

AWS PROJECT

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GitHub link: <https://github.com/praneeth741/aws-webinar-ethnus.git>

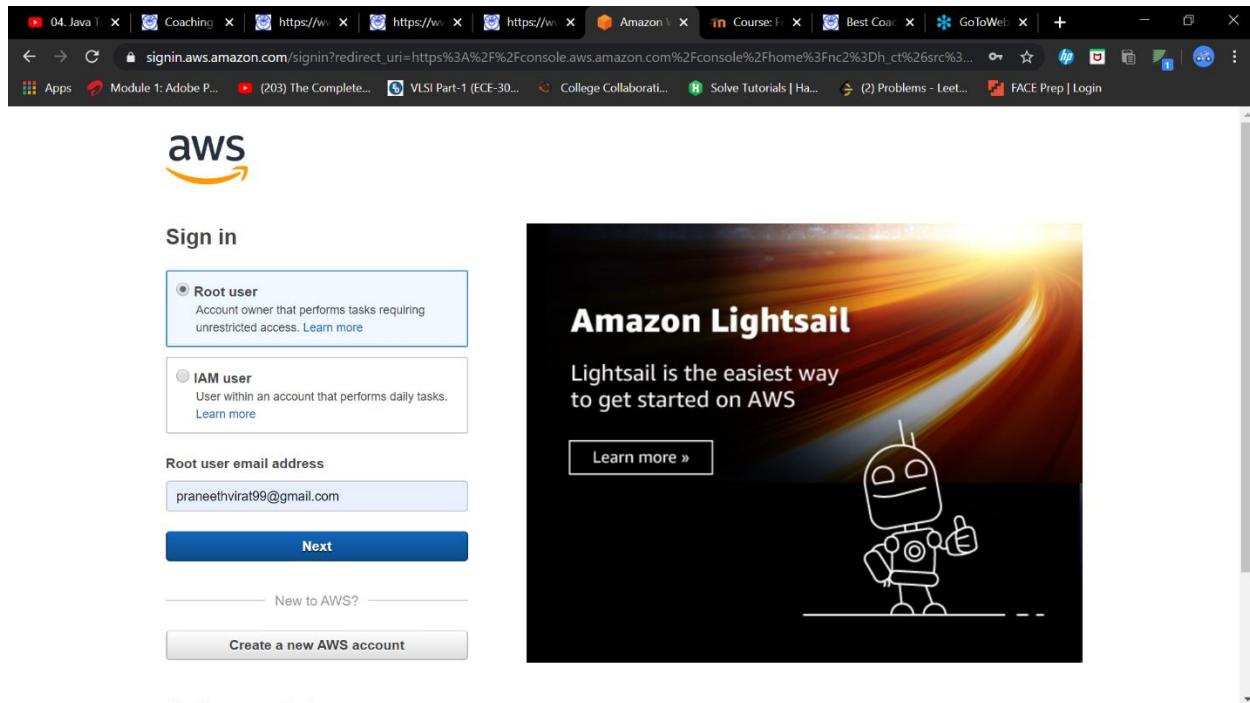
Branch: ECE

College: VIT University

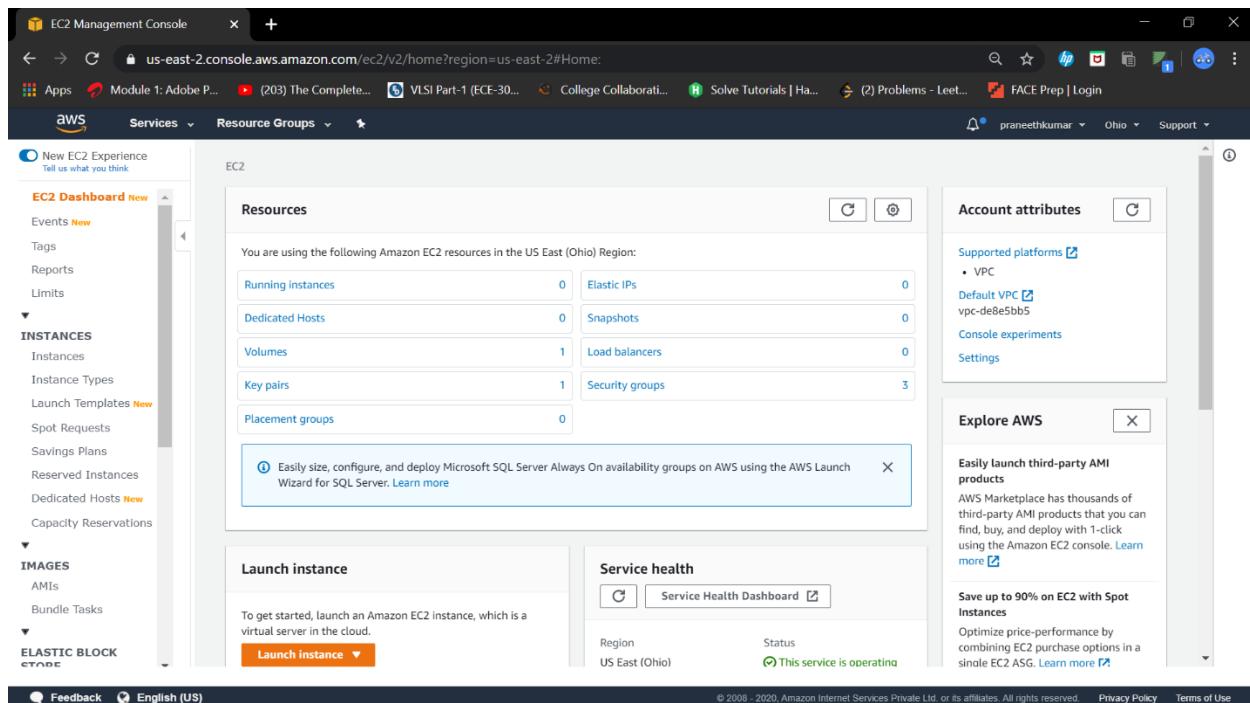
Submitted to

ETHNUS CODEMITHRA

Dashboards



The screenshot shows a browser window with multiple tabs open. The active tab is the AWS Sign-in page, which asks for a root user email address (praneethvirat99@gmail.com) and provides options to 'Next' or 'Create a new AWS account'. To the right of the sign-in form is the Amazon Lightsail landing page, featuring a cartoon robot and the text 'Amazon Lightsail' and 'Lightsail is the easiest way to get started on AWS'. Below these pages is the EC2 Management Console dashboard.



The screenshot shows the EC2 Management Console dashboard for the US East (Ohio) Region. The left sidebar includes sections for Events, Tags, Reports, Limits, Instances (with sub-options like Instance Types, Launch Templates, and Capacity Reservations), AMIs, and Elastic Block Store. The main content area displays EC2 resources: 0 Running Instances, 0 Dedicated Hosts, 1 Volumes, 1 Key pairs, and 0 Placement groups. It also shows 0 Elastic IPs, 0 Snapshots, 0 Load balancers, and 3 Security groups. A 'Launch instance' button is available. On the right, there's an 'Account attributes' panel showing supported platforms (VPC), a default VPC (vpc-de8e5bb5), and console experiments. An 'Explore AWS' panel promotes third-party AMI products and spot instances. The bottom of the screen includes standard navigation links for Feedback, English (US), and legal notices.

S3 Management Console

s3.console.aws.amazon.com/s3/home?region=us-east-2#

aws Services Resource Groups

Amazon S3

Buckets (1)

Name	Region	Access	Bucket created
quarantinee	US East (Ohio) us-east-2	Objects can be public	2020-03-28T10:45:13.000Z

Copy ARN Empty Delete Create bucket

Find bucket by name

Feedback English (US)

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Rekognition Console

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

aws Services Resource Groups

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

Additional Resources Getting started guide Download SDKs Documentation

Try Demo Download SDKs

Amazon Rekognition

Deep learning-based visual analysis service
Search, verify, and organize millions of images and videos

Easily Integrate Powerful Visual Analysis into Your App

You don't need computer vision or deep learning expertise to take advantage of Rekognition's high quality image and video analysis for your web, mobile, enterprise or device applications. Amazon Rekognition removes the complexity of building visual recognition capabilities by making powerful and accurate analysis available with easy to use APIs.

Continuously Learning

Amazon Rekognition is designed to use deep learning technology to analyze billions of images and videos daily. It is continuously learning as we add support for new capabilities and learn from more and more data.

Integrated with AWS Services

Amazon Rekognition is designed to work seamlessly with other AWS services. Rekognition integrates directly with Amazon S3 and AWS Lambda so you can build scalable, affordable, and reliable visual analysis applications. You can start analyzing images and videos stored in Amazon S3 without moving any data. You can also run real-time video analysis on streams coming from Amazon Kinesis Video Streams.

Feedback English (US)

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EC2

The screenshot shows the AWS Launch Instance Wizard Step 1: Choose an Amazon Machine Image (AMI) page. The user is searching for "Windows". Several AMI options are listed:

- Amazon Linux 2 AMI (HVM), SSD Volume Type** - ami-0e01ce4ee18447327 (64-bit x86) / ami-03201f374ab66a26e (64-bit Arm)
Select button (radio button selected for 64-bit (x86))
- Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type** - ami-01b01bbd08f24c7a8
Select button (radio button selected for 64-bit (x86))
- Red Hat Enterprise Linux 8 (HVM), SSD Volume Type** - ami-0520e698dd500b1d1 (64-bit x86) / ami-0099847d600887c9f (64-bit Arm)
Select button (radio button selected for 64-bit (x86))
- SUSE Linux Enterprise Server 15 SP1 (HVM), SSD Volume Type** - ami-04c5bab51cc146925 (64-bit x86) / ami-02e73902018018171 (64-bit Arm)
Select button (radio button selected for 64-bit (x86))

Feedback: English (US) Privacy Policy Terms of Use

The screenshot shows the AWS Launch Instance Wizard Step 2: Choose an Instance Type page. The user has selected the t2.micro instance type. The table lists various t2 instance types:

Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
General purpose	t2.micro (Free tier eligible)	1	1	EBS only	-	Low to Moderate	Yes
General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes
General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes
General purpose	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
General purpose	t3a.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

Feedback: English (US) Privacy Policy Terms of Use

[Launch instance wizard | EC](#) [quarantinee.s3-website.us](#) [AWS Global Cloud Infrastr](#) [WhatsApp](#) [Classless inter-domain rout](#)

← → C us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard

Apps Module 1: Adobe P... (203) The Complete... VLSI Part-1 (ECE-30... College Collaborati... Solve Tutorials | Ha... (2) Problems - Leet...

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 GB 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

Feedback English (US)

[Launch instance wizard | EC](#) [quarantinee.s3-website.us](#) [AWS Global Cloud Infrastr](#) [WhatsApp](#) [Classless inter-domain rout](#)

← → C us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#LaunchInstanceWizard

Apps Module 1: Adobe P... (203) The Complete... VLSI Part-1 (ECE-30... College Collaborati... Solve Tutorials | Ha... (2) Problems - Leet...

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:

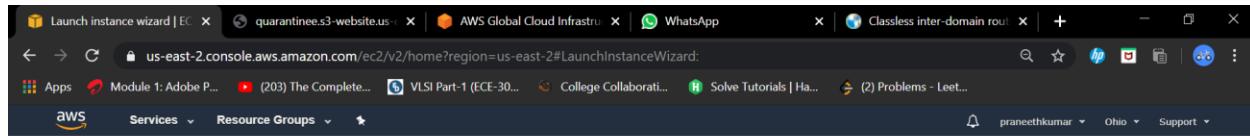
Type	Protocol	Port Range	Source	Description
SSH	TCP	22	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop

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**

Feedback English (US)



Launch Status

Your instances are now launching
The following instance launches have been initiated: i-086688e7c3fdc2e1d [View launch log](#)

Get notified of estimated charges
Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

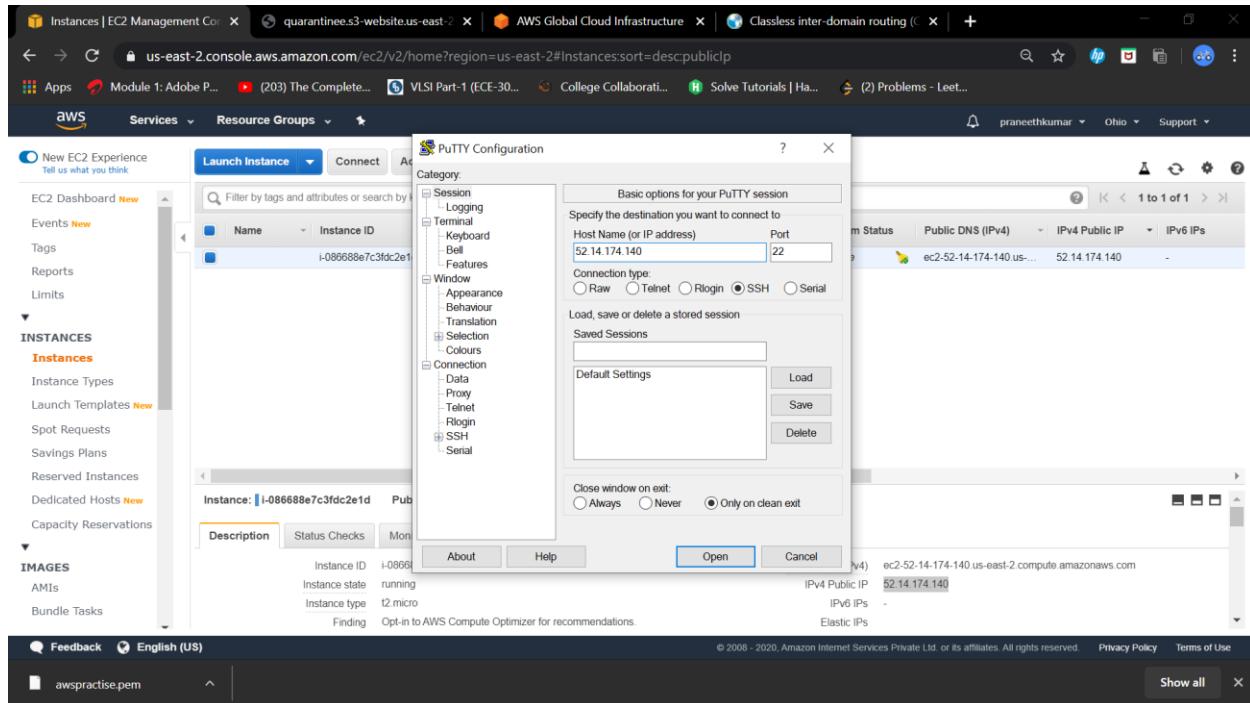
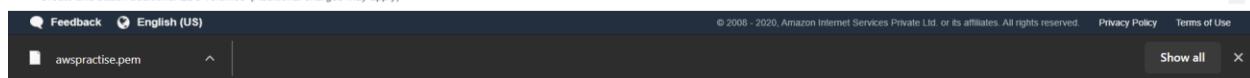
Click [View Instances](#) to monitor your instances' status. Once your instances are in the **running** state, you can [connect](#) to them from the Instances screen. [Find out](#) how to connect to your instances.

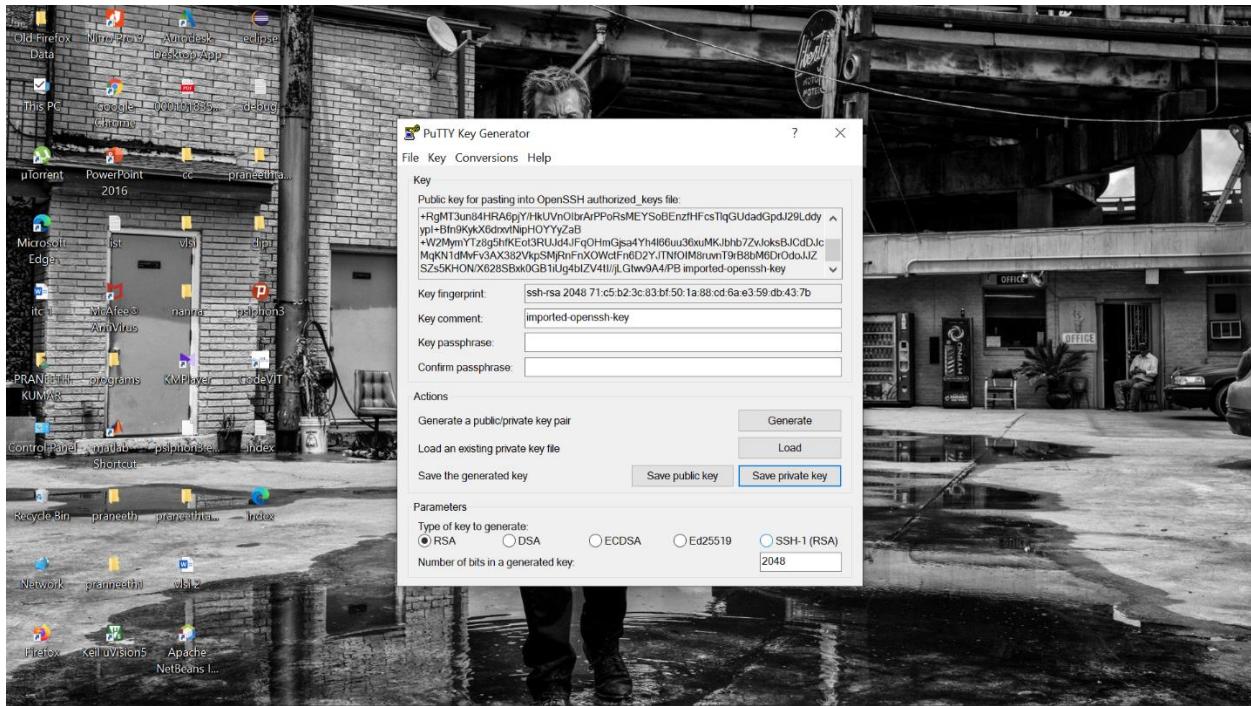
Here are some helpful resources to get you started

- How to connect to your Linux instance
- Learn about AWS Free Usage Tier
- Amazon EC2: User Guide
- Amazon EC2: Discussion Forum

While your instances are launching you can also

- Create status check alarms to be notified when these instances fail status checks. (Additional charges may apply)
- Create and attach additional EBS volumes (Additional charges may apply)





A screenshot of a web browser window with multiple tabs open. The tabs include 'Instances | EC2 Management Console', 'quarantinee.s3-website.us-east...', 'AWS Global Cloud Infrastructure', 'Classless inter-domain routing', and 'publicclip'. The main content area shows the AWS CloudWatch Metrics interface with a chart titled 'publicclip'. Below it, an 'EC2 Instances' table lists one instance: 'i-086688e7c3fdc2e1d' with Public DNS 'ec2-52-14-174-140.us-east-2.compute.amazonaws.com'. The table includes columns for State, Status Checks, Alarm Status, Public DNS (IPv4), IPv4 Public IP, and IPv6 IPs. The instance status is 'running'. The 'Public DNS (IPv4)' and 'IPv4 Public IP' fields both show '52.14.174.140'. The 'Elastic IPs' field is empty. At the bottom of the page, there are links for Feedback, English (US), and a footer with copyright information and links to Privacy Policy and Terms of Use.

S3

The screenshot shows the AWS S3 Management Console. On the left, a sidebar titled "Amazon S3" has a "Buckets" section with links for "Batch operations" and "Access analyzer for S3". Below that is a "Block public access (account settings)" section. A "Feature spotlight" link is also present. The main content area is titled "Amazon S3" and shows a table titled "Buckets (1)". The table has columns for "Name", "Region", "Access", and "Bucket created". One row is highlighted for the bucket "quarantinee", which is located in "US East (Ohio) us-east-2" and has "Objects can be public" access. The "Bucket created" timestamp is "2020-03-28T10:45:13.000Z". At the top of the main area are buttons for "Copy ARN", "Empty", "Delete", and "Create bucket". A search bar at the top says "Find bucket by name". The footer contains links for "Feedback", "English (US)", and copyright information: "© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use".

The screenshot shows the AWS S3 Management Console with the "Properties" tab selected for the "index.html" object in the "quarantinee" bucket. The left sidebar shows tabs for "Overview", "Properties", "Permissions", "Management", and "Access points". The main content area displays the "index.html" file with a preview showing the text "index.html". Below the preview are buttons for "Upload", "+ Create folder", "Download", and "Actions". A search bar allows searching for file prefixes. The file list shows "index.html" with a checkmark next to it, last modified on "Mar 28, 2020 4:20 GMT+0530". The "Properties" panel on the right provides detailed information about the file, including:

Overview	Key	index.html
Size	20.0 B	
Expiration date	N/A	
Expiration rule	N/A	
ETag	d6e0acf1153aee1502ced37bd1116252	
Last modified	Mar 28, 2020 4:20:31 PM GMT+0530	
Object URL	https://quarantinee.s3.us-east-2.amazonaws.com/index.html	

The "Properties" panel also includes sections for "Storage class" (Standard) and "Encryption" (None). The footer contains links for "Feedback", "English (US)", and copyright information: "© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. Privacy Policy Terms of Use".

S3 Management Console quarantinee.s3-website.us-east-2 Classless inter-domain routing 52.14.174.140

Static website hosting

Endpoint : <http://quarantinee.s3-website.us-east-2.amazonaws.com>

Use this bucket to host a website [Learn more](#)

Index document [i](#)
index.html

Error document [i](#)
error.html

Redirection rules (optional) [i](#)

Redirect requests [Learn more](#)

Disable website hosting

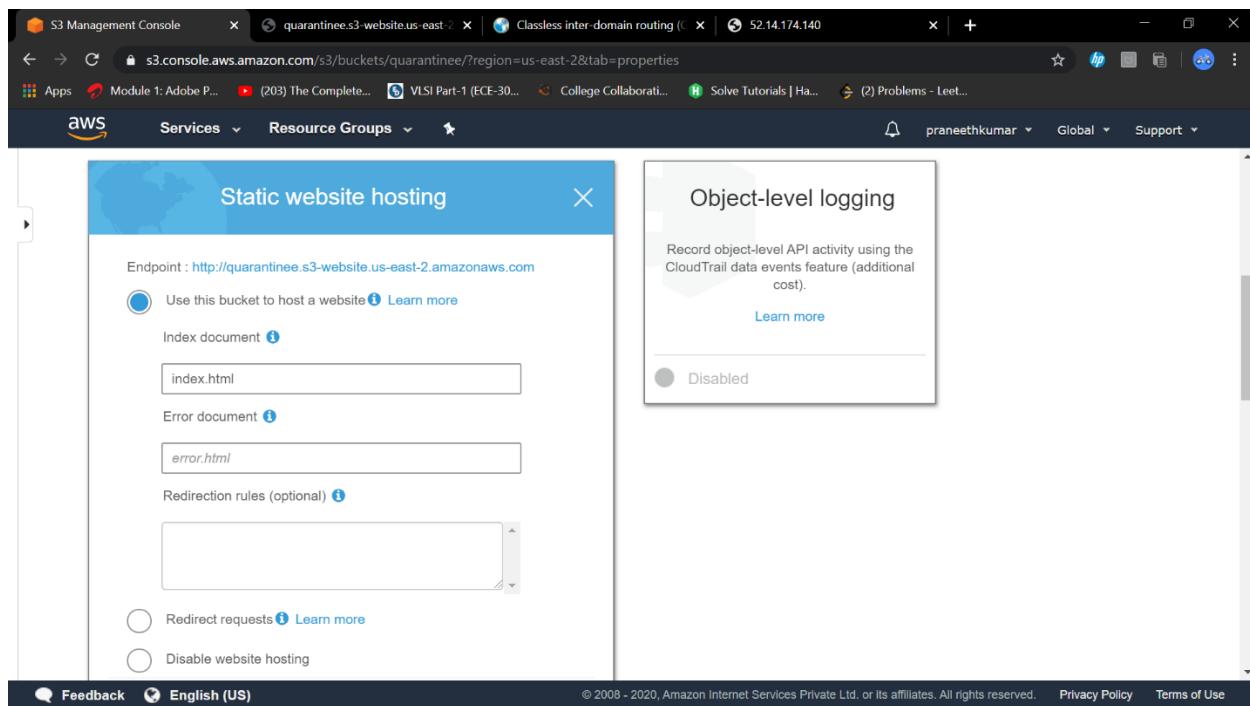
Object-level logging

Record object-level API activity using the CloudTrail data events feature (additional cost). [Learn more](#)

Disabled

Feedback English (US)

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S3 Management Console quarantinee.s3-website.us-east-2 Classless inter-domain routing 52.14.174.140

Services Resource Groups

Block public access Access Control List Bucket Policy CORS configuration

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

Block all public access
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

Block public access to buckets and objects granted through new access control lists (ACLs)
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

Block public access to buckets and objects granted through any access control lists (ACLs)
S3 will ignore all ACLs that grant public access to buckets and objects.

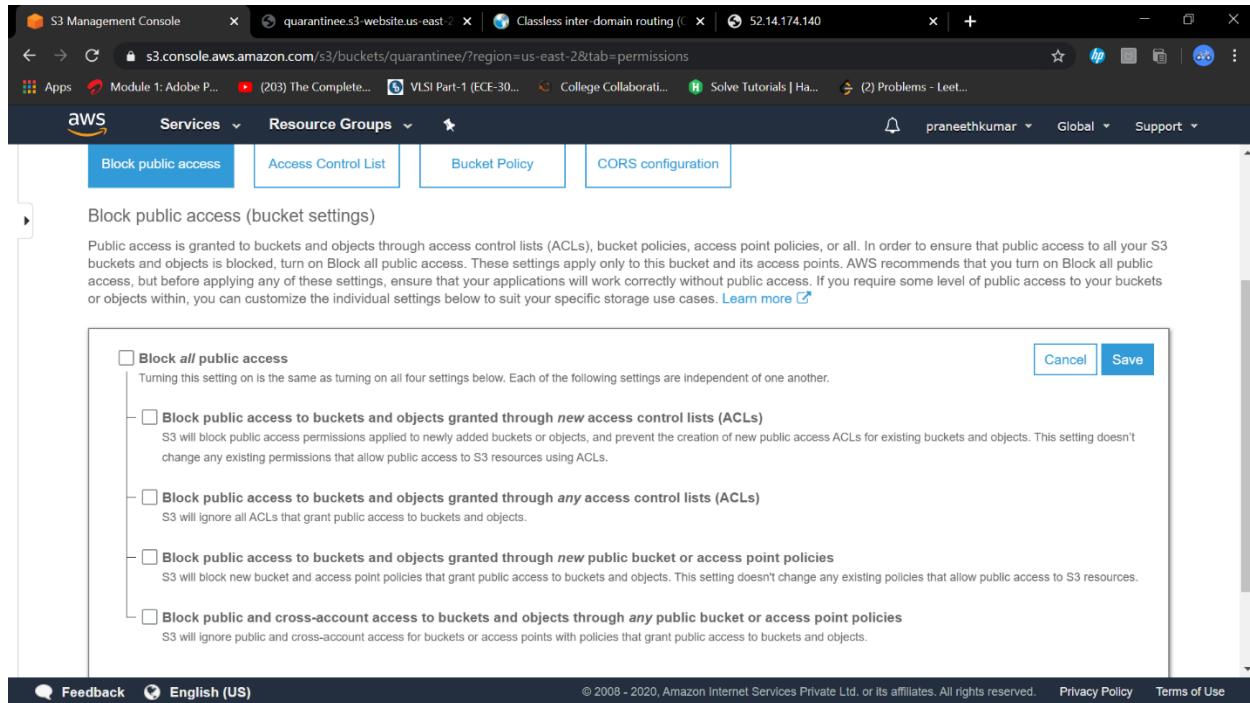
Block public access to buckets and objects granted through new public bucket or access point policies
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

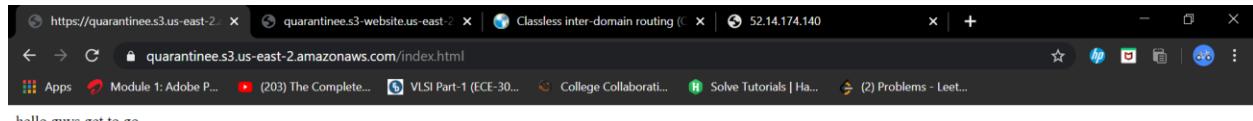
Block public and cross-account access to buckets and objects through any public bucket or access point policies
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

Cancel Save

Feedback English (US)

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Rekognition

Facial analysis

Get a complete analysis of facial attributes, including confidence scores.

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

Attribute	Score
looks like a face	99.9 %
appears to be female	99.9 %
age range	17 - 29 years old
smiling	91.7 %
appears to be happy	99.5 %
wearing glasses	99.8 %

Results

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.

Upload or drag and drop

Feedback English (US)

Rekognition Console sample.jpg (1600x900) Telegram Web

Module 1: Adobe P... (203) The Complete... VLSI Part-1 (ECE-30... College Collaborati... Solve Tutorials | Ha... (2) Problems - Leet...

AWS Services Resource Groups

Face comparison

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

Reference face Comparison faces

Done with the demo? Learn more

Results

Image 1	Image 2	Similarity
		99.8 %

Choose a sample image Choose a sample image

Choose a sample image

Developer resources

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

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Rekognition Console sample.jpg (1600x900) Telegram Web

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AWS Services Resource Groups

Celebrity recognition

Rekognition automatically recognizes celebrities in images and provides confidence scores.

Done with the demo? Learn more

Results

Result	Match confidence
Jeff Bezos	100 %

Request Response

Choose a sample image

Use your own image

Image must be jpg or png format and no larger than 5mb. Your image isn't stored.

Upload or drag and drop

Developer resources

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

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Rekognition Console sample.jpg (1600x900) Telegram Web

Module 1: Adobe P... (203) The Complete... VLSI Part-1 (ECE-30... College Collaborati... Solve Tutorials | Ha... (2) Problems - Leet...

aws Services Resource Groups

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
- Additional Resources
- Getting started guide
- Download SDKs
- Developer resources

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

Text in image

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

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

Results US English only

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

Request

Response

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EC2 & S3

```
ec2-user@ip-172-31-23-156:~$ sudo yum install httpd
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package httpd-2.4.41-1.amzn2.0.1.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-23-156 ~]$ sudo yum install php
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package php-5.4.16-46.amzn2.0.2.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-23-156 ~]$ 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-172-31-23-156 ~]$ cd /var/www/html
[ec2-user@ip-172-31-23-156 html]$ cd face
[ec2-user@ip-172-31-23-156 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-23-156 face]$ sudo php -d memory_limit=-1 ~/composer.phar require 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/guzzle instead.
Generating autoload files
[ec2-user@ip-172-31-23-156 face]$ 
[ec2-user@ip-172-31-23-156 face]$ sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
--2020-03-29 10:11:58-- https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
Resolving i.pinimg.com (i.pinimg.com)... 151.101.200.84, 2a04:4e42:2f::84
Connecting to i.pinimg.com (i.pinimg.com)|151.101.200.84|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 215551 (210K) [Image/jpeg]
Saving to: 'b97ea33b5842c7894b804923c6c05580.jpg'

100%[=====] 215,551 --.-K/s in 0.03s

2020-03-29 10:11:58 (6.29 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg' saved [215551/215551]

[ec2-user@ip-172-31-23-156 face]$ ls
b97ea33b5842c7894b804923c6c05580.jpg composer.json composer.lock cricket.jpg index.php sample.jpg vendor
[ec2-user@ip-172-31-23-156 face]$ sudo mv b97ea33b5842c7894b804923c6c05580.jpg sample.jpg
[ec2-user@ip-172-31-23-156 face]$ sudo vim index.php
[ec2-user@ip-172-31-23-156 face]$ sudo php index.php
Image upload done... Here is the URL: https://qurantinee.s3.us-east-2.amazonaws.com/sample.jpg[ec2-user@ip-172-31-23-156 face]$ 
```

```
ec2-user@ip-172-31-23-156:/var/www/html/face
[ec2-user@ip-172-31-23-156 ~]$ sudo yum install httpd
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package httpd-2.4.41-1.amzn2.0.1.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-23-156 ~]$ sudo yum install php
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package php-5.4.16-46.amzn2.0.2.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-23-156 ~]$ 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-172-31-23-156 ~]$ cd /var/www/html
[ec2-user@ip-172-31-23-156 html]$ cd face
[ec2-user@ip-172-31-23-156 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-23-156 face]$ sudo php -d memory_limit=-1 ~/composer.phar require 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/guzzle instead.
Generating autoload files
[ec2-user@ip-172-31-23-156 face]$ 
[ec2-user@ip-172-31-23-156 face]$ sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
--2020-03-29 10:11:58-- https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
Resolving i.pinimg.com (i.pinimg.com)... 151.101.200.84, 2a04:4e42:2f::84
Connecting to i.pinimg.com (i.pinimg.com)|151.101.200.84|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 215551 (210K) [image/jpeg]
Saving to: 'b97ea33b5842c7894b804923c6c05580.jpg'

100%[=====] 215,551 --.-K/s in 0.03s
2020-03-29 10:11:58 (6.29 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg' saved [215551/215551]

[ec2-user@ip-172-31-23-156 face]$ ls
b97ea33b5842c7894b804923c6c05580.jpg composer.json composer.lock cricket.jpg index.php sample.jpg vendor
[ec2-user@ip-172-31-23-156 face]$ sudo mv b97ea33b5842c7894b804923c6c05580.jpg sample.jpg
[ec2-user@ip-172-31-23-156 face]$ sudo vim index.php
[ec2-user@ip-172-31-23-156 face]$ sudo php index.php
Image upload done... Here is the URL: https://quarantinee.s3.us-east-2.amazonaws.com/sample.jpg[ec2-user@ip-172-31-23-156 face]$ 
```

```
ec2-user@ip-172-31-23-156:/var/www/html/face
sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php
// see if you get memory error =
// echo /bin/ls -lT /dev/zram0 >/var/www/html/index.php
// mode /sbin/mkswap /var/www/index
// mode /sbin/swapon /var/www/index

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 = 'quarantinee';
$keyname = 'sample.jpg';

$ss3 = S3Client::factory([
    'profile'      => 'default',
    'region'       => 'us-east-2',
    'version'      => '2006-03-01',
    'signature'    => 'v4'
]);
try {
    // Upload data.
    $result = $ss3->putObject([
        'Bucket'          => $bucket,
        'Key'             => $keyname,
        'SourceFile'     => __DIR__ . "/" . $keyname,
        'ACL'             => 'public-read'
    ]);
    // Print the URL to the screen.
    $imageUrl = $result['ObjectURL'];
    if($imageUrl) {
        echo "Image upload done... Here is the URL: " . $imageUrl;
    }
} catch (Exception $e) {
    echo $e->getMessage() . PHP_EOL;
}
"index.php" 55L, 1223C
```

```

ec2-user@ip-172-31-23-156:/var/www/html/face
[ec2-user@ip-172-31-23-156 ~]$ sudo yum install httpd
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package httpd-2.4.41-1.amzn2.0.1.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-23-156 ~]$ sudo yum install php
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package php-5.4.16-46.amzn2.0.2.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-23-156 ~]$ 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-172-31-23-156 ~]$ cd /var/www/html
[ec2-user@ip-172-31-23-156 html]$ cd face
[ec2-user@ip-172-31-23-156 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-23-156 face]$ sudo php -d memory_limit=-1 ~/composer.phar require 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/guzzle instead.
Generating autoload files
[ec2-user@ip-172-31-23-156 face]$ 
[ec2-user@ip-172-31-23-156 face]$ sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
--2020-03-29 10:11:58--  https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
Resolving i.pinimg.com (i.pinimg.com)... 151.101.200.84, 2a04:4e42:2f::84
Connecting to i.pinimg.com (i.pinimg.com)|151.101.200.84|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 215551 (210K) [image/jpeg]
Saving to: 'b97ea33b5842c7894b804923c6c05580.jpg'

100%[=====] 215,551 --.-K/s in 0.03s

2020-03-29 10:11:58 (6.29 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg' saved [215551/215551]

[ec2-user@ip-172-31-23-156 face]$ ls
b97ea33b5842c7894b804923c6c05580.jpg  composer.json  composer.lock  cricket.jpg  index.php  sample.jpg  vendor
[ec2-user@ip-172-31-23-156 face]$ sudo mv b97ea33b5842c7894b804923c6c05580.jpg sample.jpg
[ec2-user@ip-172-31-23-156 face]$ sudo vim index.php
[ec2-user@ip-172-31-23-156 face]$ sudo php index.php
Image upload done... Here is the URL: https://quarantinee.s3.us-east-2.amazonaws.com/sample.jpg[ec2-user@ip-172-31-23-156 face]$ 

```

