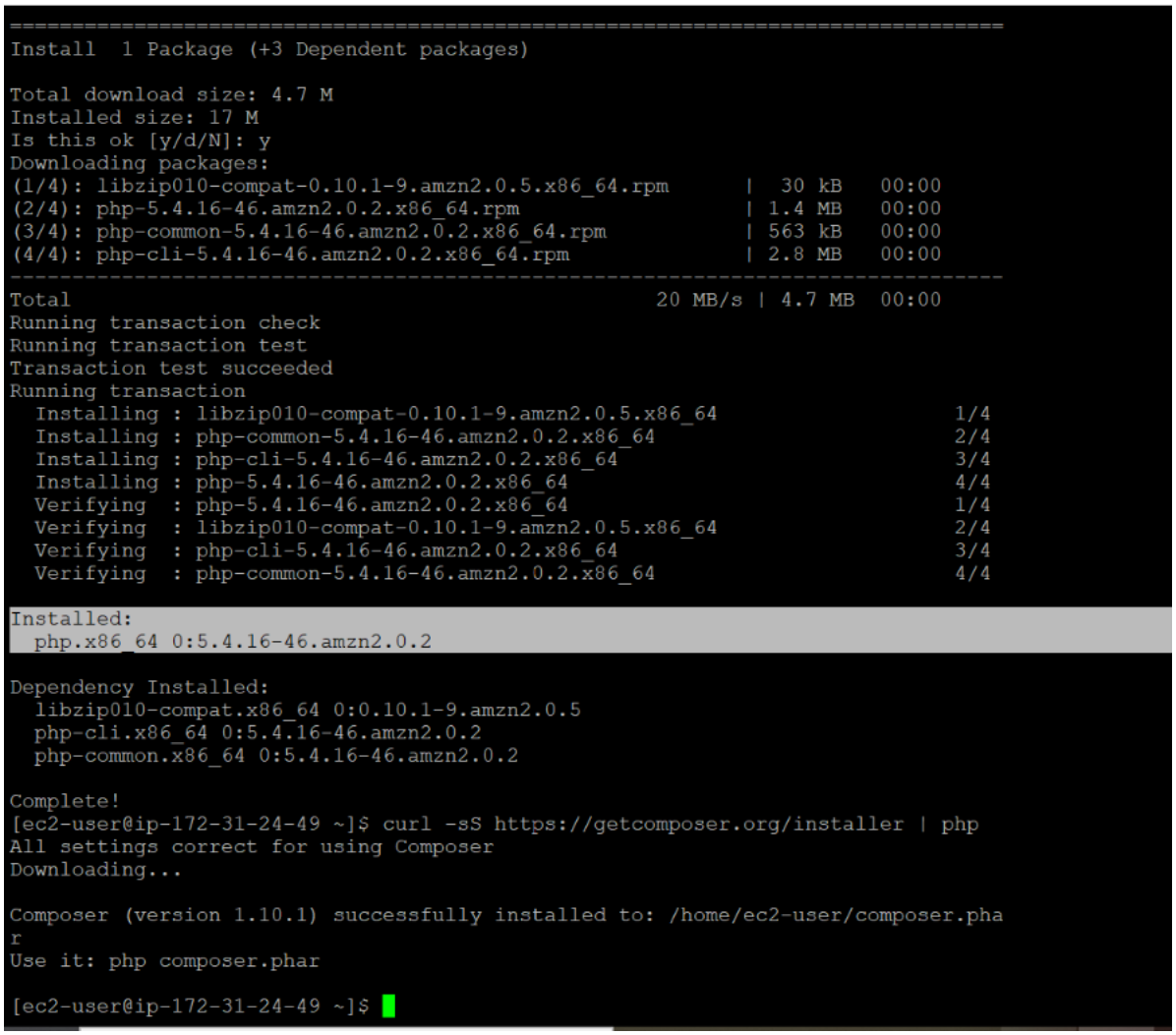


Sceenshots needed for EC2 and S3

1. Installing aws-sdk



2. Installing php

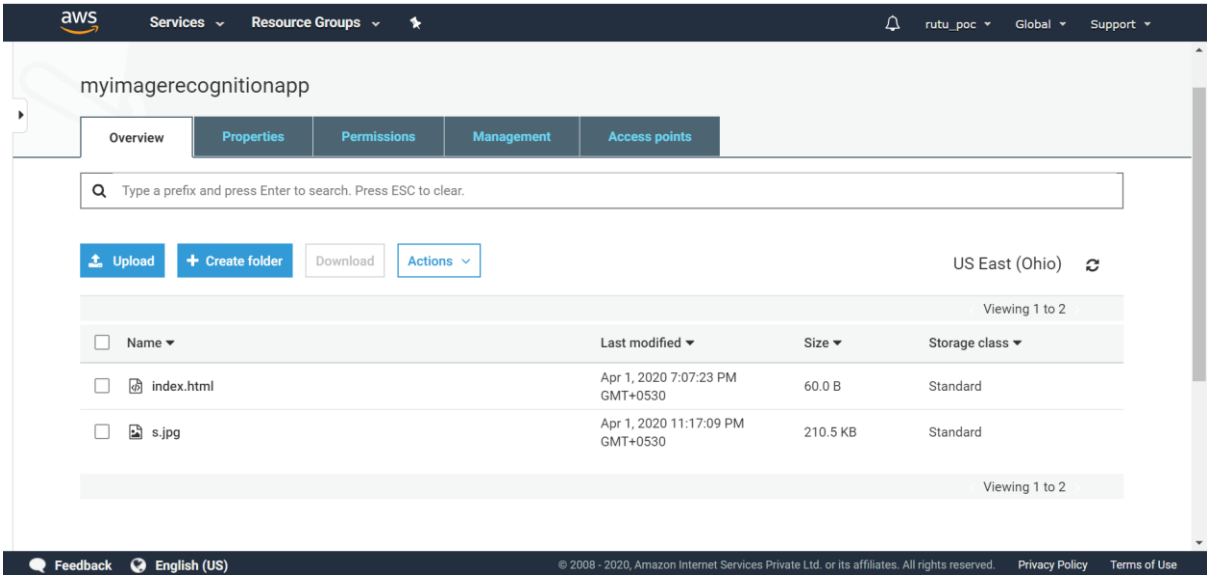


3. index.php file code

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

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


$bucket = 'myimagerecognitionapp';
$keyname = 's.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,
                                ],
                        ],
```

4. Upload success screenshot

```
[ec2-user@ip-172-31-24-49 face]$ sudo vim index.php
[ec2-user@ip-172-31-24-49 face]$ sudo php index.php
Image upload done... Here is the URL: https://myimagerecognitionapp.s3.us-east-2.amazonaws.com/s.jpg[
```



Screenshots needed for EC2 and Rekognition

1. Face Detect success screenshot