

S3 Management Console - Mozilla Firefox

3D Surf | Squar | CodeCh | Ranklist | Deskto | Untitled | (56) Wh | (1) Wh | Python | Segmen | Untitled | (no sub) | S3 Mi X

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

aws Services Resource Groups Vaishakh Nargund Global Support

Amazon S3

Buckets

Batch operations

Access analyzer for S3

Block public access (account settings)

Feature spotlight 2

We're gradually updating the design of the Amazon S3 console. You will notice some updated screens as we improve the performance and user interface. To help us improve the experience, [give feedback](#) on the recent updates.

Amazon S3

Buckets (1) Copy ARN Empty Delete Create bucket

Find bucket by name

Name	Region	Access	Bucket created
my-application	US East (Ohio) us-east-2	Objects can be public	2020-03-28T06:29:37.000Z

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Rekognition Console - Mozilla Firefox

3D Surf | Squar | CodeCh | Ranklist | Deskto | Untitled | (56) Wh | (1) Wh | Python | Segmen | Untitled | (no sub) | Rekog X

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

How would you rate your experience with this service console? ☆ ☆ ☆ ☆ ☆

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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

Continuously Learning

Amazon Rekognition is designed to use

Integrated with AWS Services

Amazon Rekognition is designed to

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Launch instance wizard | EC2 Management Console - Mozilla Firefox

Amazon Web services | Launch instance wizard

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

aws

Services | Resource Groups

Vaishakh Nargund | Ohio | Support

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

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

Free tier eligible

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

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

Select

64-bit (x86)

64-bit (Arm)

Amazon Linux

Free tier eligible

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

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

Select

64-bit (x86)

Red Hat

Red Hat Enterprise Linux 8 (HVM), SSD Volume Type - ami-0520e698dd500b1d1 (64-bit x86) / ami-0099647d600887c9f (64-bit Arm)

Select

64-bit (x86)

64-bit (v86)

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Launch instance wizard | EC2 Management Console - Mozilla Firefox

Amazon Web services | Launch instance wizard

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

aws

Services | Resource Groups

Vaishakh Nargund | Ohio | Support

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 Management Console - Mozilla Firefox

Amazon Web services | Launch instance wizard |

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

aws 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 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.

Cancel Previous **Review and Launch** Next: Add Tags

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Launch instance wizard | EC2 Management Console - Mozilla Firefox

Amazon Web services | Launch instance wizard |

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

aws 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: launch-wizard-4

Description: launch-wizard-4 created 2020-03-31T12:05:26.570+05:30

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**

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Putty SSH Client

Amazon Web Services | Instances | EC2 Manager | +

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

aws Services Resource Groups

New EC2 Experience Tell us what you think

Launch Instance Connect Actions

Filter by tags and attributes or search by keyword

Name	Instance ID	Instance Type	Availability Zone
	i-049416cbe1504668b	t2.micro	us-east-2b
	i-0b074d40f23c8624f	t2.micro	us-east-2b
	i-0f070200a24ce467b	t2.micro	us-east-2b

INSTANCES

Instances

Instance Types

Launch Templates New

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts New

Capacity Reservations

IMAGES

AMIs

Bundle Tasks

Feedback English (US)

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ec2-user@ip-172-31-26-252:~\$ Hello, this is Vaishakh

INSERT -- 1.24 All

Description Status Checks Monitoring Tags

Instance ID i-049416cbe1504668b Public DNS (IPv4) ec2-18-191-113-105.us-east-2.compute.amazonaws.com

Instance state running IPv4 Public IP 18.191.113.105

Instance type t2.micro IPv6 IPs -

Finding Opt-in to AWS Compute Optimizer for recommendations. Learn more Elastic IPs

Private DNS ip-172-31-26-252.us-east-2.compute.internal Availability zone us-east-2b

Private IPs 172.31.26.252 Security groups launch-wizard-4. view inbound rules. view outbound rules

Associated public IPs No associated public IPs

Terminal

vaishakh@vaishakh-Inspiron-5567: ~/Downloads

```
(base) vaishakh@vaishakh-Inspiron-5567:~$ cd Downloads/
(base) vaishakh@vaishakh-Inspiron-5567:~/Downloads$ puttygen my-application
my-application1.pem my-application.pem my-application.ppk my-application
(base) vaishakh@vaishakh-Inspiron-5567:~/Downloads$ puttygen my-application
my-application1.pem my-application.pem my-application.ppk my-application
(base) vaishakh@vaishakh-Inspiron-5567:~/Downloads$ puttygen my-application1.pem
m -o private -o my-application1.ppk my-application1.ppk
(base) vaishakh@vaishakh-Inspiron-5567:~/Downloads$
```

Launch Templates New

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts New

Capacity Reservations

IMAGES

AMIs

Bundle Tasks

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us-east-2#Instances: ...

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1 to 3 of 3

Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
	running	2/2 checks ...	None	ec2-18-191-113-105.us-east-2.compute.amazonaws.com
	terminated	None	None	
	terminated	None	None	

Description Status Checks Monitoring Tags

Instance ID i-049416cbe1504668b Public DNS (IPv4) ec2-18-191-113-105.us-east-2.compute.amazonaws.com

Instance state running IPv4 Public IP 18.191.113.105

Instance type t2.micro IPv6 IPs -

Finding Opt-in to AWS Compute Optimizer for recommendations. Learn more Elastic IPs

Private DNS ip-172-31-26-252.us-east-2.compute.internal Availability zone us-east-2b

Private IPs 172.31.26.252 Security groups launch-wizard-4. view inbound rules. view outbound rules

Associated public IPs No associated public IPs

Putty SSH Client

Amazon Web Services

Instances | EC2 M... | Spoon-Knife | Spoon-Knife

ec2-user@ip-172-31-26-252:/var/www/html/face

login as: ec2-user
 Authenticating with public key "imported-openssh-key"
 Last login: Tue Mar 31 08:10:00 2020 from 106.217.47.26

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-172-31-26-252 ~]\$ cd /var/www/html
 [ec2-user@ip-172-31-26-252 html]\$ cd face
 [ec2-user@ip-172-31-26-252 face]\$ pwd
 /var/www/html/face
 [ec2-user@ip-172-31-26-252 face]\$

aws

Services Resource Groups

Launch Instance Connect Actions

Filter by tags and attributes or search by keyword

Name	Instance ID	Instance Type	Availability Zone
	i-049416cbe1504668b	t2.micro	us-east-2b

Instance: i-049416cbe1504668b Public DNS: ec2-18-191-113-105.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

Property	Value
Instance ID	i-049416cbe1504668b
Instance state	running
Instance type	t2.micro
Finding	Opt-in to AWS Compute Optimizer for recommendations. Learn more
Private DNS	ip-172-31-26-252.us-east-2.compute.internal
Public DNS (IPv4)	ec2-18-191-113-105.us-east-2.compute.amazonaws.com
IPv4 Public IP	18.191.113.105
IPv6 IPs	-
Elastic IPs	-
Availability zone	us-east-2b

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Putty SSH Client

Open

exmpl.html

ec2-user@ip-172-31-26-252:/var/www/html/face

Save

```

<?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

Incase if you are getting any class NOT found error, follow these steps

sudo yum remove php*
sudo yum remove httpd*
sudo yum clean all
sudo yum upgrade -y
sudo amazon-linux-extras install php7.2
sudo yum install php-json php-xml php-cli php-mbstring
sudo yum install httpd

*/
// error_reporting(0);

require_once(__DIR__ . '/vendor/autoload.php');

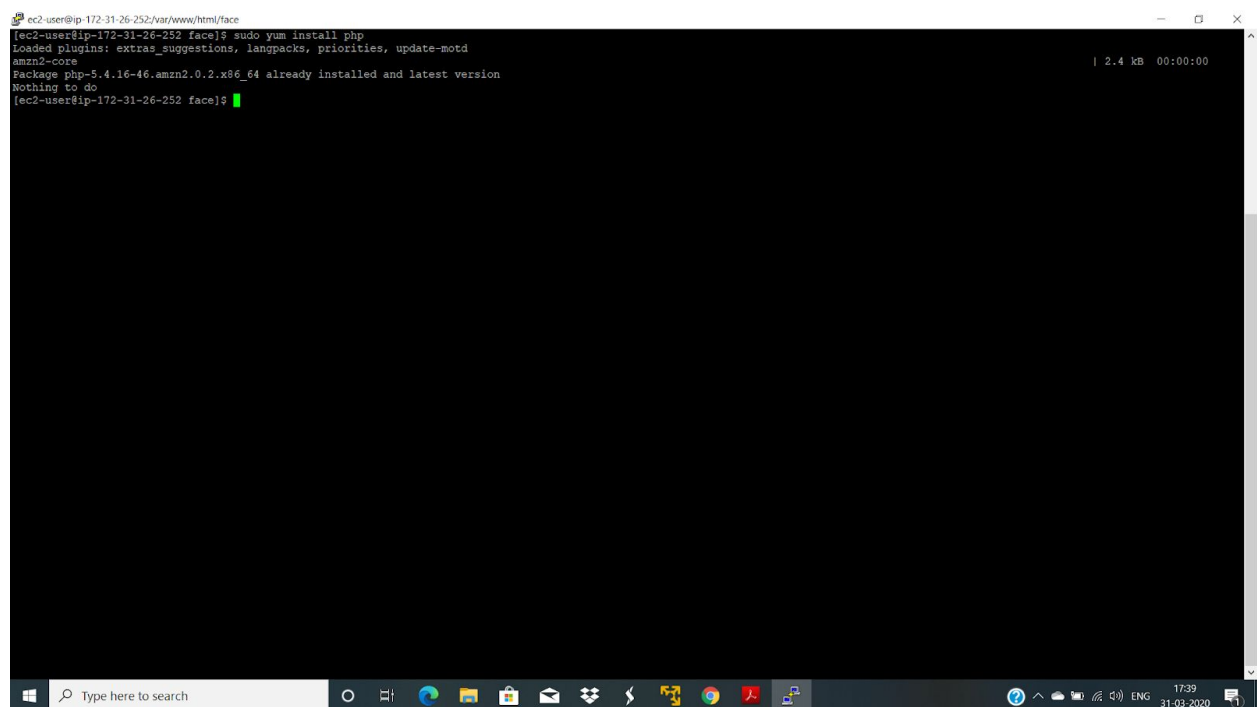
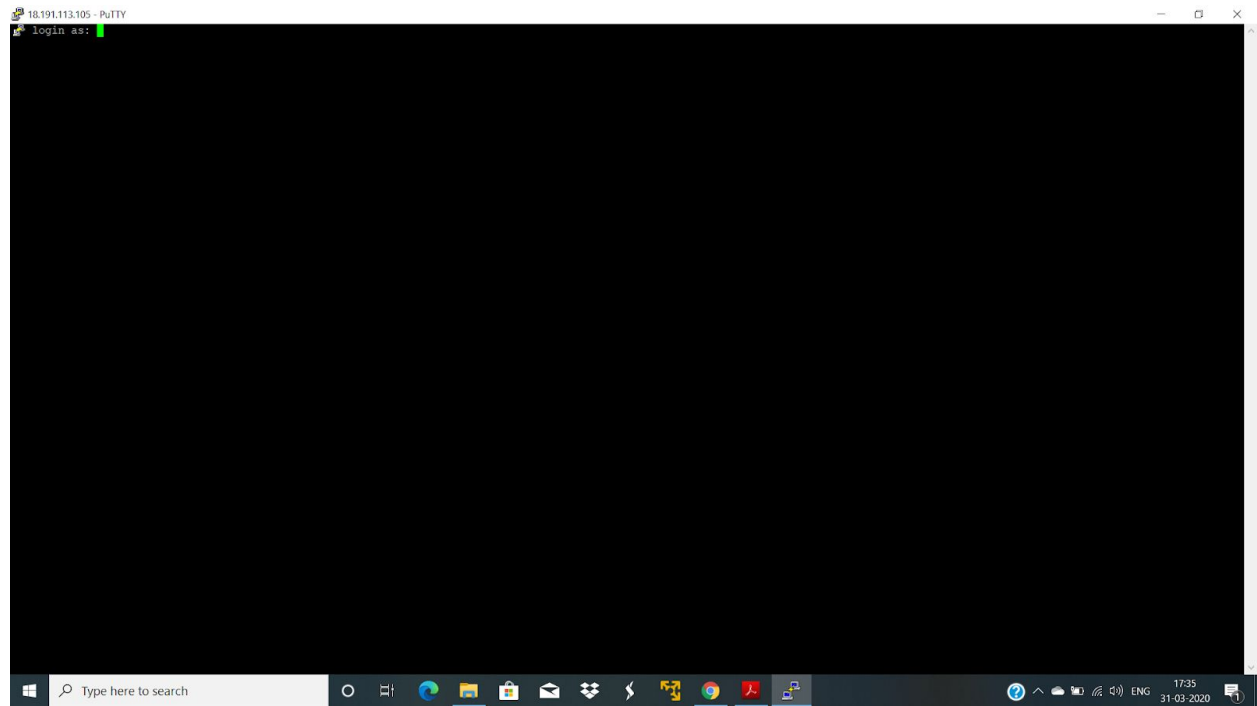
use Aws\S3\S3Client;
use Aws\Rekognition\RekognitionClient;

```

PHP Tab Width: 8 Ln 7, Col 17 INS

```
ec2-user@ip-172-31-26-252:/var/www/html/face
$?php
$?
$?install.php - sudo yam install.php
$?curl -s https://getcomposer.org/installer | php
$?cd /var/www/html
$?sudo mkdir face
$?cd face
$?sudo php -d memory_limit=1 -d composer.phar require aws/aws-sdk-php
$?# Note: If you get memory error -
$?sudo /bin/dm 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/b3/7e/a3/b37ea3b5842c7894b804923e8cd5550.jpg
$?sudo mv b37ea3b5842c7894b804923e8cd5550.jpg sample.jpg
$?
error_reporting(0);
require_once( __DIR__ . '/vendor/autoload.php');
use Aws\S3\S3Client;
use Aws\Rekognition\RekognitionClient;
$bucket = 'your bucket name';
$keyname = 'Your File Name';
$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'
    ]);
    // Refer 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;
    }
}
-- INSERT --
```

```
ec2-user@ip-172-31-26-252:/var/www/html/face
[ec2-user@ip-172-31-26-252 face]$ sudo php index.php
Image upload done... Here is the URL: https://my-application.s3.us-east-2.amazonaws.com/sample.jpg[ec2-user@ip-172-31-26-252 face]$
```




```
ec2-user@ip-172-31-26-252:/var/www/html/face
[ec2-user@ip-172-31-26-252 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-172-31-26-252 face]$
```

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](#)

Feedback

English (US)


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

Services Resource Groups

Vaishakh Nargund Ohio Support

Text in image

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



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.

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

Results US English only

| IT'S |

| MONDAY |

| but | keep |

| Smiling |

Request

Response

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my-application1.ppk Show all

Amazon Rekognition Console interface showing the Face comparison demo. The page title is "Face comparison" with the subtitle "Compare faces to see how closely they match based on a similarity percentage." The interface includes a sidebar with navigation options: Custom Labels, Demos, Object and scene detection, Image moderation, Facial analysis, Celebrity recognition, Face comparison (selected), Text in image, Video Demos, Video analysis, Metrics, and Additional Resources. The main content area displays a "Reference face" and "Comparison faces" section. The reference face is a young girl with a headband. The comparison faces are two images of the same girl. The results section shows a similarity score of 99.8% with a visual bar chart. Below the main content, there are links for "Choose a sample image" and "Use your own image". The footer includes the AWS logo, navigation links, and a copyright notice: "© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved." The browser address bar shows the URL: "https://us-east-2.console.aws.amazon.com/rekognition/home?region=us-east-2#/face-comparison".

Amazon Rekognition Console interface showing the Celebrity recognition demo. The page title is "Celebrity recognition" with the subtitle "Rekognition automatically recognizes celebrities in images and provides confidence scores." The interface includes a sidebar with navigation options: Custom Labels, Demos, Object and scene detection, Image moderation, Facial analysis, Celebrity recognition (selected), Face comparison, Text in image, Video Demos, Video analysis, Metrics, and Additional Resources. The main content area displays a large image of Jeff Bezos with a bounding box around his face. The results section shows a match confidence of 100% and identifies the celebrity as "Jeff Bezos". Below the main content, there are links for "Choose a sample image" and "Use your own image". The footer includes the AWS logo, navigation links, and a copyright notice: "© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved." The browser address bar shows the URL: "https://us-east-2.console.aws.amazon.com/rekognition/home?region=us-east-2#/celebrity-detection".

Amazon Rekognition Console

Services Resource Groups

Vaishakh Nargund Ohio Support

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](#)

Facial analysis

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




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.

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

Results



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 %

[Show more](#)

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my-application1.ppk Show all

Type here to search

```
ec2-user@ip-172-31-29-253:~$  
[ec2-user@ip-172-31-29-253 ~]$ sudo yum install php  
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd  
win2-core  
Package php-5.4.16-46.amzn2.0.2.x86_64 already installed and latest version  
Nothing to do  
[ec2-user@ip-172-31-29-253 ~]$
```

12:19 01-04-2020

