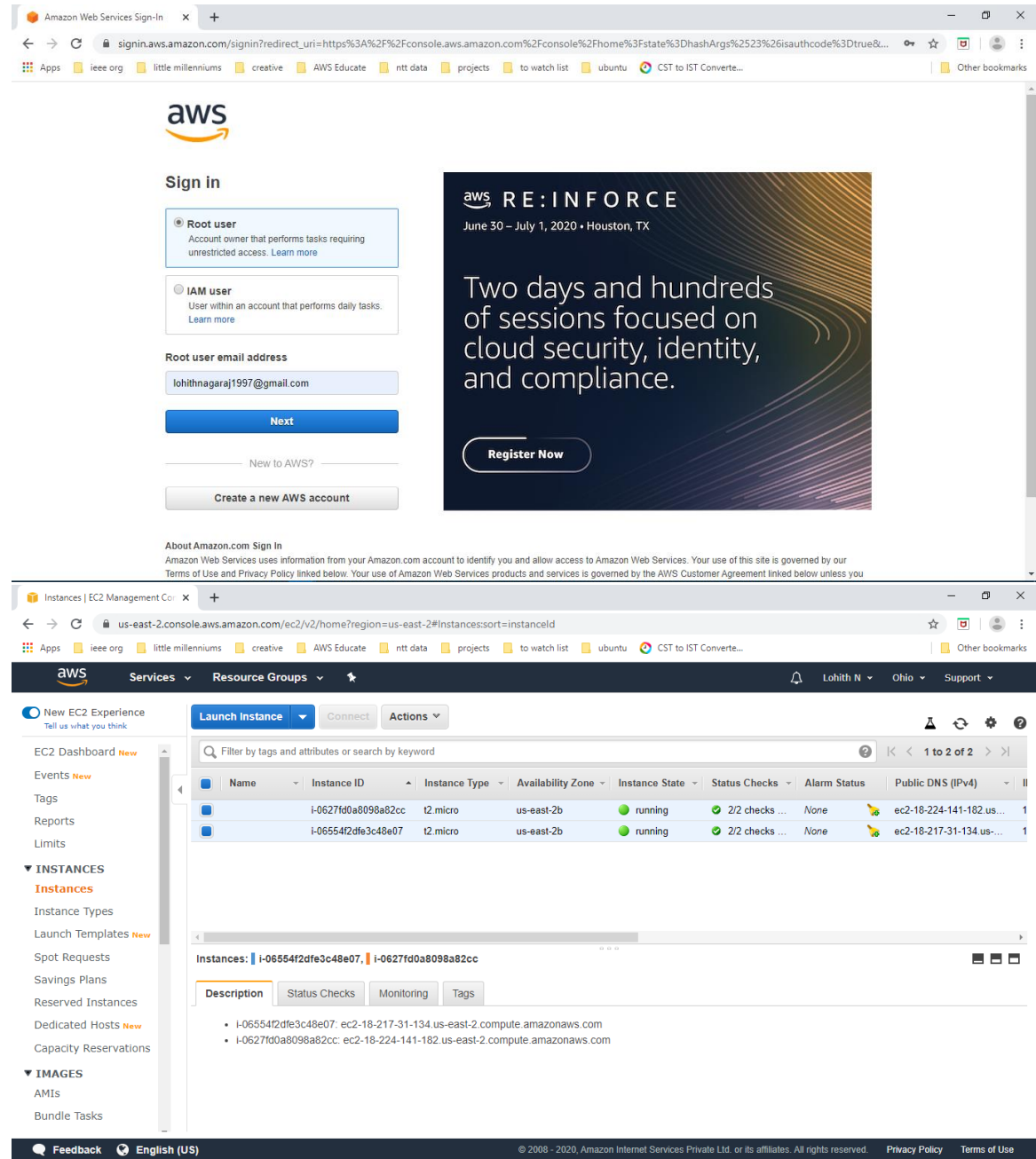


# Login :-



The image shows two screenshots of the AWS web interface. The top screenshot is the AWS login page, and the bottom screenshot is the AWS Management Console showing the EC2 Instances page.

**AWS Login Page:**

- Header: Amazon Web Services Sign-In
- URL: `signin.aws.amazon.com/signin?redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fconsole%2Fhome%3Fstate%3DhashArgs%2523%26isauthcode%3Dtrue&...`
- Sign in options:
  - Root user**: Account owner that performs tasks requiring unrestricted access. [Learn more](#)
  - IAM user**: User within an account that performs daily tasks. [Learn more](#)
- Root user email address: `lohithnagaraj1997@gmail.com`
- Buttons: **Next**, [New to AWS?](#), [Create a new AWS account](#)
- RE:INFORCE banner: Two days and hundreds of sessions focused on cloud security, identity, and compliance. [Register Now](#)
- Footer: About Amazon.com Sign In, Amazon Web Services uses information from your Amazon.com account to identify you and allow access to Amazon Web Services. Your use of this site is governed by our Terms of Use and Privacy Policy linked below. Your use of Amazon Web Services products and services is governed by the AWS Customer Agreement linked below unless you

**AWS Management Console (EC2 Instances):**

- Header: Instances | EC2 Management Console
- URL: `us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:sort=instancetype`
- Navigation: [Launch Instance](#), [Connect](#), [Actions](#)
- Filter by tags and attributes or search by keyword
- Table of Instances:

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
	i-0627fd0a8098a82cc	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-18-224-141-182 us...
	i-06554f2dfe3c48e07	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-18-217-31-134 us...

- Instances: `i-06554f2dfe3c48e07`, `i-0627fd0a8098a82cc`
- Tabs: [Description](#), [Status Checks](#), [Monitoring](#), [Tags](#)
- Description content:
  - `i-06554f2dfe3c48e07: ec2-18-217-31-134 us-east-2.compute.amazonaws.com`
  - `i-0627fd0a8098a82cc: ec2-18-224-141-182 us-east-2.compute.amazonaws.com`
- Footer: [Feedback](#), [English \(US\)](#), © 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. [Privacy Policy](#), [Terms of Use](#)

Instances | EC2 Management Console | S3 Management Console | Rekognition Console

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

Apps | iee.org | little millenniums | creative | AWS Educate | ntt data | projects | to watch list | ubuntu | CST to IST Converte... | Other bookmarks

aws Services Resource Groups

Amazon S3

Buckets

Batch operations

Access analyzer for S3

Block public access (account settings)

Feature spotlight 2

Amazon S3

Buckets (1)

Copy ARN Empty Delete Create bucket

Find bucket by name

	Name	Region	Access	Bucket created
<input type="radio"/>	maker-bot	US East (Ohio) us-east-2	Objects can be public	2020-03-28T10:58:53.000Z

Feedback English (US)

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Instances | EC2 Management Console | S3 Management Console | Rekognition Console

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

Apps | iee.org | little millenniums | creative | AWS Educate | ntt data | projects | to watch list | ubuntu | CST to IST Converte... | Other bookmarks

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


# Amazon Rekognition

Deep learning-based visual analysis service

Search, verify, and organize millions of images and videos


Try Demo

Download SDKs




**Easily Integrate Powerful Visual Analysis into Your App**

You don't need computer vision or deep learning expertise to take advantage of



**Continuously Learning**

Amazon Rekognition is designed to use deep learning technology to analyze billions of images and videos daily. It is



**Integrated with AWS Services**

Amazon Rekognition is designed to work seamlessly with other AWS services. Rekognition integrates directly with Amazon

Feedback English (US)

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# EC2 :-

Launch instance wizard | EC2 M... x +

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

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 1: Choose an Amazon Machine Image (AMI)

Cancel and Exit

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Search for an AMI by entering a search term e.g. "Windows"

Quick Start

My AMIs

AWS Marketplace

Community AMIs

Free tier only

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-0e01ce4ee18447327 (64-bit x86) / ami-03201f374ab66a26e (64-bit Arm)

Free tier eligible

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

64-bit (x86)

64-bit (Arm)

Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-01b01bbd08f24c7a8

Free tier eligible

The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

64-bit (x86)

Feedback English (US)

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Launch instance wizard | EC2 M... x +

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

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 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance types Current generation Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

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Launch instance wizard | EC2 Ma

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

ServicesResource Groups

1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. 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 Encrypte

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.

CancelPreviousReview and LaunchNext: Add Tags

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Launch instance wizard | EC2 Ma

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

ServicesResource Groups

1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. 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: launch-wizard-3  
Description: launch-wizard-3 created 2020-03-30T22:08:40.818+05:30

Type	Protocol	Port Range	Source	Description
SSH	TCP	22	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop
HTTP	TCP	80	Anywhere 0.0.0.0/0::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.

CancelPreviousReview and Launch

FeedbackEnglish (US)

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Launch instance wizard | EC2 Ma

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

ServicesResource Groups

1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. Review

### Step 7: Review Instance Launch

Please review your instance launch details. You can go back to any of the previous steps to make changes.

Improve your instances' security.

Your instances may be accessible from anywhere on the Internet. You can also open additional ports in your security groups.

AMI Details

Amazon Linux 2 AMI (HVM), SSD Amazon Linux 2 comes with five years of free tier eligible latest software packages through extras. Root Device Type: ebs Virtualization type: hvm

Instance Type

Instance Type ECUs VCPUs

Select an existing key pair or create a new key pair

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.

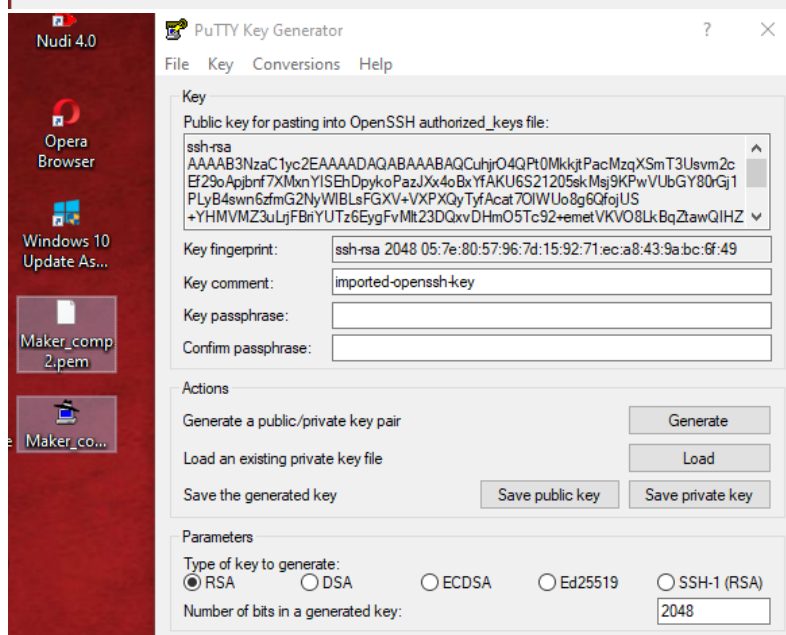
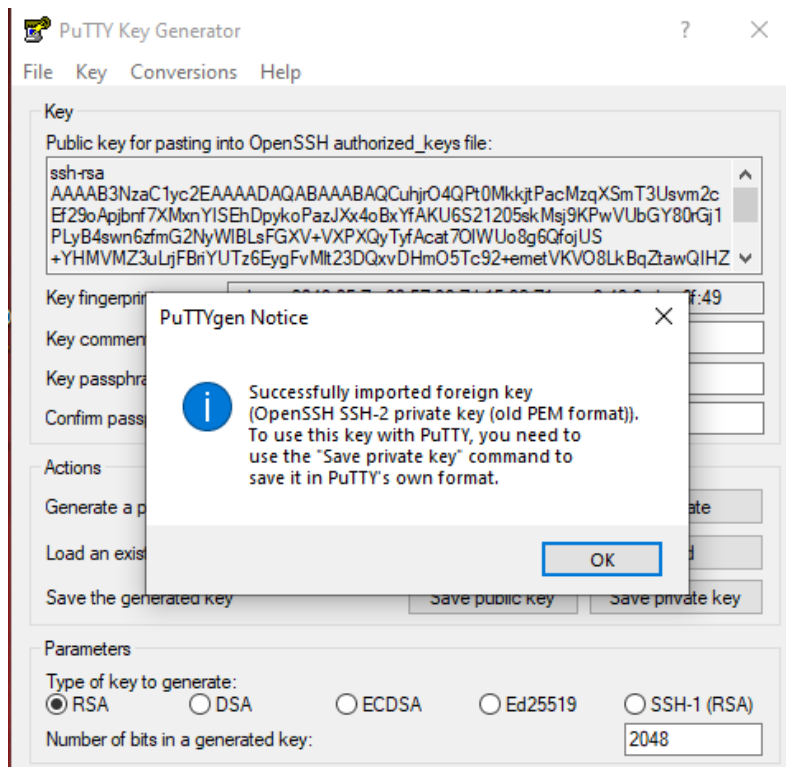
Create a new key pair

Key pair name Maker\_comp2

Download Key Pair

You have to download the **private key file** (\*.pem file) before you can continue. **Store it in a secure and accessible location.** You will not be able to download the file again after it's created.

CancelLaunch Instances



```
ec2-user@ip-172-31-23-24:~  
login as: ec2-user  
Authenticating with public key "imported-openssh-key"  
Last login: Sun Mar 29 20:17:10 2020 from 157.49.231.112  
  
      _|_  _|_  )  
      _| (  _/   Amazon Linux 2 AMI  
      __| \__|__|  
  
https://aws.amazon.com/amazon-linux-2/  
[ec2-user@ip-172-31-23-24 ~]$
```

# S3 :-

The image shows two screenshots of the Amazon S3 console interface.

**Top Screenshot: Create bucket**

- Page Title:** Amazon S3 > Create bucket
- Section:** General configuration
- Bucket name:** testbucketmc
- Region:** US East (Ohio) us-east-2
- Bucket settings for Block Public Access:** 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 this bucket and its 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 this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

**Bottom Screenshot: Upload**

- Page Title:** Amazon S3 > Upload
- Progress:** 1 Files | Size: 27.2 KB | Target path: testbucketmc
- Files:** resume edit.html - 27.2 KB
- Buttons:** Upload, Next

Instances | EC2 Management Console | S3 Management Console

s3.console.aws.amazon.com/s3/buckets/testbucketmc/?region=us-east-2

Services Resource Groups

### Upload

1 Files Size: 27.2 KB Target path: testbucketmc

1 Select files 2 Set permissions 3 Set properties 4 Review

#### Storage class

Choose a storage class based on your use case and access requirements. [Learn more](#) or see [Amazon S3 pricing](#)

Storage class	Designed for	Availability Zones	Min storage duration	Min billable object size	Monitoring and automation fees	Retrieval fees
<input type="radio"/> Standard	Frequently accessed data	≥ 3	-	-	-	-
<input checked="" type="radio"/> Intelligent-Tiering	Long-lived data with changing or unknown access patterns	≥ 3	30 days	-	Per-object fees apply	-
<input type="radio"/> Standard-IA	Long-lived, infrequently accessed data	≥ 3	30 days	128KB	-	Per-GB fees apply
<input type="radio"/> One Zone-IA	Long-lived, infrequently accessed	≥ 1	30 days	128KB	-	Per-GB fees

Upload Previous Next

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Instances | EC2 Management Console | S3 Management Console

s3.console.aws.amazon.com/s3/buckets/testbucketmc/?region=us-east-2&tab=properties

Services Resource Groups

### Static website hosting

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

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

Index document [?](#)

resume edit-html.html

Error document [?](#)

resume edit-html.html

Redirection rules (optional) [?](#)

☐ 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

Operations 0 In progress 1 Success 0 Error

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Instances | EC2 Management Console | S3 Management Console

s3.console.aws.amazon.com/s3/buckets/testbucketmc/?region=us-east-2&tab=permissions

Apps | iee.org | little millenniums | creative | AWS Educate | ntt data | projects | to watch list | ubuntu | CST to IST Converte... | Other bookmarks

aws 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 Off [Edit](#)

- Block public access to buckets and objects granted through *new* access control lists (ACLs) Off
- Block public access to buckets and objects granted through *any* access control lists (ACLs) Off
- Block public access to buckets and objects granted through *new* public bucket or access point policies Off
- Block public and cross-account access to buckets and objects through *any* public bucket or access point policies Off

Operations 0 In progress 1 Success 0 Error

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Instances | EC2 Management Console | S3 Management Console | maker-bot.s3.us-east-2.amazonaws.com/resume+edit.html

Apps | iee.org | little millenniums | creative | AWS Educate | ntt data | projects | to watch list | ubuntu | CST to IST Converte... | Other bookmarks

background image

**N LOHITH**  
E-mail id: nagarajlohit1997@gmail.com  
Mobile: +91 9036850384

**CAREER OBJECTIVE:**

To pursue a challenging career and be a part of progressive organization that gives a scope to enhance my knowledge and utilizing my skills towards the growth of the organization

**EDUCATIONAL QUALIFICATIONS:**

Degree	Board/university	Name of the school/college	Year of passing	Percentage
Bachelor Of Engineering (Electronics & Communication)	Vishveshwaraya Technological University, Belgaum	Sri Jagadguru Chandrabekaransha Swamiji Institute of Technology	2019	7.17 CGPA Pursuing (1815EC043)
12 <sup>th</sup> Standard	Karnataka Pre-University Board	Seshadripuram Pre University College (MAAD)	2015	75.16%
10 <sup>th</sup> Standard	Central Board of Secondary Education (CBSE)	Sri Rama Vidyalaya	2013	8.6 CGPA

**TECHNICAL SKILLS:**

# Rekognition :-

The image displays two screenshots of the Amazon Rekognition console interface. The top screenshot shows the 'Face detection' feature, where a face is analyzed and various attributes are listed. The bottom screenshot shows the 'Face comparison' feature, where two faces are compared to determine their similarity percentage.

**Amazon Rekognition - Face Detection Results**

Attribute	Value
looks like a face	99.9 %
appears to be male	97.2 %
age range	28 - 44 years old
not smiling	90.8 %
not wearing glasses	99.2 %
not wearing sunglasses	99.7 %

**Amazon Rekognition - Face Comparison Results**

Reference face: [Image of Emma Watson]

Comparison faces: [Group photo]

Similarity: 93.5 %

Choose a sample image: [Grid of sample images]

Instances | EC2 Management Console | S3 Management Console | Rekognition Console | emma watson - Google Search

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

Apps | iee.org | little millenniums | creative | AWS Educate | ntt data | projects | to watch list | ubuntu | CST to IST Converte... | Other bookmarks

aws Services Resource Groups

Amazon Rekognition

Custom Labels <sup>New</sup>  
Use Custom Labels

Demos

Object and scene detection

Image moderation

Facial analysis

**Celebrity recognition**

Face comparison

Text in image

Video Demos

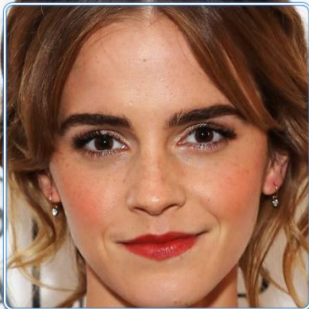
Video analysis

Metrics

Metrics


### Celebrity recognition

Rekognition automatically recognizes celebrities in images and provides confidence scores.



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

▼ Results



**Emma Watson**  
[Learn More](#)

Match confidence 100 %

► Request

► Response

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Instances | EC2 Management Console | S3 Management Console | Rekognition Console | thank you greeting - Google Search

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

Apps | iee.org | little millenniums | creative | AWS Educate | ntt data | projects | to watch list | ubuntu | CST to IST Converte... | Other bookmarks

aws Services Resource Groups

Amazon Rekognition

Custom Labels <sup>New</sup>  
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



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

▼ Results

US English only

| Thank | you |  
| For | your |  
| Recommendation |

► Request

► Response

## EC2 and S3 : -

```
ec2-user@ip-172-31-19-237:~  
Verifying : mailcap-2.1.41-2.amzn2.noarch 10/13  
Verifying : httpd-filesystem-2.4.41-1.amzn2.0.1.noarch 11/13  
Verifying : httpd-tools-2.4.41-1.amzn2.0.1.x86_64 12/13  
Verifying : php-common-5.4.16-46.amzn2.0.2.x86_64 13/13  
  
Installed:  
  php.x86_64 0:5.4.16-46.amzn2.0.2  
  
Dependency Installed:  
  apr.x86_64 0:1.6.3-5.amzn2.0.2  
  apr-util.x86_64 0:1.6.1-5.amzn2.0.2  
  apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2  
  generic-logos-httpd.noarch 0:18.0.0-4.amzn2  
  httpd.x86_64 0:2.4.41-1.amzn2.0.1  
  httpd-filesystem.noarch 0:2.4.41-1.amzn2.0.1  
  httpd-tools.x86_64 0:2.4.41-1.amzn2.0.1  
  libzip010-compat.x86_64 0:0.10.1-9.amzn2.0.5  
  mailcap.noarch 0:2.1.41-2.amzn2  
  mod_http2.x86_64 0:1.15.3-2.amzn2  
  php-cli.x86_64 0:5.4.16-46.amzn2.0.2  
  php-common.x86_64 0:5.4.16-46.amzn2.0.2  
  
Complete!  
[ec2-user@ip-172-31-19-237 ~]$  
  
ec2-user@ip-172-31-19-237:~  
Dependency Installed:  
  apr.x86_64 0:1.6.3-5.amzn2.0.2  
  apr-util.x86_64 0:1.6.1-5.amzn2.0.2  
  apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2  
  generic-logos-httpd.noarch 0:18.0.0-4.amzn2  
  httpd.x86_64 0:2.4.41-1.amzn2.0.1  
  httpd-filesystem.noarch 0:2.4.41-1.amzn2.0.1  
  httpd-tools.x86_64 0:2.4.41-1.amzn2.0.1  
  libzip010-compat.x86_64 0:0.10.1-9.amzn2.0.5  
  mailcap.noarch 0:2.1.41-2.amzn2  
  mod_http2.x86_64 0:1.15.3-2.amzn2  
  php-cli.x86_64 0:5.4.16-46.amzn2.0.2  
  php-common.x86_64 0:5.4.16-46.amzn2.0.2  
  
Complete!  
[ec2-user@ip-172-31-19-237 ~]$ curl -s 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-172-31-19-237 ~]$
```

```
ec2-user@ip-172-31-19-237:/var/www/html/face
./composer.json has been created
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 3 installs, 0 updates, 0 removals
 - Installing symfony/event-dispatcher (v2.8.52): Loading from cache
 - Installing guzzle/guzzle (v3.9.3): Downloading (100%)
 - Installing aws/aws-sdk-php (2.8.31): Downloading (100%)
symfony/event-dispatcher suggests installing symfony/dependency-injection
symfony/event-dispatcher suggests installing symfony/http-kernel
guzzle/guzzle suggests installing guzzlehttp/guzzle (Guzzle 5 has moved to a new
package name. The package you have installed, Guzzle 3, is deprecated.)
aws/aws-sdk-php suggests installing doctrine/cache (Adds support for caching of
credentials and responses)
aws/aws-sdk-php suggests installing ext-apc (Allows service description opcode c
aching, request and response caching, and credentials caching)
aws/aws-sdk-php suggests installing monolog/monolog (Adds support for logging HT
TP requests and responses)
aws/aws-sdk-php suggests installing symfony/yaml (Eases the ability to write man
ifests for creating jobs in AWS Import/Export)
Package guzzle/guzzle is abandoned, you should avoid using it. Use guzzlehttp/gu
zzle instead.
Writing lock file
Generating autoload files
[ec2-user@ip-172-31-19-237 face]$
```

```
ec2-user@ip-172-31-19-237:/var/www/html/face
CGroup: /system.slice/httpd.service
├─3863 /usr/sbin/httpd -DFOREGROUND
├─3864 /usr/sbin/httpd -DFOREGROUND
├─3865 /usr/sbin/httpd -DFOREGROUND
├─3866 /usr/sbin/httpd -DFOREGROUND
├─3867 /usr/sbin/httpd -DFOREGROUND
└─3868 /usr/sbin/httpd -DFOREGROUND

Mar 30 17:52:43 ip-172-31-19-237.us-east-2.compute.internal systemd[1]: Start...
Mar 30 17:52:43 ip-172-31-19-237.us-east-2.compute.internal systemd[1]: Start...
Hint: Some lines were ellipsized, use -l to show in full.
[ec2-user@ip-172-31-19-237 face]$ ls
composer.json composer.lock sl.jpg vendor
[ec2-user@ip-172-31-19-237 face]$ sudo vim index.php
[ec2-user@ip-172-31-19-237 face]$ sudo yum install php
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 2.4 kB 00:00
Package php-5.4.16-46.amzn2.0.2.x86_64 already installed and latest version
Nothing to do
[ec2-user@ip-172-31-19-237 face]$ ls
composer.json composer.lock index.php sl.jpg vendor
[ec2-user@ip-172-31-19-237 face]$ sudo php index.php
Image upload done... Here is the URL: https://maker-bot.s3.us-east-2.amazonaws.c
om/sl.jpg[ec2-user@ip-172-31-19-237 face]$
```



```
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;
}
```

```
ec2-user@ip-172-31-19-237:/var/www/html/face
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Last login: Mon Mar 30 18:00:36 2020 from 157.49.223.84

  _ | _ | _ )
 _ | ( _ | _ /   Amazon Linux 2 AMI
__| |\__|__|

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 7 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-19-237 ~]$ cd /var/www/html/face
[ec2-user@ip-172-31-19-237 face]$ ls
composer.json  composer.lock  index1.php    index.php     s1.jpg        vendor
[ec2-user@ip-172-31-19-237 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-19-237 face]$
```

```
ec2-user@ip-172-31-19-237:/var/www/html/face
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Last login: Mon Mar 30 18:00:36 2020 from 157.49.223.84

    _ | _ | _ )
    _ | ( _ | /
    _ | \ _ | _ |
    Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 7 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-19-237 ~]$ cd /var/www/html/face
[ec2-user@ip-172-31-19-237 face]$ ls
composer.json composer.lock index1.php index.php s1.jpg vendor
[ec2-user@ip-172-31-19-237 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-19-237 face]$ sudo php index1.php
Image upload done... Here is the URL: https://maker-bot.s3.us-east-2.amazonaws.com/s1.jpg[ec2-user@ip-172-31-19-237 face]$
```

## EC2 and Rekognition: -

The screenshot shows the AWS S3 console interface. On the left, there's a sidebar with 'Upload' and 'Create' buttons. The main area displays a file named 'logo.jpg' (56.8 KB) and 'resume edit' (27.2 KB) in the 'US East (Ohio)' region. A terminal window is overlaid on the console, showing the following commands and output:

```
ec2-user@ip-172-31-23-24:/var/www/html/face
- Installing guzzlehttp/promises (v1.3.1): Downloading (100%)
- Installing ralouphie/getallheaders (3.0.3): Downloading (100%)
- Installing psr/http-message (1.0.1): Downloading (100%)
- Installing guzzlehttp/psr7 (1.6.1): Downloading (100%)
- Installing guzzlehttp/guzzle (6.5.2): Downloading (100%)
- Updating aws/aws-sdk-php (2.8.31 => 3.133.46): Downloading (100%)
guzzlehttp/psr7 suggests installing zendframework/zend-httphandlerunner (Emits PSR-7 responses)
guzzlehttp/guzzle suggests installing psr/log (Required for using the Log middle ware)
guzzlehttp/guzzle suggests installing ext-intl (Required for Internationalized Domain Name (IDN) support)
Package guzzle/guzzle is abandoned, you should avoid using it. Use guzzlehttp/guzzle instead.
Generating autoload files
1 package you are using is looking for funding.
Use the 'composer fund' command to find out more!
[ec2-user@ip-172-31-23-24 face]$ ls
composer.json index_logo.php logo.jpg vendor
composer.lock index_s.php s.jpg
[ec2-user@ip-172-31-23-24 face]$ php index_s.php
Image upload done... Here is the URL: https://maker-bot.s3.us-east-2.amazonaws.com/s.jpgTotally there are 9 faces[ec2-user@ip-172-31-23-24 face]$
```