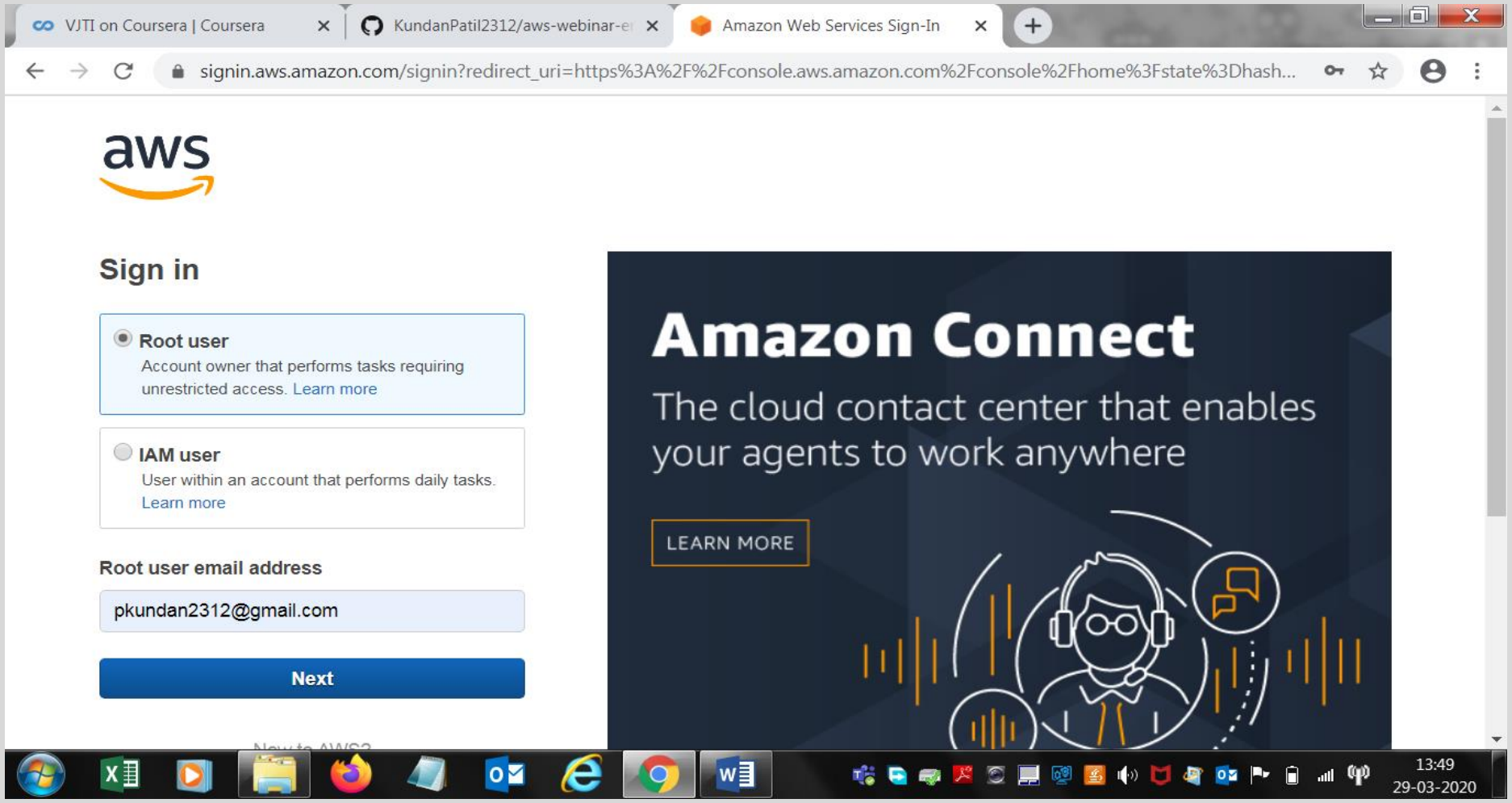
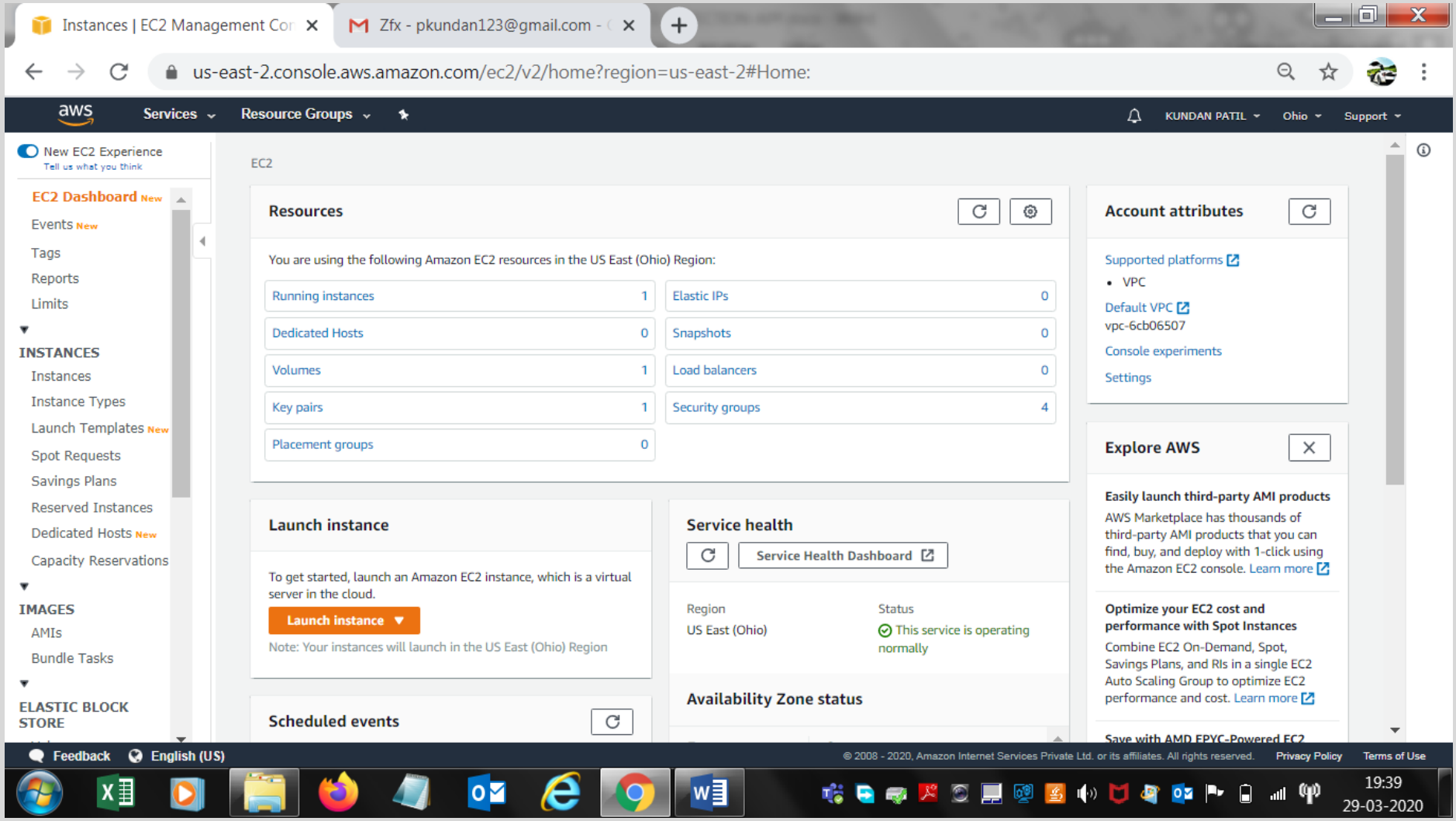
1. AWS

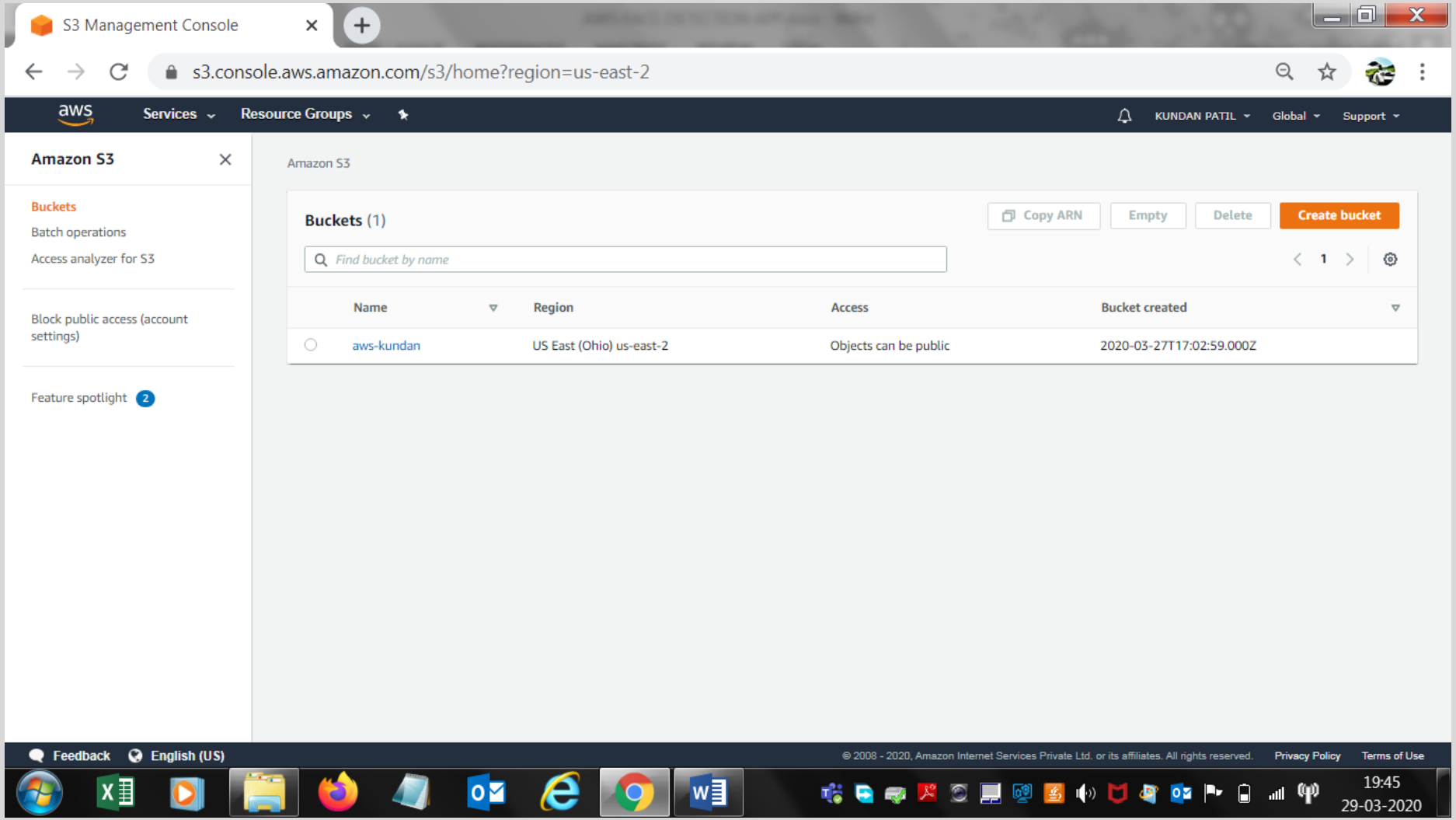
a) AWS LOGIN screen with username



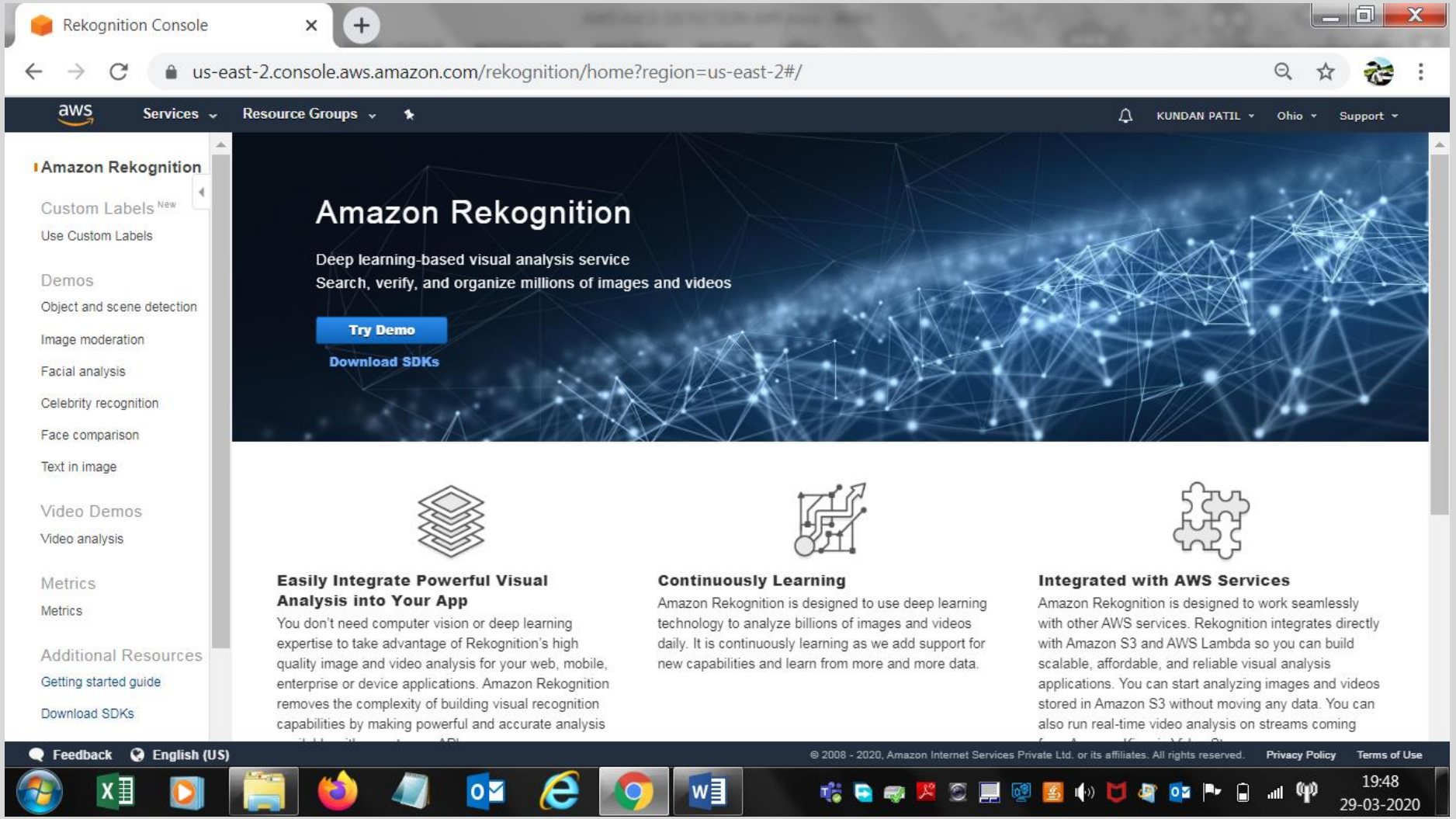
b) EC2 DASHBOARD



c) S3 DASHBOARD

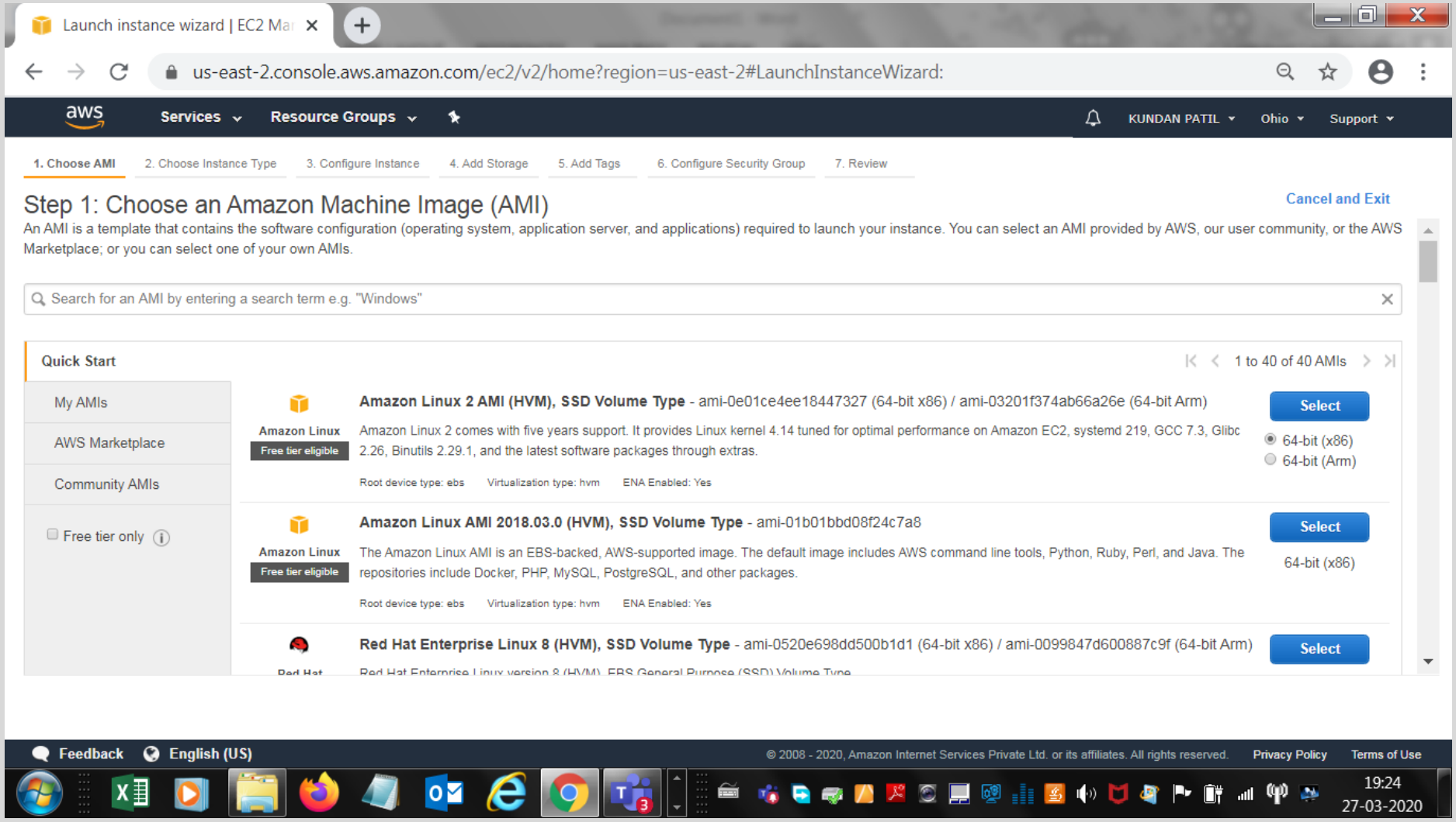


d) REKOGNITION DASHBOARD

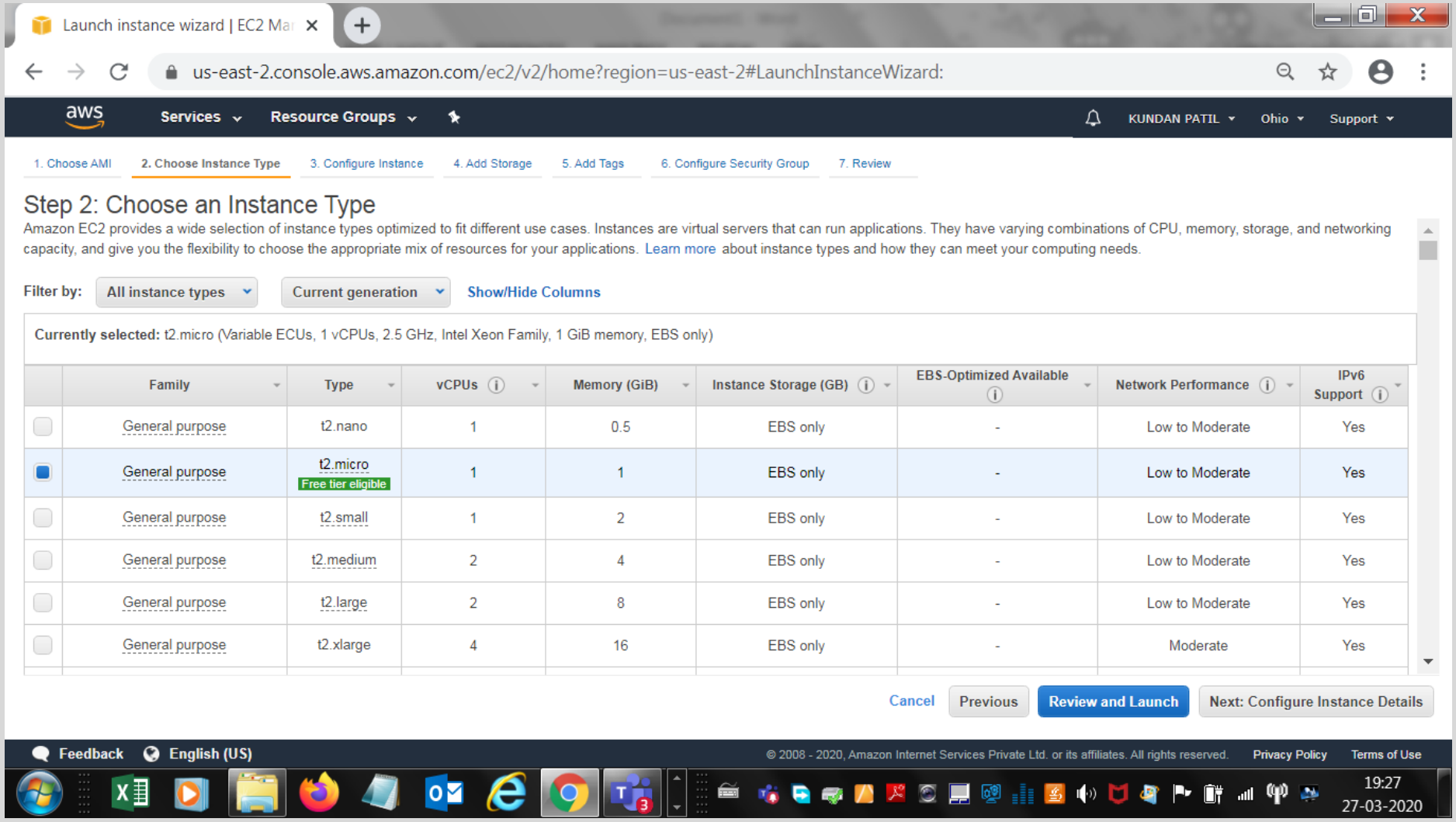


2. EC2

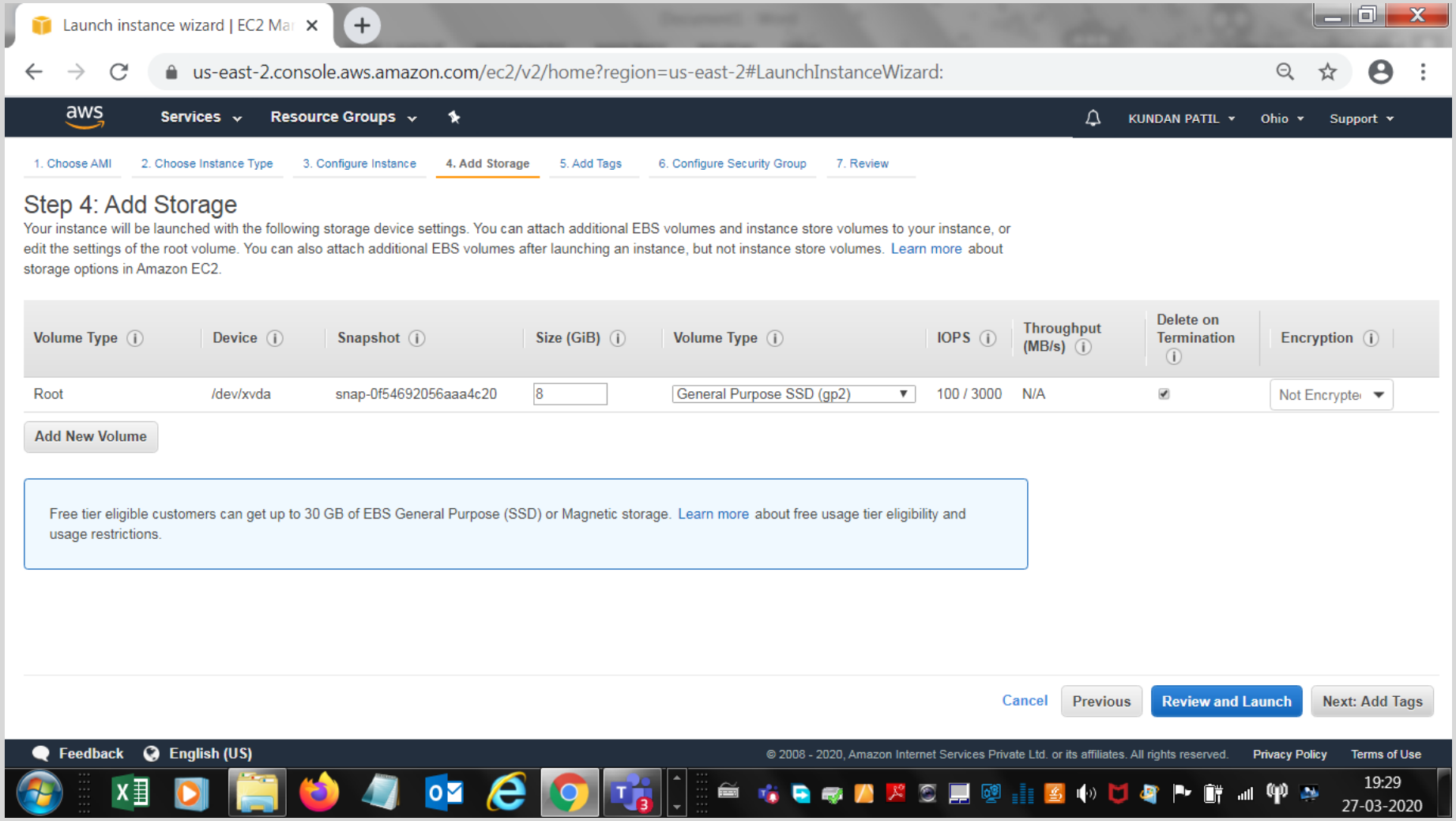
a) Choosing an AMI



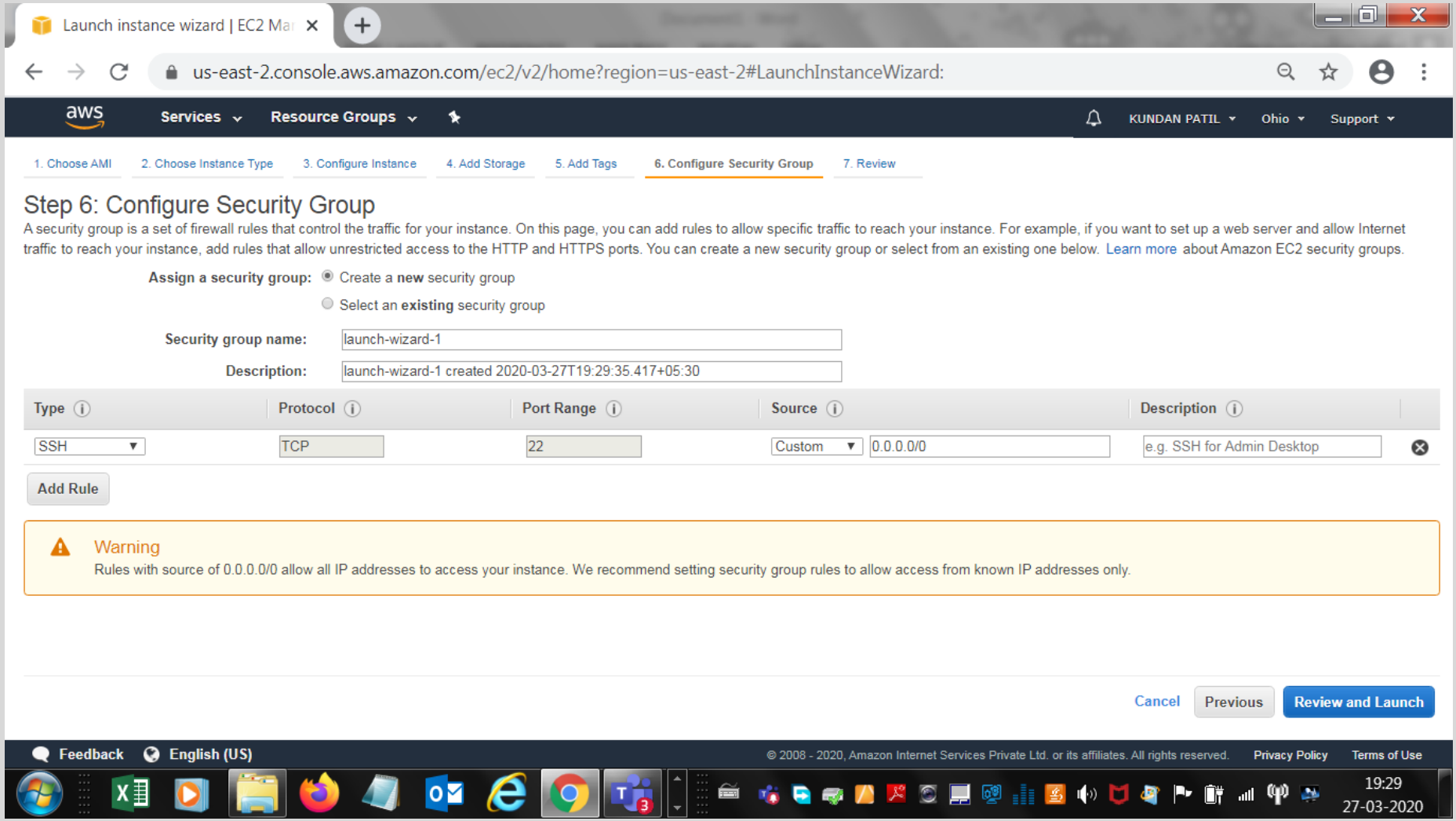
b) Choosing an Instance Type



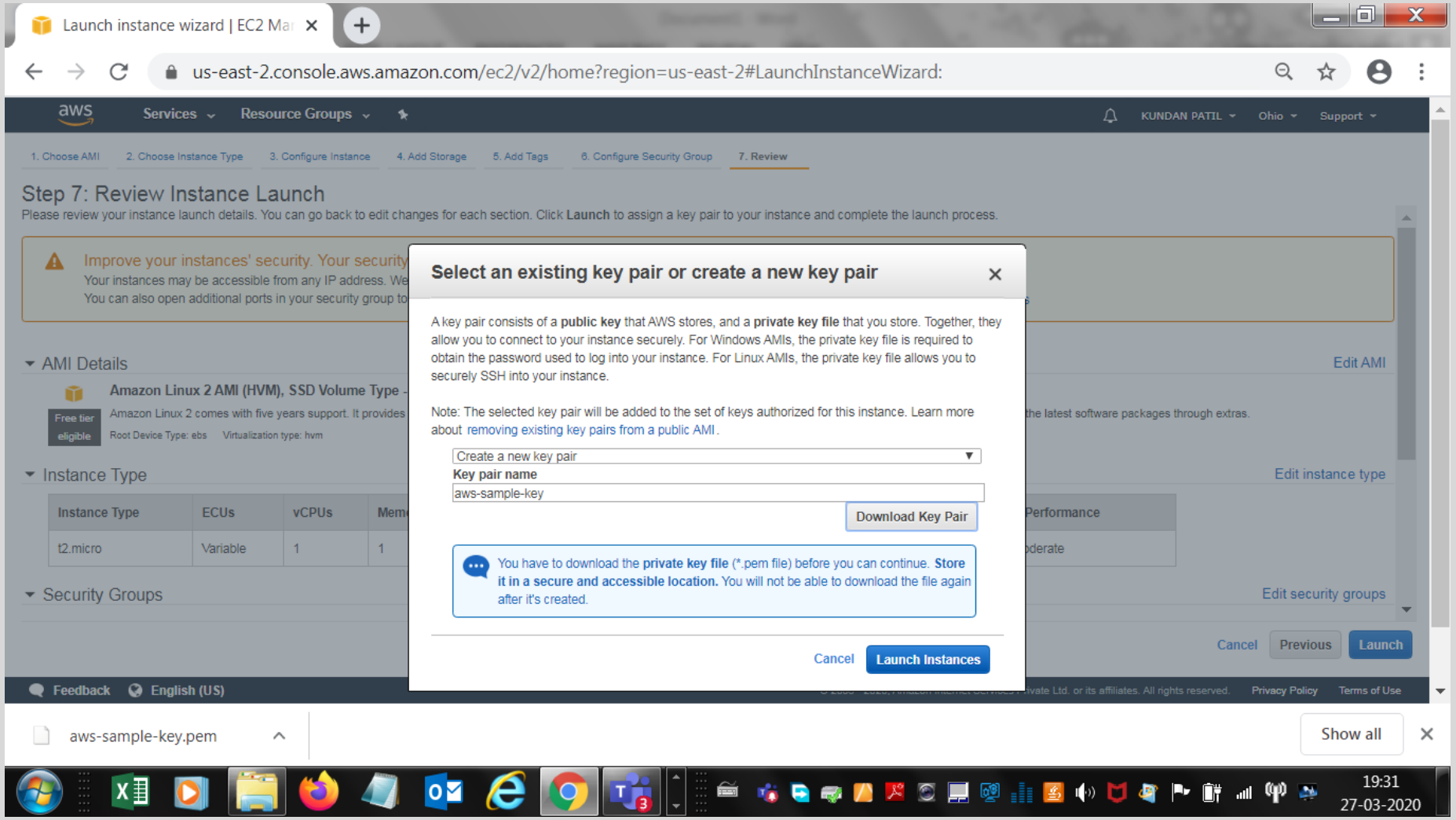
c) Adding Storage



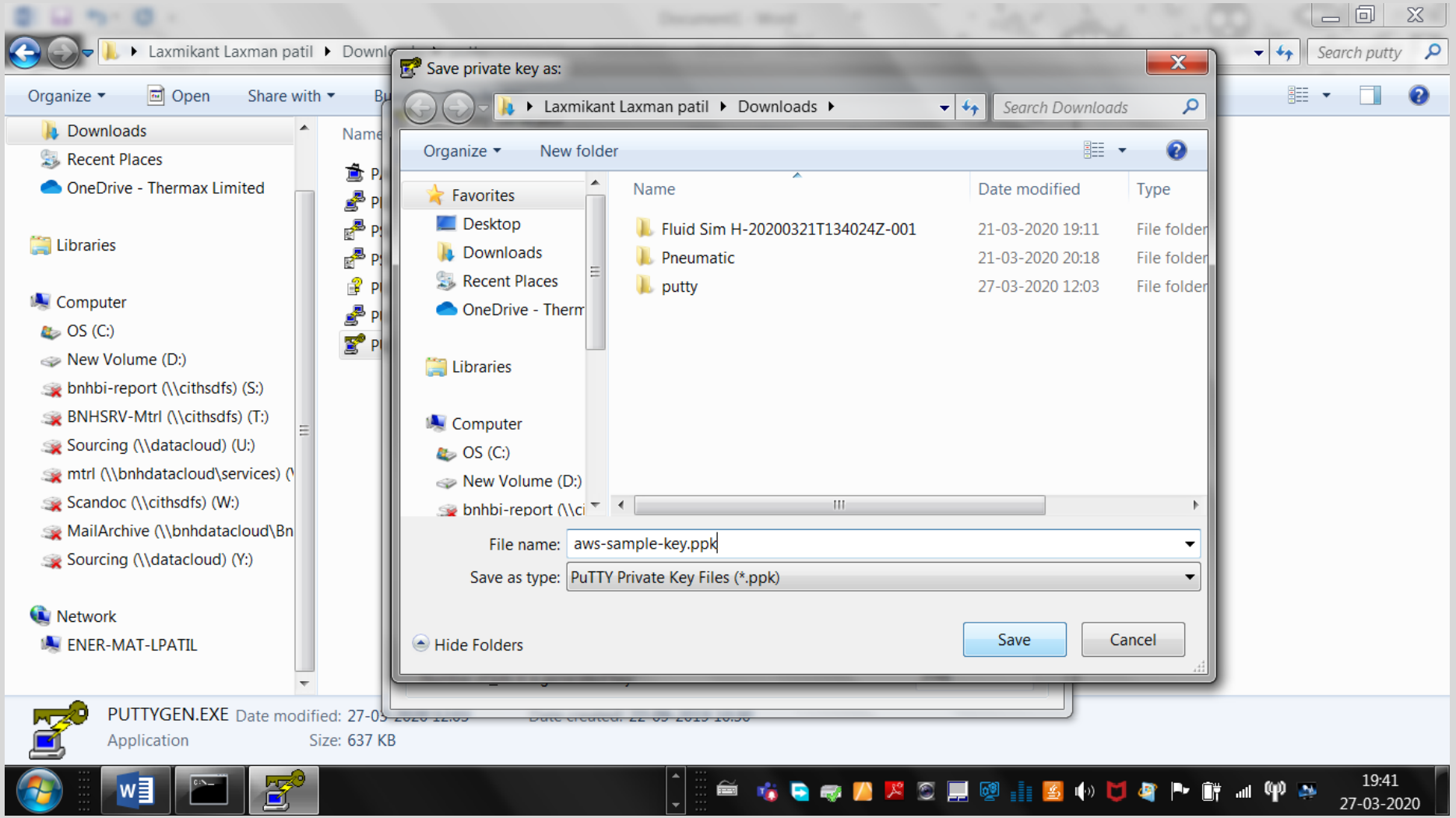
d) Configuring Security Group



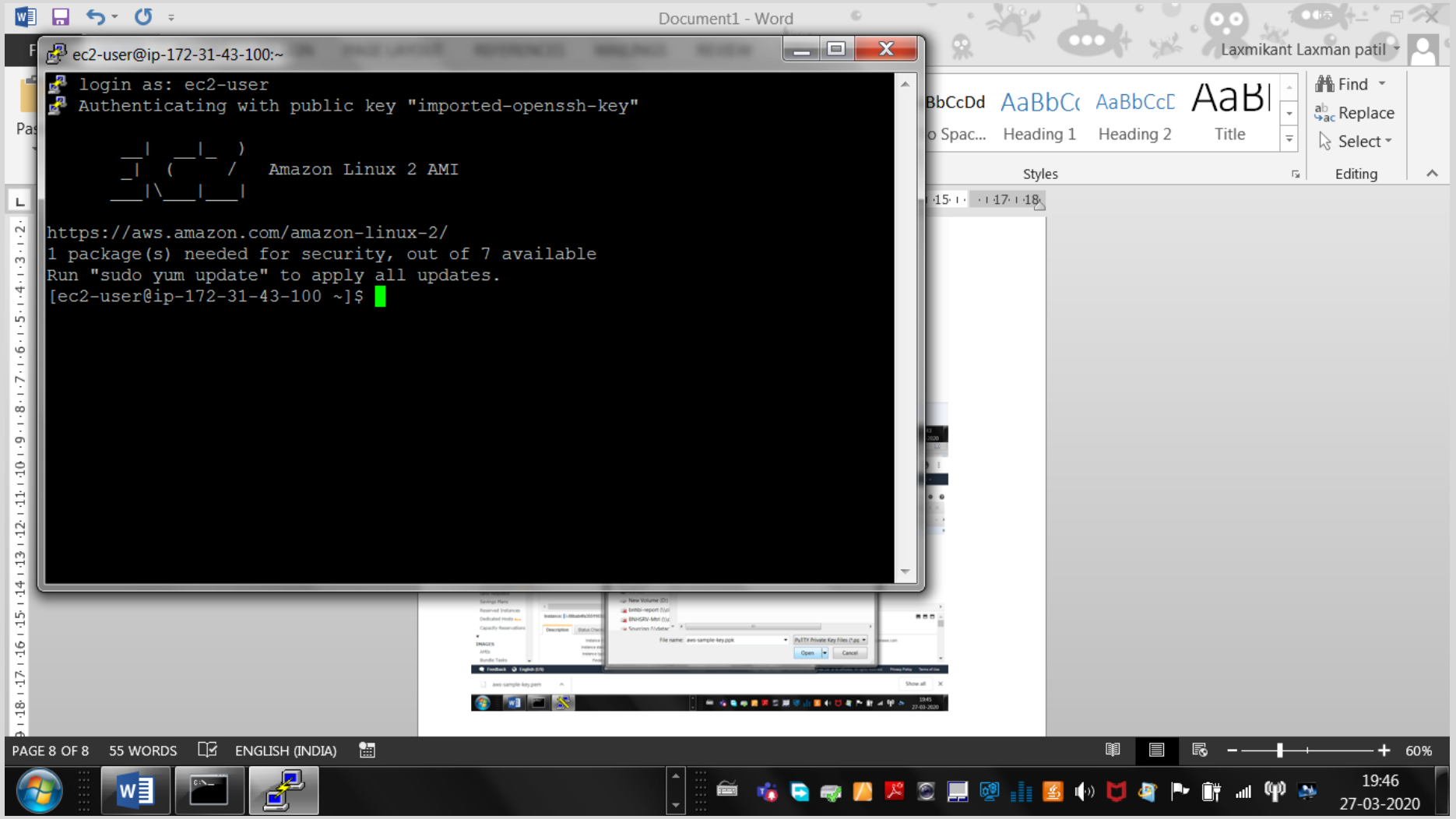
e) Key Pair Download



f) PuTTYgen conversion from pem to ppk

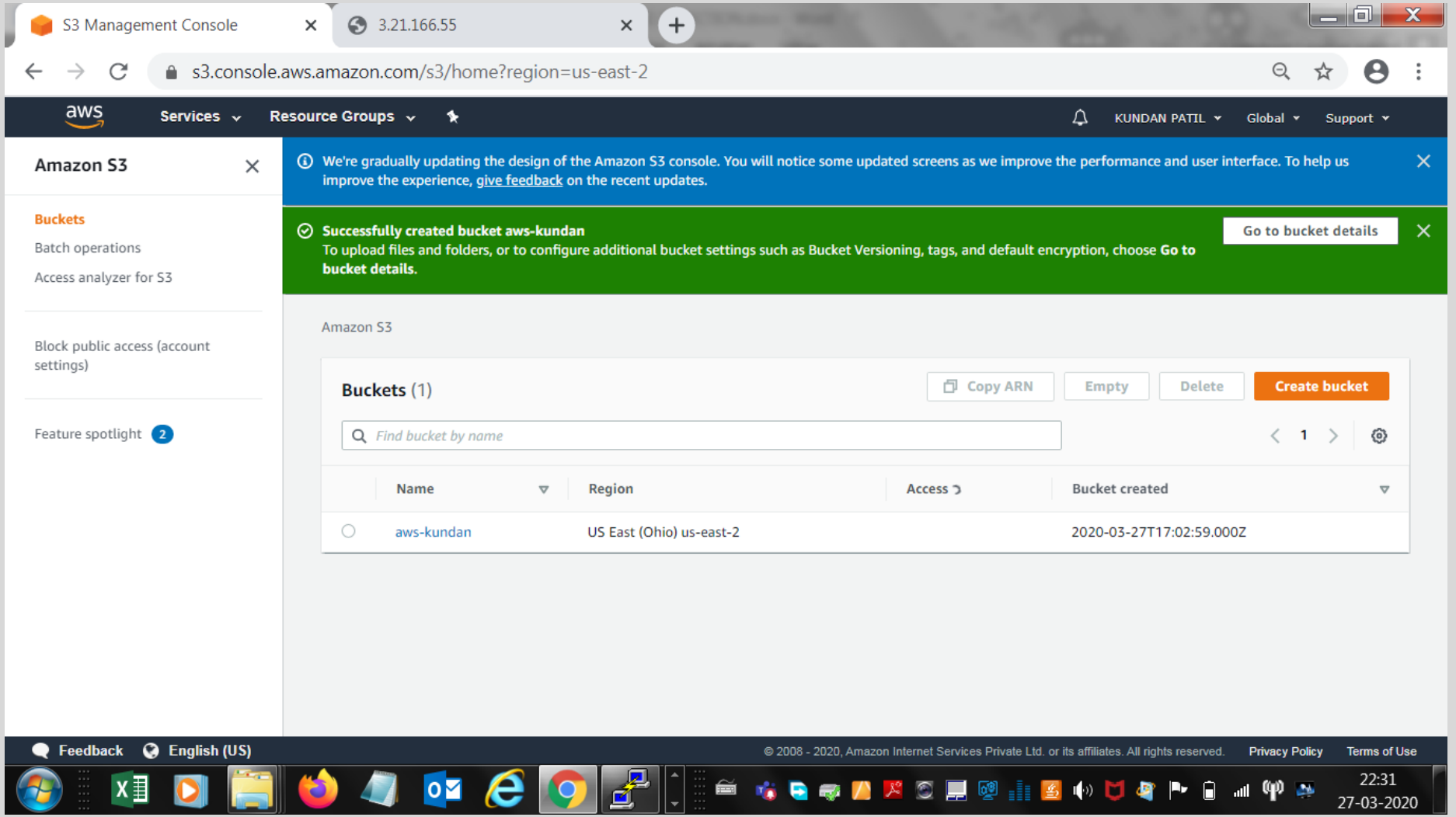


g) Logged in EC2 black screen

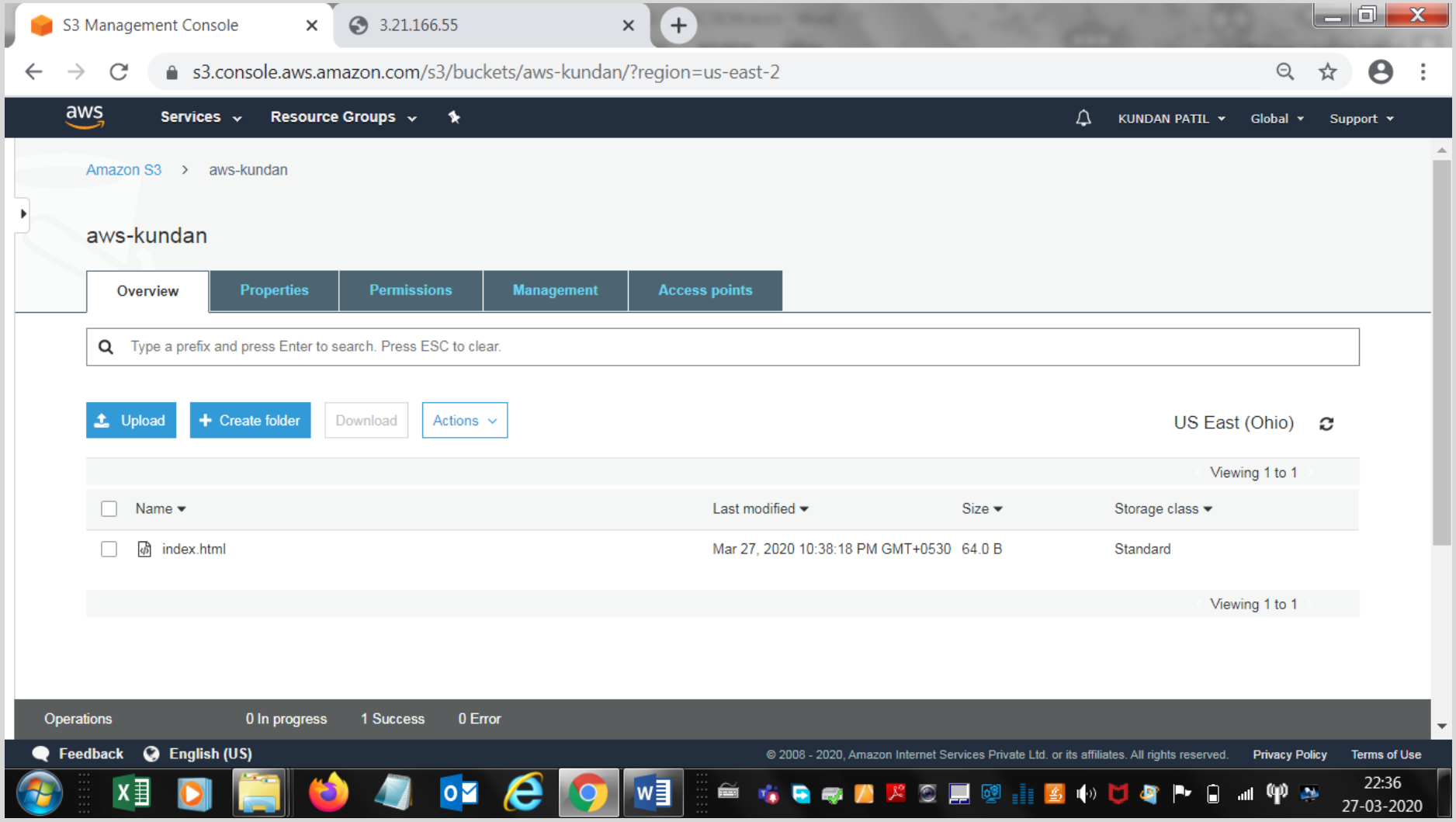


3.S3

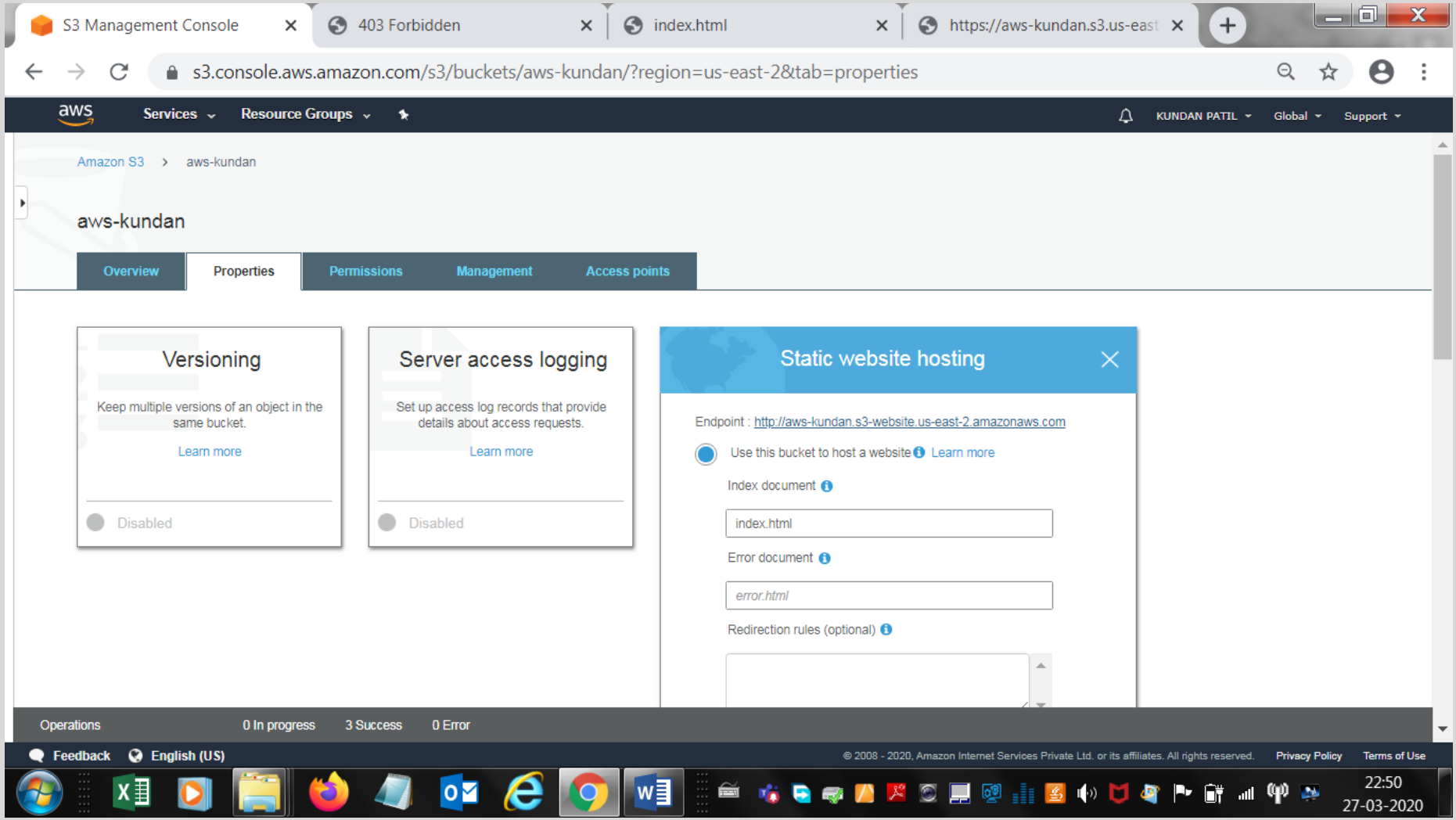
a) Creating a bucket



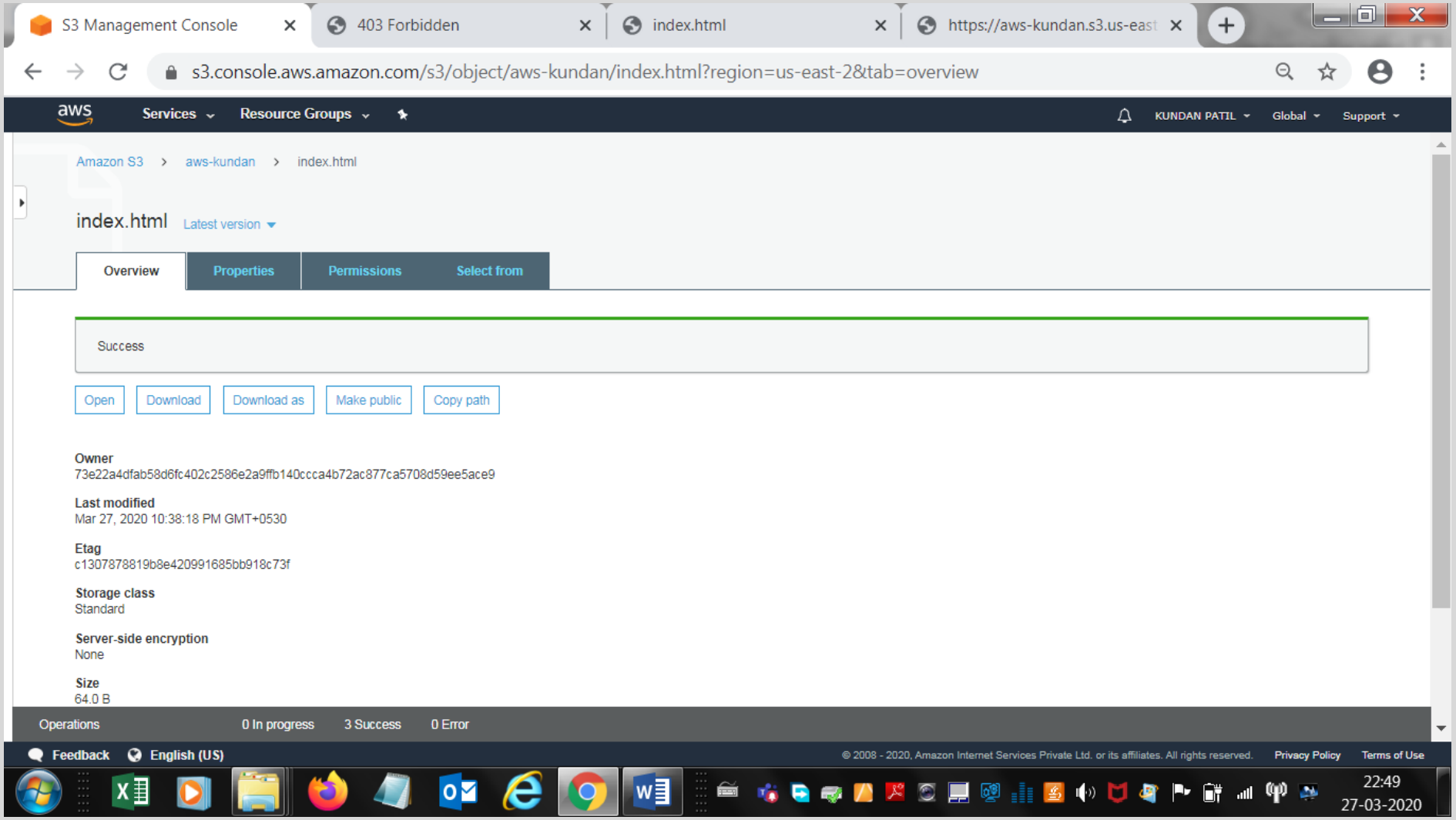
b) Uploading an Object



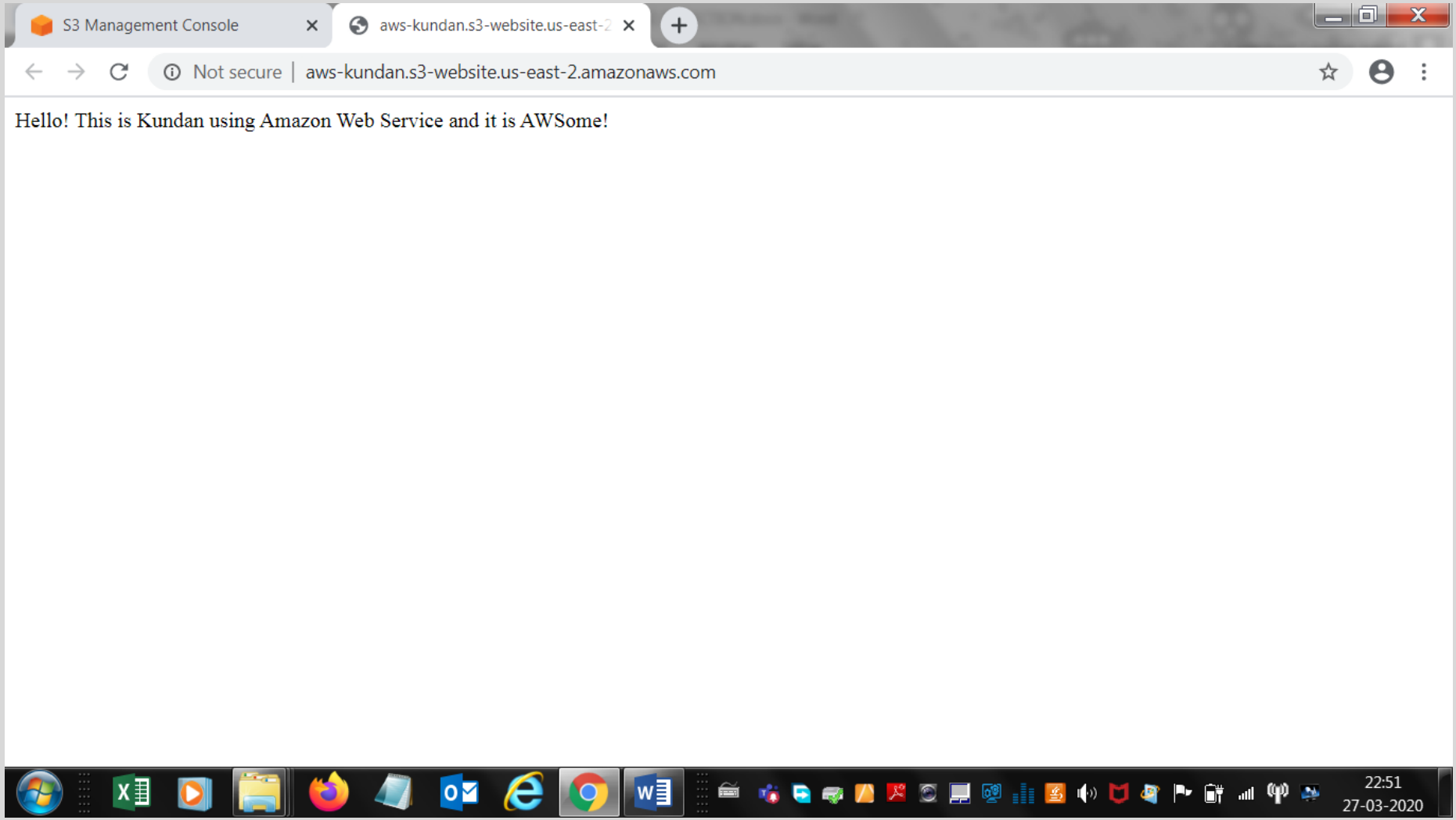
c) Enabling Static Website



d) Making the Object Public

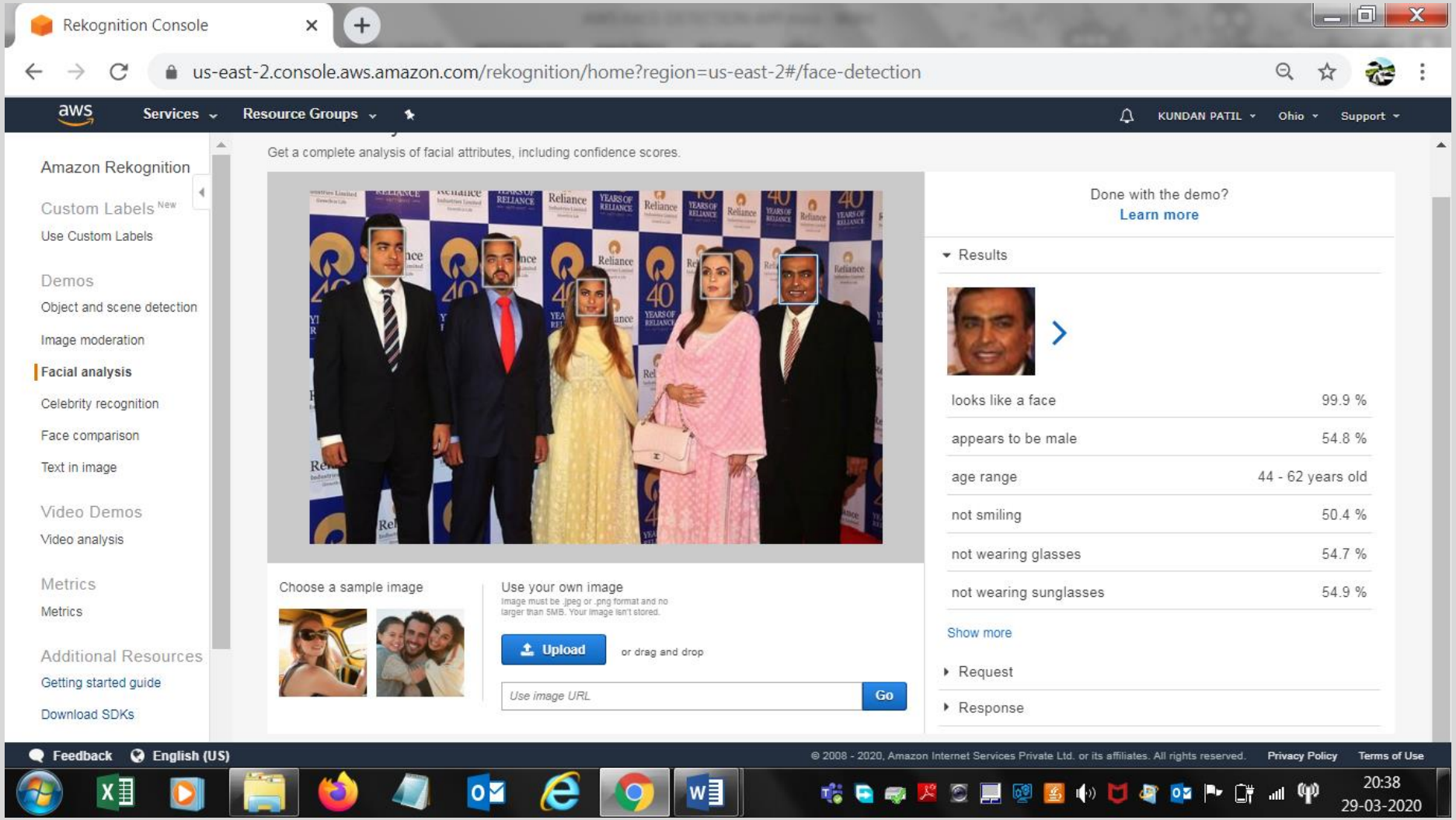


e) Checking the S3 link on the browser

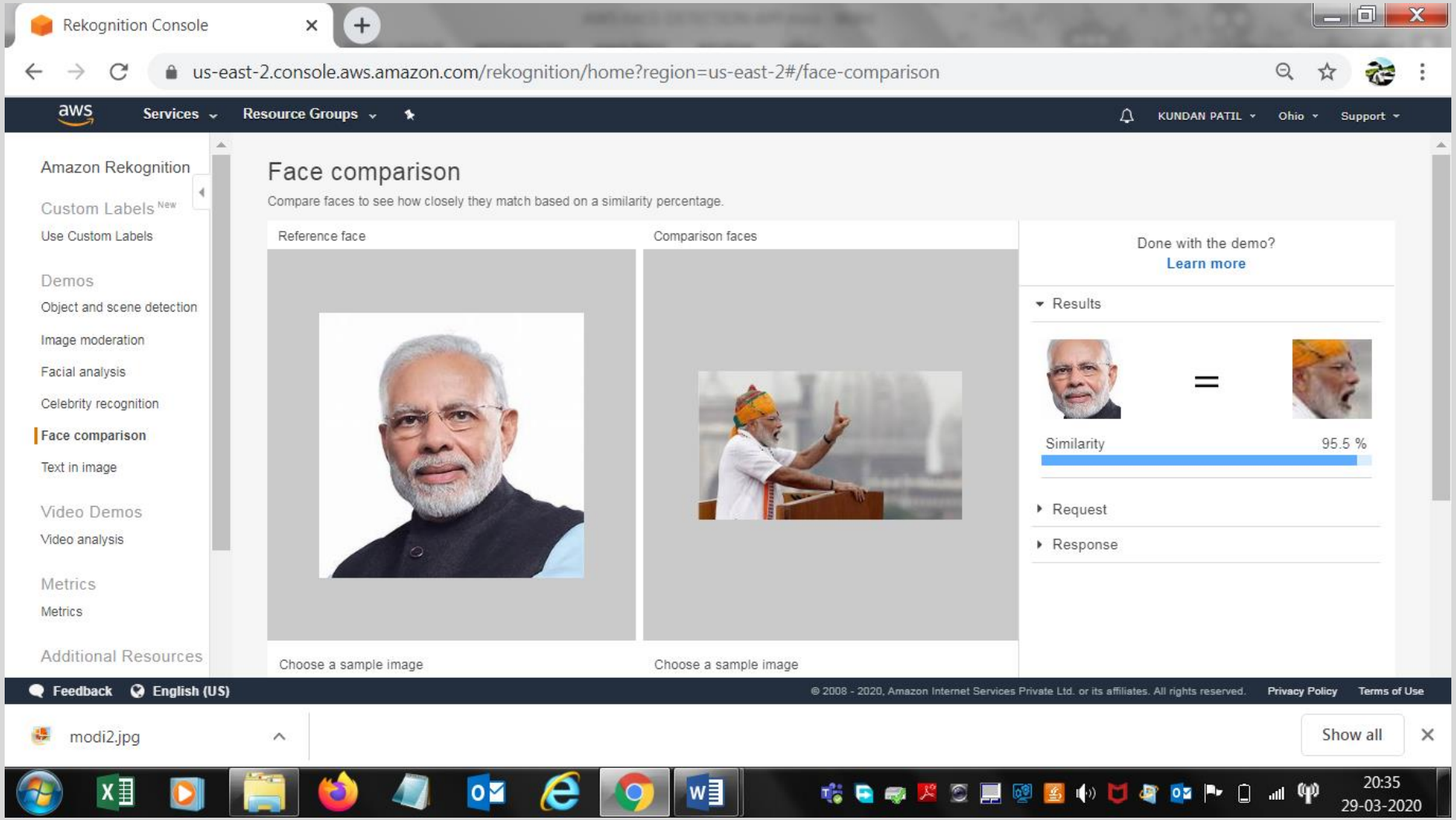


4. REKOGNITION

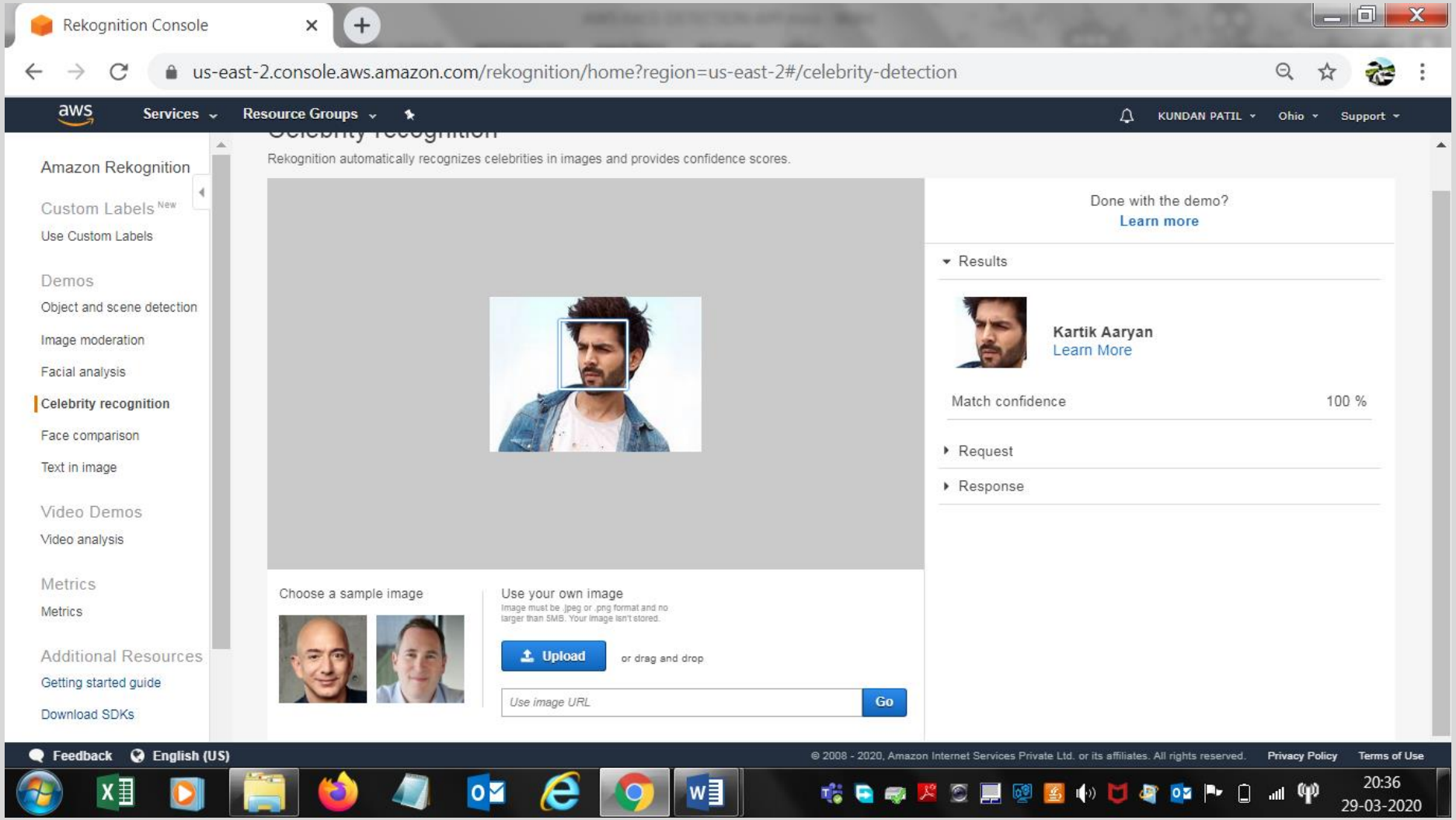
a) Face Detect (Analysis)



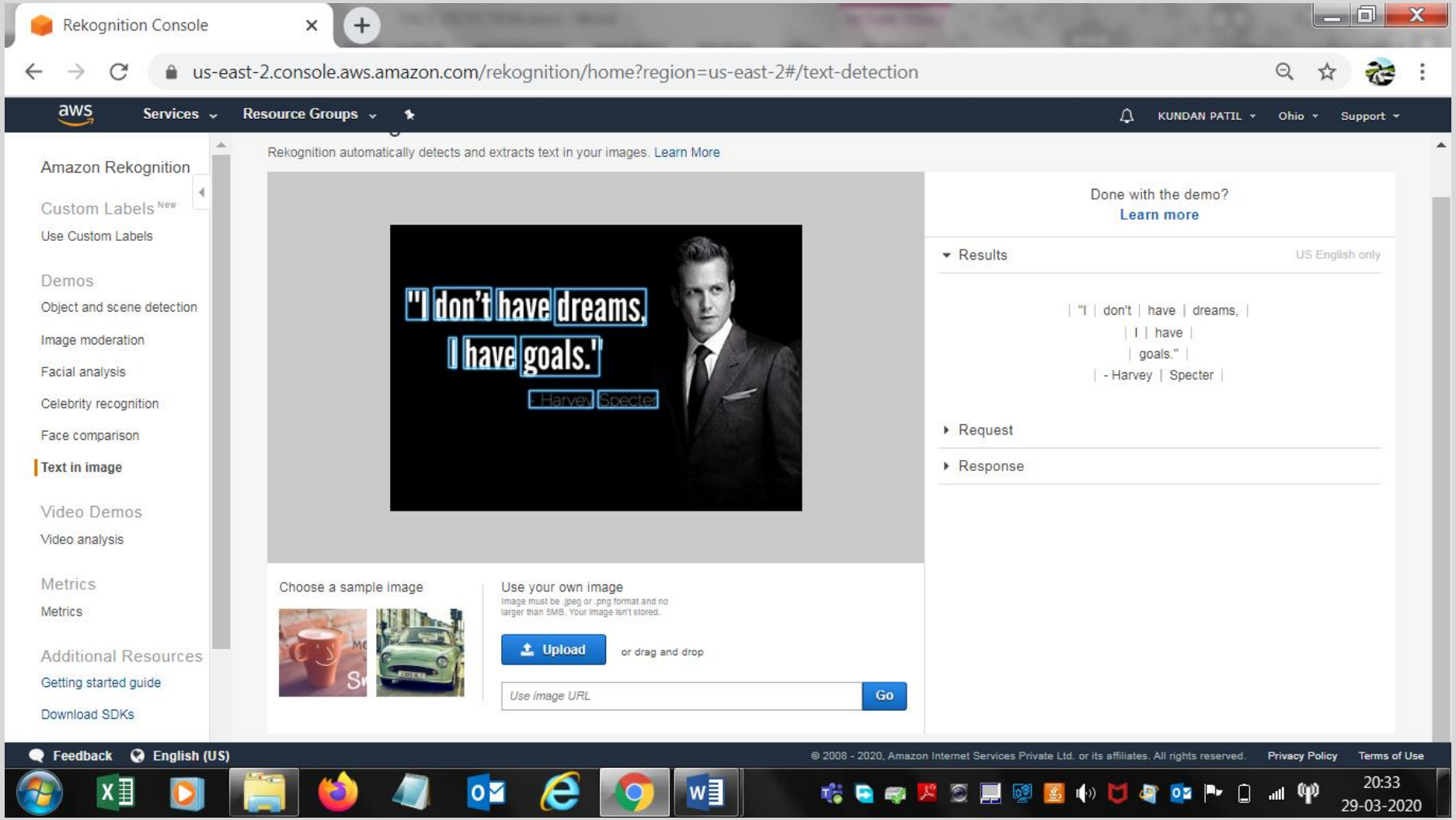
b) Face Compare



c) Celebrity Recognition

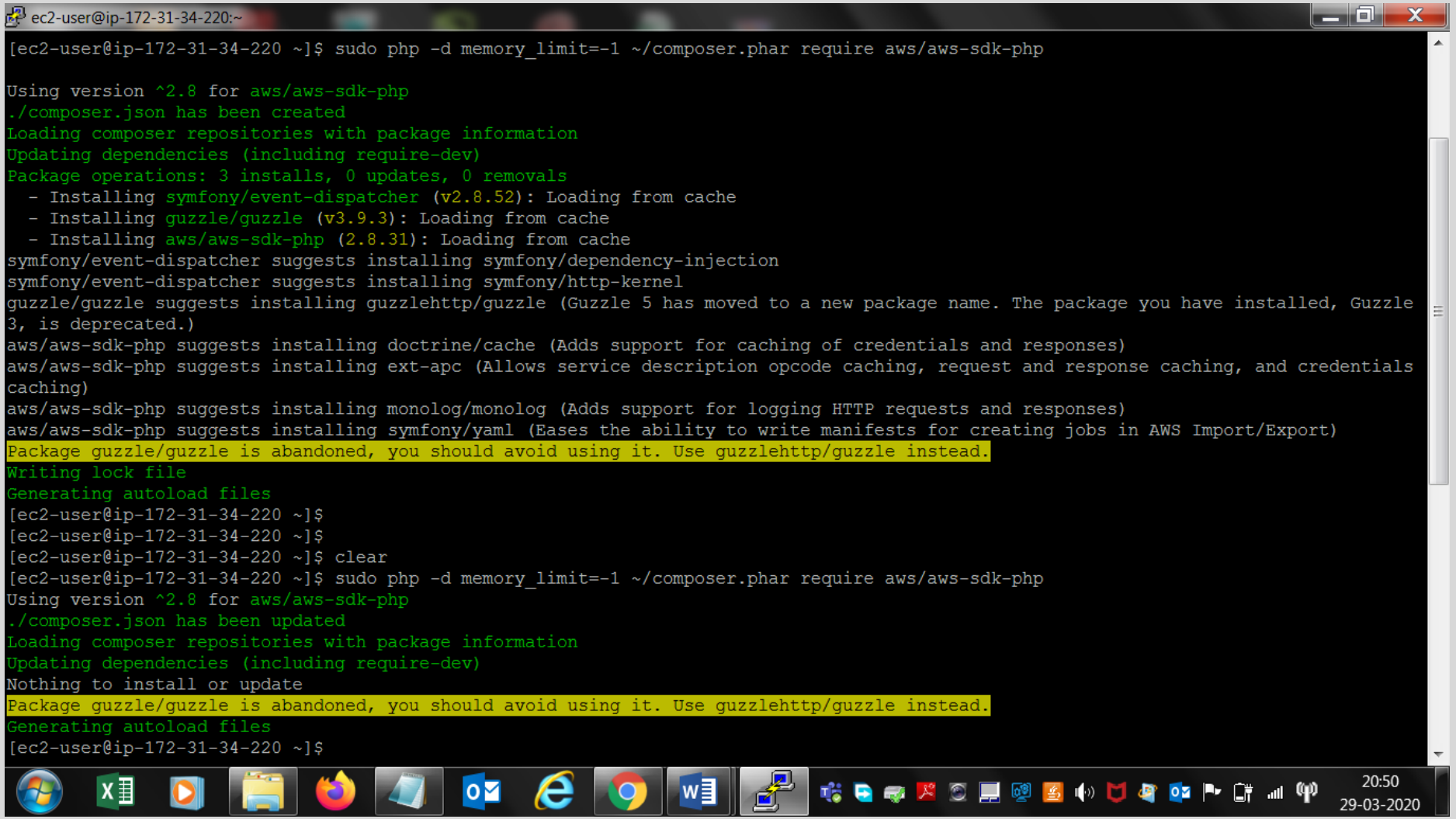


d) Text in Image

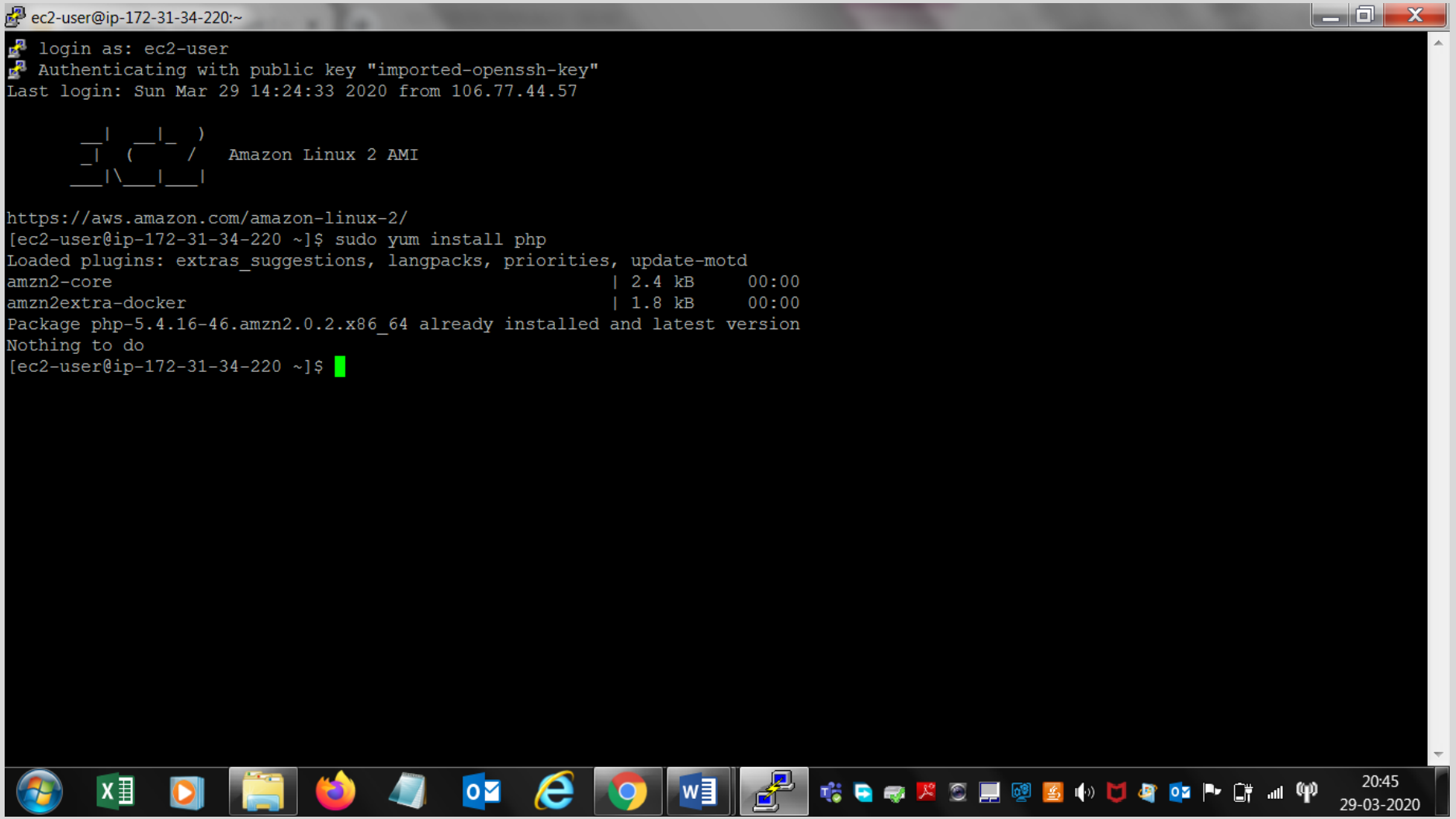


5. EC2 and S3

a) Installing aws-sdk



b) Installing php



c) index.php file code

index.php - Notepad

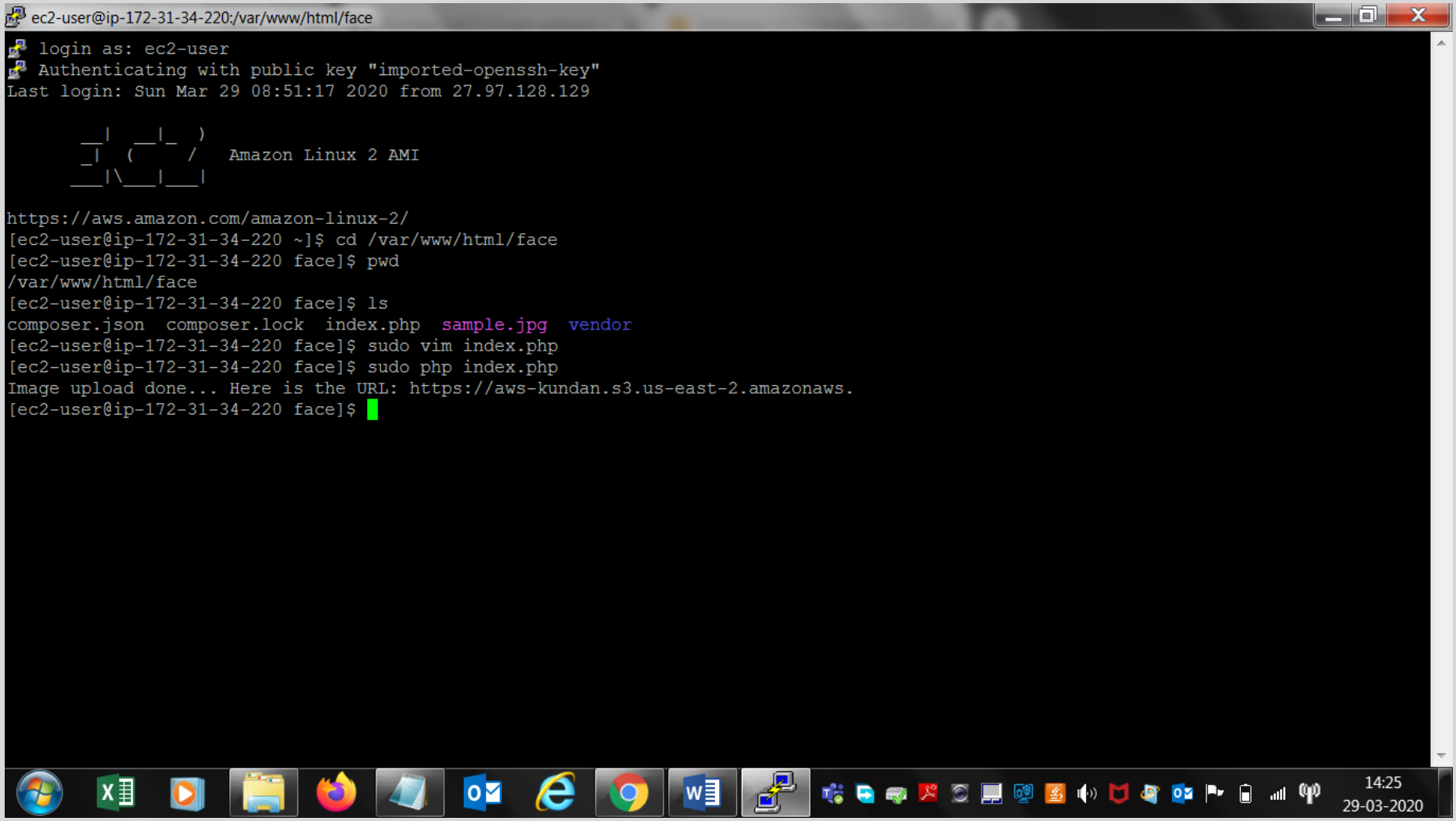
File Edit Format View Help

```
<?php

/*
Install php - sudo yum install php
curl -sS https://getcomposer.org/installer | php
cd /var/www/html
sudo mkdir face
cd face
sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php
In case if you get memory error -
        sudo /bin/dd if=/dev/zero of=/var/swap.1 bs=1M count=1024
        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
*/error_reporting(0);require_once(__DIR__ . '/vendor/autoload.php');
use Aws\S3\S3Client;
use Aws\Rekognition\RekognitionClient;
$bucket = 'aws-kundan';$keyname = 'sample.jpg';
$s3 = S3Client::factory([
        'profile'       => 'default',
        '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'
        ]);
    // Print the URL to the object.
        $imageUrl = $result['ObjectURL'];
        if($imageUrl) {
                echo "Image upload done... Here is the URL: " . $imageUrl;
        }} catch (Exception $e) {       echo $e->getMessage() . PHP_EOL;}
```

d) upload success screenshot



6. EC2 and REKOGNITION

a) Face Detect success screenshot