

EC2:

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

AMI Name	Description	Select
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.	<input checked="" type="radio"/> 64-bit (x86) <input type="radio"/> 64-bit (Arm)
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.	<input type="radio"/> 64-bit (x86) <input checked="" type="radio"/> 64-bit (Arm)
Red Hat Enterprise Linux 8 (HVM), SSD Volume Type - ami-0520e698dd500b1d1 (64-bit x86) / ami-0099847d600887c9f (64-bit Arm)	Red Hat Enterprise Linux version 8 (HVM), EBS General Purpose (SSD) Volume Type	<input checked="" type="radio"/> 64-bit (x86) <input type="radio"/> 64-bit (Arm)

Feedback English (US)

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

	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
<input type="checkbox"/>	General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t3a.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

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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-0f54692056aaaa4c20	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

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Launch instance wizard | EC2 Manager | (12) 7-Day Free Masterclass | Data | +

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

AWS Services Resource Groups

Shibin Joseph 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 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 2020-04-02T10:58:12.109+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.

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Cancel Previous Review and Launch

Save As

This PC > Downloads >

Organize New folder

Name Date modified Type Size

Earlier this week (1)
Telegram Desktop 31-03-2020 15:04 File folder

Earlier this year (1)
springjars 28-02-2020 18:54 File folder

File name: aws-webinar-trial

Save as type: PEM File

Save Cancel

Create a new key pair

and a **private key file** that you store. Together, they Windows AMIs, the private key file is required to For Linux AMIs, the private key file allows you to

of keys authorized for this instance. Learn more

Key pair name: aws-webinar-trial

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

Group 7. Review

key pair to your instance and complete the launch process.

Edit AMI

groups

Edit instance type

Processor Performance Moderate

Edit security groups

Cancel Previous Launch

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Cancel Previous Launch

The screenshot shows a Windows desktop environment. In the foreground, a 'Save private key as' dialog box is open, prompting for a file name ('aws-webinar-trial.ppk') and save type ('PuTTY Private Key Files (*.ppk)'). In the background, a PuTTY configuration window titled 'cb85c9b1e91:sort=instancel' is displayed, showing connection details for an instance named 'i-0ab498cb85c9b1e91'. The 'Description' tab is selected, showing the instance ID (i-0ab498cb85c9b1e91), state (running), and type (t2.micro). The 'Actions' section includes options to generate or load keys. Below the instance details, network information like Private DNS (ip-172-31-21-85.us-east-2.compute.internal) and Private IPs (172.31.21.85) is shown. To the right, a CloudWatch Metrics interface displays metrics for the instance, including Alarm Status (None), Public DNS (IPv4) (ec2-18-222-127-24.us...), and IPv4 Public IP (18.222.127.24). The taskbar at the bottom shows various pinned icons.

The screenshot shows a terminal session on an Amazon Linux 2 AMI. The user has logged in as 'ec2-user' using an imported OpenSSH key. The session starts with the message 'Authenticating with public key "imported-openssh-key"'. The user then runs the command 'sudo yum update' to check for available updates. The output shows that 1 package is needed for security, out of 7 available. The session ends with the prompt '[ec2-user@ip-172-31-23-81 ~]\$'. The taskbar at the bottom shows the AWS CloudWatch Metrics interface from the previous screenshot.

```

ec2-user@ip-172-31-23-81:~$ login as: ec2-user
Authenticating with public key "imported-openssh-key"
[ec2-user@ip-172-31-23-81 ~]$ 
[ec2-user@ip-172-31-23-81 ~]$ 
[ec2-user@ip-172-31-23-81 ~]$ 
[ec2-user@ip-172-31-23-81 ~]$ 
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-172-31-23-81 ~]$ 

```

```
ec2-user@ip-172-31-16-215:~$ 
Installing : httpd-2.4.41-1.amzn2.0.1.x86_64 9/9
Verifying : apr-util-1.6.1-5.amzn2.0.2.x86_64 1/9
Verifying : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64 2/9
Verifying : httpd-2.4.41-1.amzn2.0.1.x86_64 3/9
Verifying : httpd-filesystem-2.4.41-1.amzn2.0.1.noarch 4/9
Verifying : mod_http2-1.15.3-2.amzn2.x86_64 5/9
Verifying : apr-1.6.3-5.amzn2.0.2.x86_64 6/9
Verifying : mailcap-2.1.41-2.amzn2.noarch 7/9
Verifying : generic-logos-httdp-18.0.0-4.amzn2.noarch 8/9
Verifying : httpd-tools-2.4.41-1.amzn2.0.1.x86_64 9/9

Installed:
  httpd.x86_64 0:2.4.41-1.amzn2.0.1

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-httdp.noarch 0:18.0.0-4.amzn2
  httpd-filesystem.noarch 0:2.4.41-1.amzn2.0.1
  httpd-tools.x86_64 0:2.4.41-1.amzn2.0.1
  mailcap.noarch 0:2.1.41-2.amzn2
  mod_http2.x86_64 0:1.15.3-2.amzn2

Complete!
[ec2-user@ip-172-31-16-215 ~]$ sudo service httpd start
Redirecting to /bin/systemctl start httpd.service
[ec2-user@ip-172-31-16-215 ~]$ sudo service httpd status
Redirecting to /bin/systemctl status httpd.service
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor prese
t: disabled)
     Active: active (running) since Sun 2020-03-29 15:05:30 UTC; 48s ago
       Docs: man:httdp.service(8)
 Main PID: 3753 (httdp)
   Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes se
rved/sec: 0 B/sec"
  CGroup: /system.slice/httdp.service
          └─3753 /usr/sbin/httdp -DFOREGROUND
             ├─3754 /usr/sbin/httdp -DFOREGROUND
             ├─3755 /usr/sbin/httdp -DFOREGROUND
             ├─3756 /usr/sbin/httdp -DFOREGROUND
             ├─3757 /usr/sbin/httdp -DFOREGROUND
             └─3758 /usr/sbin/httdp -DFOREGROUND

Mar 29 15:05:30 ip-172-31-16-215.us-east-2.compute.internal systemd[1]: Start...
Mar 29 15:05:30 ip-172-31-16-215.us-east-2.compute.internal systemd[1]: Start...
Hint: Some lines were ellipsized, use -l to show in full.
[ec2-user@ip-172-31-16-215 ~]$ sudo vim /var/www/html/index.html
[ec2-user@ip-172-31-16-215 ~]$ 
```

EC2 Management Console > Download PuTTY: latest release (x) | 18.188.185.156

Services > Resource Groups >

New EC2 Experience Tell us what you think

EC2 Dashboard New

- Events New
- Tags
- Reports
- Limits
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 - Savings Plans
 - Reserved Instances
 - Dedicated Hosts New
 - Capacity Reservations
- IMAGES**
 - AMIs
 - Bundle Tasks
- ELASTIC BLOCK STORE**

Details

Security group name launch-wizard-1	Security group ID sg-0c1a5b53bebe68fd9	Description launch-wizard-1 created 2020-03-29T19:59:15.240+05:30	VPC ID vpc-86e83ded
Owner 412754469428	Inbound rules count 3 Permission entries	Outbound rules count 1 Permission entry	

Inbound rules | Outbound rules | Tags

Inbound rules

Edit inbound rules

Type	Protocol	Port range	Source	Description - optional
HTTP	TCP	80	0.0.0.0/0	-
HTTP	TCP	80	::/0	-
SSH	TCP	22	0.0.0.0/0	-

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putty-64bit-0.73-L.msi puttygen.exe aws-webinar-key.pem

20:52 29-03-2020 ENG

The screenshot shows the AWS EC2 Management Console. On the left, there's a navigation sidebar with links like EC2 Dashboard, Launch Templates, and Security Groups. The main area displays an instance named 'i-0933003758874df03' which is a t2.micro type running in the us-east-2b zone. It has a Public DNS of 'ec2-18-188-185-156.us-east-2.compute.amazonaws.com' and a Public IP of '18.188.185.156'. A modal window is open showing the 'Security Groups associated with i-0933003758874df03' for the 'launch-wizard-1' group. The table lists two rules:

Ports	Protocol	Source
80	tcp	0.0.0.0/0
22	tcp	0.0.0.0/0

At the bottom of the screen, there's a taskbar with icons for Putty, Puttygen, and aws-webinar-key.pem, along with a search bar and system status indicators.

This screenshot shows a Windows taskbar. It has three pinned icons: 'putty-64bit-0.73-i...msi', 'puttygen.exe', and 'aws-webinar-key.pem'. Below the taskbar is a search bar and a system tray with network, battery, and date/time information.

This screenshot is identical to the one above, showing the Windows taskbar with the same pinned icons and system status.

S3:

Bucket name: aws-webinar-shibin

Region: US East (Ohio) us-east-2

Bucket settings for Block Public Access

Block all public access (checked)

Block public access to buckets and objects granted through new access control lists (ACLs)

Block public access to buckets and objects granted through any access control lists (ACLs)

Overview Properties Permissions Management Access points

Type a prefix and press Enter to search. Press ESC to clear.

Upload + Create folder Download Actions

US East (Ohio) Viewing 1 to 1

Name	Last modified	Size	Storage class
index.html	Mar 29, 2020 9:21:49 PM GMT+0530	12.0 B	Standard

Operations: 0 In progress, 1 Success, 0 Error

S3 Management Console | aws-webinar-shibin.s3-website.us-east-2.amazonaws.com | +

AWS Services Resource Groups

Versioning

Keep multiple versions of an object in the same bucket.

Learn more

Disabled

Server access logging

Set up access log records that provide details about access requests.

Learn more

Disabled

Static website hosting

Endpoint : http://aws-webinar-shibin.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

Bucket hosting

Cancel Save

Operations 0 In progress 1 Success 0 Error

Feedback English (US)

Type here to search

21:33 29-03-2020

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S3 Management Console | aws-webinar-shibin.s3-website.us-east-2.amazonaws.com | +

AWS Services Resource Groups

Overview Properties Permissions Management Access points

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

Feedback English (US)

Type here to search

21:33 29-03-2020

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Hello world!

```
[ec2-user@ip-172-31-23-81: ~]$ sudo yum install php
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core                                         | 2.4 kB   00:00
Resolving Dependencies
--> Running transaction check
--> Package php.x86_64 0:5.4.16-46.amzn2.0.2 will be installed
--> Processing Dependency: php-cli(x86-64) = 5.4.16-46.amzn2.0.2 for package: ph
p-5.4.16-46.amzn2.0.2.x86_64
--> Processing Dependency: php-common(x86-64) = 5.4.16-46.amzn2.0.2 for package:
php-5.4.16-46.amzn2.0.2.x86_64
--> Running transaction check
--> Package php-cli.x86_64 0:5.4.16-46.amzn2.0.2 will be installed
--> Package php-common.x86_64 0:5.4.16-46.amzn2.0.2 will be installed
--> Processing Dependency: libbz2.so.1.0(64bit) for package: php-common-5.4.16-4
6.amzn2.0.2.x86_64
--> Running transaction check
--> Package libzip010-compat.x86_64 0:0.10.1-9.amzn2.0.5 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
| Package           | Arch | Version      | Repository | Size |
=====
| Installing:      |       |              |            |       |
| php               | x86_64 | 5.4.16-46.amzn2.0.2 | amzn2-core | 1.4 M |
| Installing for dependencies: |       |              |            |       |
| libzip010-compat | x86_64 | 0.10.1-9.amzn2.0.5 | amzn2-core | 30 k  |
| php-cli           | x86_64 | 5.4.16-46.amzn2.0.2 | amzn2-core | 2.8 M |
| php-common        | x86_64 | 5.4.16-46.amzn2.0.2 | amzn2-core | 563 k |

Transaction Summary
=====
Install 1 Package (+3 Dependent packages)

Total download size: 4.7 M
Installed size: 17 M
Is this ok [y/N]: y
Downloading packages:
(1/4): libzip010-compat-0.10.1-9.amzn2.0.5.x86_64.rpm | 30 kB  00:00
(2/4): php-5.4.16-46.amzn2.0.2.x86_64.rpm          | 1.4 MB  00:00
(3/4): php-cli-5.4.16-46.amzn2.0.2.x86_64.rpm       | 2.8 MB  00:00
(4/4): php-common-5.4.16-46.amzn2.0.2.x86_64.rpm     | 563 kB  00:00
Total                                         23 MB/s | 4.7 MB  00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : libzip010-compat-0.10.1-9.amzn2.0.5.x86_64
1/4
```

ec2-user@ip-172-31-23-81:~\$ composer install

Setting up swap space version 1, size = 1024 MiB (1073737728 bytes)
no label, UUID=abec8cb-9d6e-4ac3-a97-3adb3b38237f
[ec2-user@ip-172-31-23-81 face]\$ sudo /sbin/swapon /var/swap.1
swapon: /var/swap.1: insecure permissions 0644, 0600 suggested.
[ec2-user@ip-172-31-23-81 face]\$ sudo php -d memory_limit=-1 ./composer.phar require aws/aws-sdk-php
Using version ^3.0 for aws/aws-sdk-php
./composer.phar 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 (2.0.31): 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
aws/aws-sdk-php suggests installing doctrine/cache (Adds support for caching of credentials)
aws/aws-sdk-php suggests installing ext-apc (Allows service description opcode caching, reduces memory usage)
aws/aws-sdk-php suggests installing monolog/monolog (Adds support for logging HTTP requests)
aws/aws-sdk-php suggests installing symfony/yaml (Eases the ability to write manifests for services)
Package guzzle/guzzle is abandoned, you should avoid using it. Use guzzlehttp/guzzle instead.

Writing lock file
Generating autoload files
(ec2-user@ip-172-31-23-81 face)\$

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

Private DNS ip-172-31-23-81.us-east-2.compute.internal
Private IPs 172.31.23.81

Secondary private IPs VPC IN vnic_96a93dad

Availability zone us-east-2b
Security groups launch-wizard-1, view inbound rules, view outbound rules
Scheduled events No scheduled events
AMI ID ami-00000000000000000000000000000000

PHP file:

```
ec2-user@ip-172-31-23-81:~$ php upload_and_detect_faces.php
```

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

$bucket = 'aws-webinar-shibin';
$keyname = 'sample.jpg';

$s3 = S3Client::factory([
    '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-write'
    ]);

    // Print the URL to the object.
    $imageUrl = $result['ObjectURL'];
    if($imageUrl) {
        echo "Image upload done... Here is the URL: " . $imageUrl;

        $rekognition = new RekognitionClient([
            'region'      => 'us-east-2',
            'version'     => 'latest',
        ]);

        $result = $rekognition->detectFaces([
            'Attributes'  => ['DEFAULT'],
            'Image'       => [
                'S3Object' => [
                    'Bucket'  => $bucket,
                    'Name'    => $keyname,
                    'Key'     => $keyname,
                ],
            ],
        ]);

        echo "Totally there are " . count($result["FaceDetails"]) . " faces";
    }
} catch (Exception $e) {
    echo $e->getMessage() . PHP_EOL;
}
```

S3 Management Console 7-Day Free Masterclass | Day 6

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

Shibin Joseph Global Support

Amazon S3 > aws-webinar-shibin

aws-webinar-shibin

Overview Properties

Type a prefix and press Enter to search

Upload Create folder Down

Name index.html Mar 29, 2020 9:21:49 PM GMT+0530 12.0 B Standard

Name sample.jpg Apr 2, 2020 1:33:03 PM GMT+0530 210.5 KB Standard

US East (Ohio) Viewing 1 to 2

Storage class

Viewing 1 to 2



Rekognition:

Feedback English (US)

Rekognition Console 7-Day Free Masterclass | Day 7

Shibin Joseph 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
- Download SDKs

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

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

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Windows taskbar showing various pinned icons and the date 02-04-2020.

Rekognition Console 7-Day Free Masterclass | Day 7

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

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Type here to search

Done with the demo? Learn more

Celebrity recognition

Rekognition automatically recognizes celebrities in images and provides confidence scores.



Match confidence 100 %

Results

Jeff Bezos Learn More

Request Response

Choose a sample image Use your own image

Upload or drag and drop

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Rekognition Console 7-Day Free Masterclass | Day 7

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

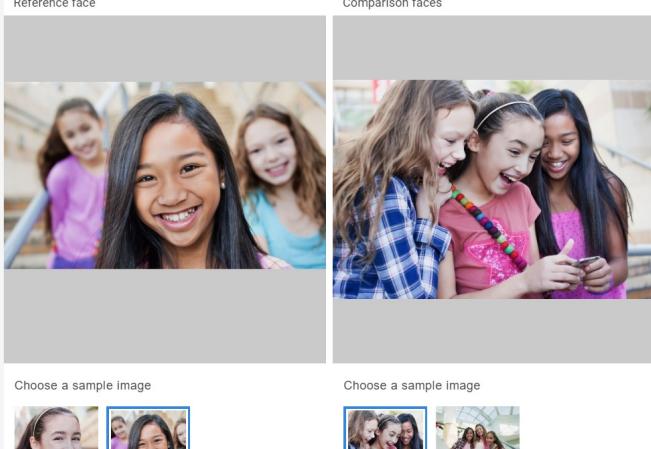
Feedback English (US)

Type here to search

Done with the demo? Learn more

Face comparison

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



Reference face Comparison faces

Choose a sample image Choose a sample image

Similarity 99.9 %

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Rekognition Console 7-Day Free Masterclass | Day 7

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

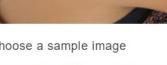
aws Services Resource Groups

Facial analysis

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



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

Results

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

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

Request

The screenshot shows the AWS EC2 Management Console with a terminal window open on an instance named 'i-0bf7249e91dace729'. The terminal output shows the user running a Composer update command, which installs several packages including GuzzleHttp and Symfony components. The user also installs the AWS SDK for PHP. The terminal session ends with the user navigating to a sample application URL.

```
composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 7 installs, 1 update, 0 removals
- Installing symfony/polyfill-mbstring (v1.15.0): Downloading (100%)
- Installing mtowdning/laravel-mpath.php (2.0.0): Downloading (100%)
- Installing guzzlehttp/promises (v1.1.1): Downloading (100%)
- Installing guzzlehttp/guzzle (v7.0.1): Downloading (100%)
- Installing psr/http-message (v1.0.1): Downloading (100%)
- Installing guzzlehttp/promise (1.6.1): Downloading (100%)
- Installing guzzlehttp/guzzle (6.5.2): Downloading (100%)
- Updating aws/aws-sdk-php (2.0.31 => 3.1.13.1): Downloading (100%)
guzzlehttp/promises suggests installing zendframework/zend-httphandlerrunner (Emits PSR-7 responses)
guzzlehttp/guzzle suggests installing psr/log (Required for using the Log middleware)
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.
Writing lock file
Generating autoload files
A package you are using is looking for funding.
Use the composer fund command to find out more!
[ec2-user@ip-172-31-23-81 face]$ sudo php index.php
Image upload done... Here is the URL: https://aws-webinar-shibin.s3.us-east-2.amazonaws.com/sample.
[ec2-user@ip-172-31-23-81 face]$
```

Dashboards:

The screenshot shows the AWS EC2 Dashboard. On the left, there's a sidebar with navigation links like EC2 Dashboard, Events, Tags, Reports, Limits, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, AMIs, Bundle Tasks, and Elastic Block Store. The main area has a section titled "Resources" with a table showing the count of various EC2 resources: Running instances (1), Dedicated Hosts (0), Volumes (1), Key pairs (1), Placement groups (0), Elastic IPs (0), Snapshots (0), Load balancers (0), and Security groups (2). Below this is a callout box with a link to "Launch Wizard for SQL Server". To the right, there's a "Service health" section and a sidebar for "Account attributes" which includes supported platforms (VPC), default VPC (vpc-86e83ded), console experiments, and settings. A "Explore AWS" sidebar on the far right offers links to launch third-party AMI products and save with AMD EPYC-powered EC2 instances.



The screenshot shows the AWS S3 Management Console. The left sidebar includes "Feedback", "English (US)", "Buckets", "Batch operations", "Access analyzer for S3", "Block public access (account settings)", and "Feature spotlight". The main area displays a "Buckets (1)" table with one entry: Name (aws-webinar-shibin), Region (US East (Ohio) us-east-2), Access (Objects can be public), and Bucket created (2020-03-29T15:39:40.000Z). A blue banner at the top states: "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." The bottom of the screen shows the Windows taskbar with the same set of open windows and system status.



Amazon Rekognition

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Deep learning-based visual analysis service

Search, verify, and organize millions of images and videos

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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

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.

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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

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shibin340@gmail.com

Next

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https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/SQLtoNoSQL.html?sc...

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