FACE DETECTION APP ON AWS Part-3

- ## PHP Install

- ## Composer Install

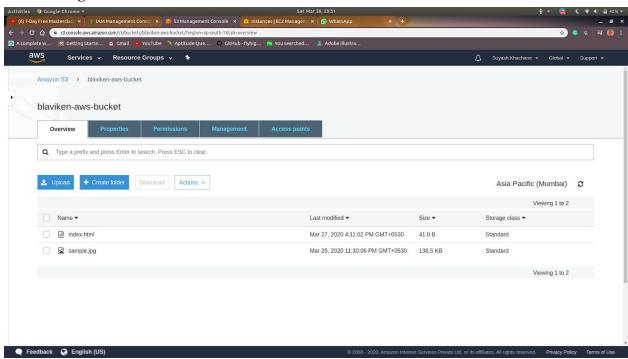● **AWS-SDK Install**

● **Index.php File**

```
index (2).php
~/Downloads/Telegram Desktop
```

```php
11
12  In case if you get memory error -
13      sudo /bin/dd if=/dev/zero of=/var/swap.1 bs=1M count=1024
14      sudo /sbin/mkswap /var/swap.1
15      sudo /sbin/swapon /var/swap.1
16
17  sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
18  sudo mv b97ea33b5842c7894b804923c6c05580.jpg sample.jpg
19
20  */
21  error_reporting(0);
22
23  require_once(__DIR__ . '/vendor/autoload.php');
24
25  use Aws\S3\S3Client;
26  use Aws\Rekognition\RekognitionClient;
27
28
29  $bucket = 'Your Bucket Name';
30  $keyname = 'Your File Name';
31
32  $s3 = S3Client::factory([
33      'profile'   => 'default',
34      'region'    => 'us-east-2',
35      'version'   => '2006-03-01',
36      'signature' => 'v4'
37  ]);
38
39  try {
40      // Upload data.
41      $result = $s3->putObject([
42          'Bucket'        => $bucket,
43          'Key'           => $keyname,
44          'SourceFile'    => __DIR__ . "/$keyname",
45          'ACL'           => 'public-read'
46      ]);
47
48      // Print the URL to the object.
49      $imageUrl = $result['ObjectURL'];
50      if($imageUrl) {
51          echo "Image upload done... Here is the URL: " . $imageUrl;
52      }
53  } catch (Exception $e) {
54      echo $e->getMessage() . PHP_EOL;
55  }
```

```
PHP ▾   Tab Width: 4 ▾              Ln 11, Col 1  ▾        INS
```

- **Successful Upload of Image**

```
ec2-user@ip-172-31-15-129:/var/www/html/face

[ec2-user@ip-172-31-15-129 face]$ ls
881213-twitter-6.jpg  composer.json  composer.lock  vendor
[ec2-user@ip-172-31-15-129 face]$ sudo mv 881213-twitter-6.jpg sample.jpg
[ec2-user@ip-172-31-15-129 face]$ ls
composer.json  composer.lock  sample.jpg  vendor
[ec2-user@ip-172-31-15-129 face]$ sudo vim index.php
[ec2-user@ip-172-31-15-129 face]$ sudo php index.php
Error retrieving credentials from the instance profile metadata server. When you
are not running inside of Amazon EC2, you must provide your AWS access key ID a
nd secret access key in the "key" and "secret" options when creating a client or
provide an instantiated Aws\Common\Credentials\CredentialsInterface object. (Cl
ient error response
[status code] 404
[reason phrase] Not Found
[url] http://169.254.169.254/latest/meta-data/iam/security-credentials/)
[ec2-user@ip-172-31-15-129 face]$ sudo vim index.php
[ec2-user@ip-172-31-15-129 face]$ sudo vim index1.php
[ec2-user@ip-172-31-15-129 face]$ sudo php index1.php
[ec2-user@ip-172-31-15-129 face]$ sudo vim index2.php
[ec2-user@ip-172-31-15-129 face]$ sudo php index2.php
Error retrieving credentials from the instance profile metadata server. When you
are not running inside of Amazon EC2, you must provide your AWS access key ID a
nd secret access key in the "key" and "secret" options when creating a client or
provide an instantiated Aws\Common\Credentials\CredentialsInterface object. (Cl
ient error response
[status code] 404
[reason phrase] Not Found
[url] http://169.254.169.254/latest/meta-data/iam/security-credentials/)
[ec2-user@ip-172-31-15-129 face]$ sudo php index2.php
Image upload done... Here is the URL: https://blaviken-aws-bucket.s3.ap-south-1.
[ec2-user@ip-172-31-15-129 face]$ []
```

- **Image in Bucket**

- **VPC Dashboard**

- ## **Creating new VPC**

- ## **Attaching Role**

- **Role Summary**