

# Login :-

The image shows two screenshots of the AWS environment. The top screenshot is the AWS sign-in page, and the bottom screenshot is the AWS Management Console.

**AWS Sign-In Page:**

- Sign in** section:
  - 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
- Next** button
- New to AWS?** link
- Create a new AWS account** button

**RE:INFORCE Event Banner:**

- aws RE:INFORCE**
- June 30 – July 1, 2020 • Houston, TX**
- Two days and hundreds of sessions focused on cloud security, identity, and compliance.**
- Register Now** button

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**AWS Management Console:**

- Navigation Bar:** Services, Resource Groups, Lohith N, Ohio, Support
- Left Sidebar:** New EC2 Experience, EC2 Dashboard, Events, Tags, Reports, Limits, INSTANCES (Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations), IMAGES (AMIs, Bundle Tasks)
- EC2 Resources:**
  - Running instances:** 2
  - Elastic IPs:** 0
  - Dedicated Hosts:** 0
  - Snapshots:** 0
  - Volumes:** 2
  - Load balancers:** 0
  - Key pairs:** 2
  - Security groups:** 4
  - Placement groups:** 0
- Account attributes:**
  - Supported platforms:** VPC
  - Default VPC:** vpc-3b6fa550
  - Console experiments:** Settings
- Explore AWS:** Save with AMD EPYC-Powered EC2 instances. Learn how you can use EC2 instances featuring AMD EPYC processors to deliver a 10% lower cost on compute.

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Instances | EC2 Management Console

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

Services Resource Groups

New EC2 Experience

EC2 Dashboard

Events

Tags

Reports

Limits

INSTANCES

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

IMAGES

AMIs

Bundle Tasks

Launch Instance

Connect

Actions

Filter by tags and attributes or search by keyword

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

Description

- 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

Feedback English (US)

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Instances | EC2 Management Console

S3 Management Console

Rekognition Console

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

Services Resource Groups

Amazon S3

Buckets

Batch operations

Access analyzer for S3

Block public access (account settings)

Feature spotlight

Amazon S3

Buckets (1)

Copy ARN Empty Delete Create bucket

Find bucket by name

Name	Region	Access	Bucket created
maker-bot	US East (Ohio) us-east-2	Objects can be public	2020-03-28T10:58:53.000Z

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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 Converter... | Other bookmarks

aws Services Resource Groups

Lohith N Ohio Support

### 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

## 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

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EC2 :-

Launch instance wizard | EC2 Ma

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

ServicesResource Groups

Launch instance wizard | EC2 Ma

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

Step 1: Choose an Amazon Machine Image (AMI)

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: ebsVirtualization type: hvmENA Enabled: Yes

64-bit (x86)64-bit (Arm)

Select

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: ebsVirtualization type: hvmENA Enabled: Yes

64-bit (x86)

Select

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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

Launch instance wizard | EC2 Ma

1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. 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 typesCurrent generationShow/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

CancelPreviousReview and LaunchNext: 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

Launch instance wizard | EC2 Ma

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 Encrypt

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

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:**

**Description:**

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	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**

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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 step 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 Volume Type**

Free tier eligible

Amazon Linux 2 comes with five years of support and the 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**

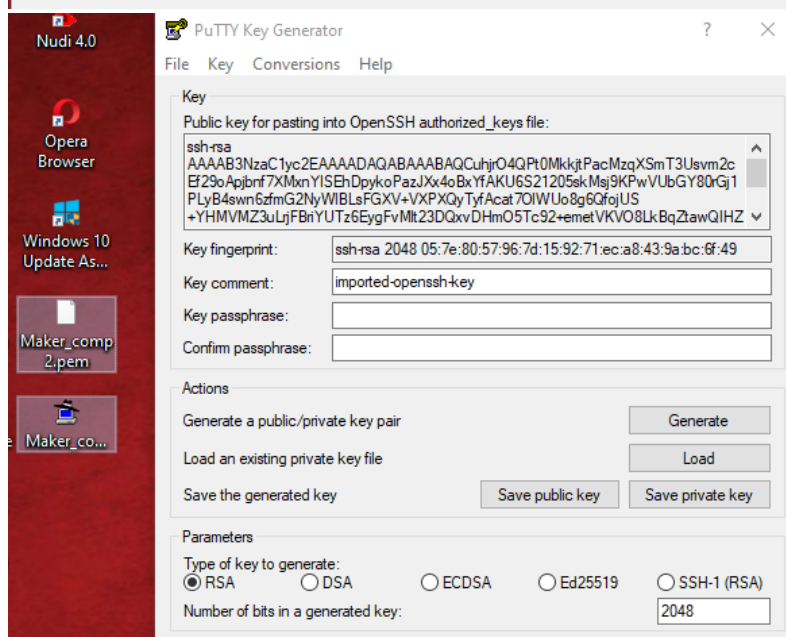
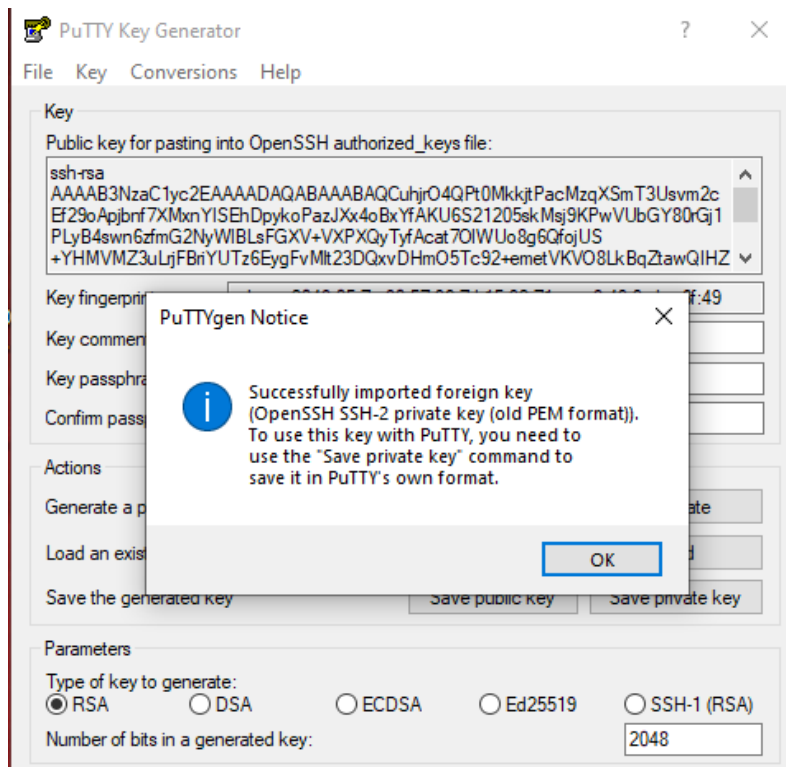
**Download Key Pair**

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.

**Cancel****Launch Instances**

Maker\_comp2.pem

Show all



```
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 displays two screenshots of the Amazon S3 console interface.

**Top Screenshot: Create bucket**

The browser address bar shows `s3.console.aws.amazon.com/s3/bucket/create?region=us-east-2`. The console header includes the AWS logo, navigation tabs (Services, Resource Groups), and user information (Lohith N, Global, Support).

The left sidebar shows the **Amazon S3** section with links to Buckets, Batch operations, Access analyzer for S3, Block public access (account settings), and Feature spotlight (2).

The main content area is titled **Create bucket** and includes a notification banner about console updates. The **General configuration** section contains:

- Bucket name:** `testbucketmc` (with a note: "Bucket name must be unique and must not contain spaces or uppercase letters. See rules for bucket naming.")
- Region:** `US East (Ohio) us-east-2`

The **Bucket settings for Block Public Access** section explains that public access is blocked by default and provides instructions on how to manage access control lists (ACLs), bucket policies, and access point policies.

**Bottom Screenshot: Upload modal**

The browser address bar shows `s3.console.aws.amazon.com/s3/buckets/testbucketmc/?region=us-east-2`. An **Upload** modal is open, showing a progress bar and a list of files being uploaded:

File Name	Size	Target path
resume edit.html	27.2 KB	testbucketmc

The modal includes a progress bar at the bottom and buttons for **Upload** and **Next**. A note at the top of the modal states: "To upload a file larger than 160 GB, use the AWS CLI, AWS SDK, or Amazon S3 REST API. Learn more."



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 Lohith N Global Support

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

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

Edit

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

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background image

N LOHITH

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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 Chandrabhakaranatha Swamiji Institute of Technology	2019	7.17 CGPA Pursuing (18115EC043)
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 Converter... | 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

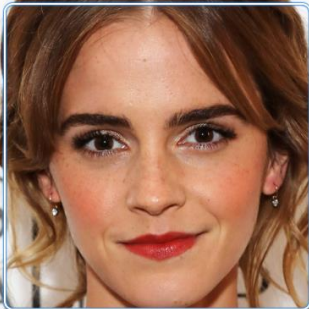
Video analysis

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 Converter... | 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 -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-172-31-19-237 ~]$
```

```
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]$
```



```
ec2-user@ip-172-31-19-237:/var/www/html/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;
}

:wq
```

```
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  sl.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 list of files: 'logo.jpg' (56.8 KB, Standard) and 'resume edit...' (27.2 KB, Standard). A terminal window is overlaid on the console, showing the output of a PHP script. The terminal output includes installation instructions for Guzzle and Psr packages, followed by the execution of 'php index\_s.php', which results in an image upload to an S3 bucket. The terminal also shows the directory listing of the upload directory.

```
- 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.
Installing lock file
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]$
```