

AWS PROJECT

NAME: GNANA SAI SAKETH GOGADA

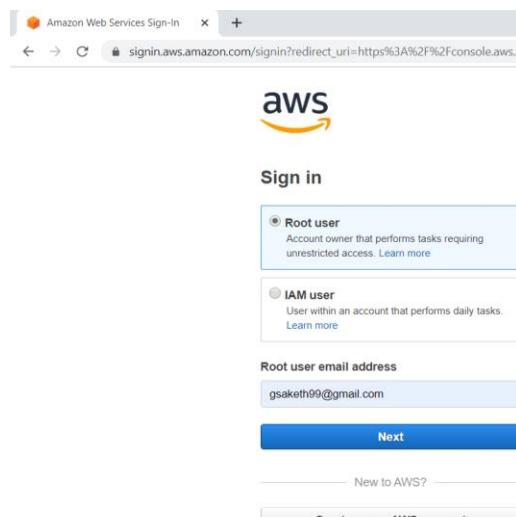
COLLEGE: VIT, VELLORE.

BRANCH: MECHANICAL

DATE: 03-04-2020

DASHBOARD SCREENSHOTS:

1

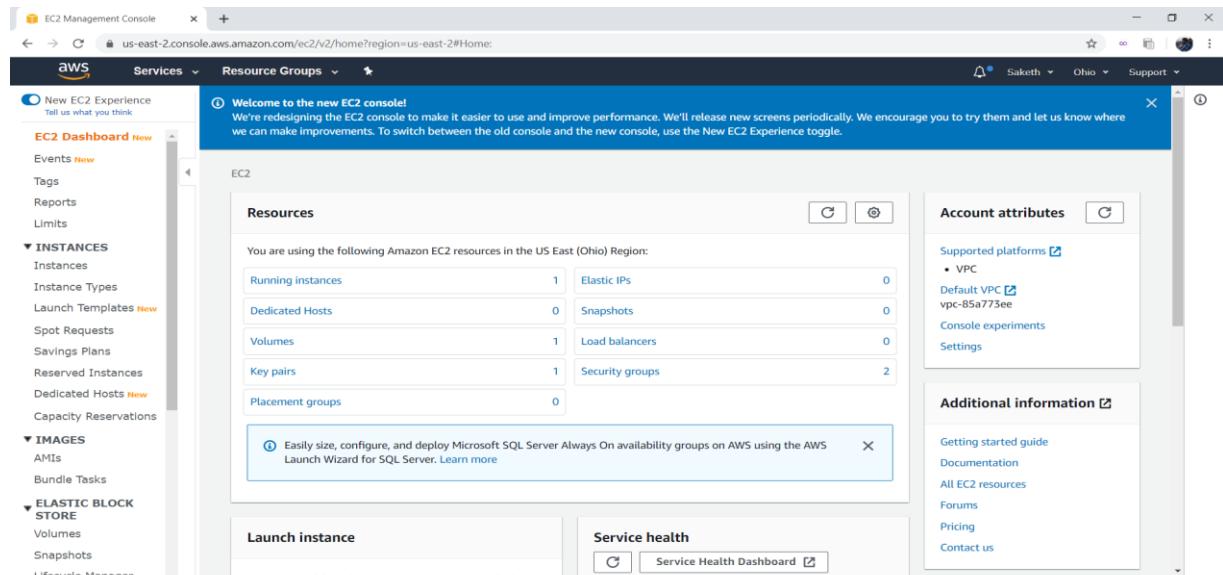


The screenshot shows the AWS Sign-in page. It has two radio button options: "Root user" (selected) and "IAM user". Below each option is a brief description. A text input field contains the email address "gsaketh99@gmail.com". A blue "Next" button is at the bottom. To the right of the sign-in form is a promotional banner for "Aurora PostgreSQL Global Database Now Available". The banner features a globe with database icons and text about creating a database that spans multiple AWS regions.

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English

2 EC2 Dashboard



The screenshot shows the AWS EC2 Management Console dashboard for the US East (Ohio) Region. On the left, a navigation sidebar lists services like Instances, AMIs, and Elastic Block Store. The main area displays EC2 resources: 1 Running instance, 0 Dedicated Hosts, 1 Volume, 1 Key pair, 0 Placement groups, 0 Elastic IPs, 0 Snapshots, 0 Load balancers, and 2 Security groups. A callout box provides information about launching Microsoft SQL Server Always On availability groups. The right side of the screen shows account attributes (Supported platforms: VPC), additional information (Getting started guide, Documentation, All EC2 resources, Forums, Pricing, Contact us), and service health status.

Feedback English (US)

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3 S3 Dashboard

The screenshot shows the AWS S3 Management Console. On the left, there's a sidebar with options like 'Buckets', 'Batch operations', 'Access analyzer for S3', and 'Block public access (account settings)'. A 'Feature spotlight' section is also present. The main area is titled 'Amazon S3' and shows a table with one row: 'No buckets'. It includes a search bar, buttons for 'Copy ARN', 'Empty', 'Delete', and 'Create bucket', and a note about console updates.

4 Rekognition Dashboard

The screenshot shows the AWS Rekognition Console. The left sidebar lists various services: 'Custom Labels', 'Demos', 'Image moderation', 'Facial analysis', 'Celebrity recognition', 'Face comparison', 'Text in image', 'Video Demos', 'Metrics', 'Additional Resources', 'Download SDKs', and 'Developer resources'. The main content area features a large banner for 'Amazon Rekognition' with the subtext 'Deep learning-based visual analysis service' and 'Search, verify, and organize millions of images and videos'. It includes a 'Try Demo' button and a 'Download SDKs' button. Below the banner, there are three sections: 'Easily Integrate Powerful Visual Analysis into Your App', 'Continuously Learning', and 'Integrated with AWS Services'. Each section contains descriptive text and small icons. At the bottom, there's a feedback link and a note about copyright.

Screenshots needed for EC2

1 Choosing an AMI

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)
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 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 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
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes
Select 64-bit (x86) 64-bit (Arm)

SUSE Linux Enterprise Server 15 SP1 (HVM), SSD Volume Type - ami-04c5bab51cc146925 (64-bit x86) / ami-02e73902018018171 (64-bit Arm)
SUSE Linux Enterprise Server 15 Service Pack 1 (HVM) FRS General Purpose (SSD) Volume Type Public Cloud Advanced Systems Management Web and Scripting
Select

2

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	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
<input type="checkbox"/>	General purpose	t3a.micro	2	1	EBS only	Yes	Up to 5 Gigabit	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

Feedback English (US)

3 STORAGE

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	/dev/xvda	snap-0f54692056aaa4c20	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

[Add New Volume](#)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Tags](#)

[Feedback](#) [English \(US\)](#)

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4 SECURITY GROUP

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

Assign a security group: Create a new security group Select an existing security group

Security group name:

Description:

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

[Add Rule](#)

Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

[Cancel](#) [Previous](#) [Review and Launch](#)

[Feedback](#) [English \(US\)](#)

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5 KEYPAIR DOWNLOAD

Keypair downloaded as pem (leftside below)

6 Conversion to ppk

7 Logged in EC2

Instances | EC2 Management Con... + New EC2

Services Resource Groups

New EC2 [ec2-user@ip-172-31-33-33 ~]\$ sudo service httpd start
Redirecting to /bin/systemctl start httpd.service
[ec2-user@ip-172-31-33-33 ~]\$ 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...
 Active: active (running) since Wed 2020-04-01 14:19:35 UTC; 19s ago
 Docs: man:httpd.service(8)
 Main PID: 784 (httpd)
 Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes se...
 Limits rved/sec: 0 B/sec"
 Group: /system.slice/httpd.service
 -784 /usr/sbin/httpd -DFOREGROUND
 -785 /usr/sbin/httpd -DFOREGROUND
 -786 /usr/sbin/httpd -DFOREGROUND
 -787 /usr/sbin/httpd -DFOREGROUND
 -788 /usr/sbin/httpd -DFOREGROUND
 -789 /usr/sbin/httpd -DFOREGROUND

Events New Tags Reports Limits

INSTANCES Instances

Instance Type Launch Type

Spot Requests Apr 01 14:19:35 ip-172-31-33-33.us-east-2.compute.internal systemd[1]: Start...
Apr 01 14:19:35 ip-172-31-33-33.us-east-2.compute.internal systemd[1]: Start...
Savings Plan Hint: Some lines were ellipsized, use -l to show in full.
[ec2-user@ip-172-31-33-33 ~]\$

Reserved Instances Dedicated Hosts New Capacity Reservations

IMAGES AMIs Bundle Tasks

ELASTIC BLOCK STORE Volumes

Feedback English (US)

Instance: i-06af133267a70837e Public DNS: ec2-18-221-163-84.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID: i-06af133267a70837e	Public DNS (IPv4): ec2-18-221-163-84.us-east-2.compute.amazonaws.com
Instance state: running	IPv4 Public IP: 18.221.163.84
Instance type: t2.micro	IPv6 IPs: -
Finding: Opt-in to AWS Compute Optimizer for recommendations.	Elastic IPs: Learn more

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3 Screenshots for S3

1 Creating a bucket

S3 Management Console Ethnus Codemithra s3.console.aws.amazon.com/s3/bucket/create?region=us-east-2

Services Resource Groups

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 > Create bucket

Create bucket

General configuration

Bucket name: AWS-saketh
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

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](#)

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

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

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2 Uploading an Object

S3 Management Console

Services Resource Groups

Amazon S3 > aws-saketh

aws-saketh

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)

Name	Last modified	Size	Storage class
index.html	Apr 2, 2020 9:16:18 PM GMT+0530	35.0 B	Standard

Viewing 1 to 1

Operations 0 In progress 1 Success 0 Error

Feedback English (US) Privacy Policy Terms of Use

3 STATIC WEBSITE ENABLE

S3 Management Console

Services Resource Groups

aws-saketh

Properties

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-saketh.s3-website.us-east-2.amazonaws.com

Use this bucket to host a website Learn more

Index document index.html

Error document error.html

Redirection rules (optional)

Redirect requests Learn more

Disable website hosting

Disabled

Cancel Save

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4 Making the Object Public

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

Feedback English (US)

S3 Management Console 403 Forbidden

Amazon S3 > aws-saketh > index.html

index.html Latest version ▾

Overview Properties Permissions Select from

Open Download Download as Make public Copy path

Owner
6f432bdf875d7e09a3abba55e5bf0d42491b91c2f7ebf921b89b2665f0068647

Last modified
Apr 2, 2020 9:16:18 PM GMT+0530

Etag
3c5a2dcf9f9868bd01815eb0782cd44

Storage class
Standard

Server-side encryption
None

Size
35.0 B

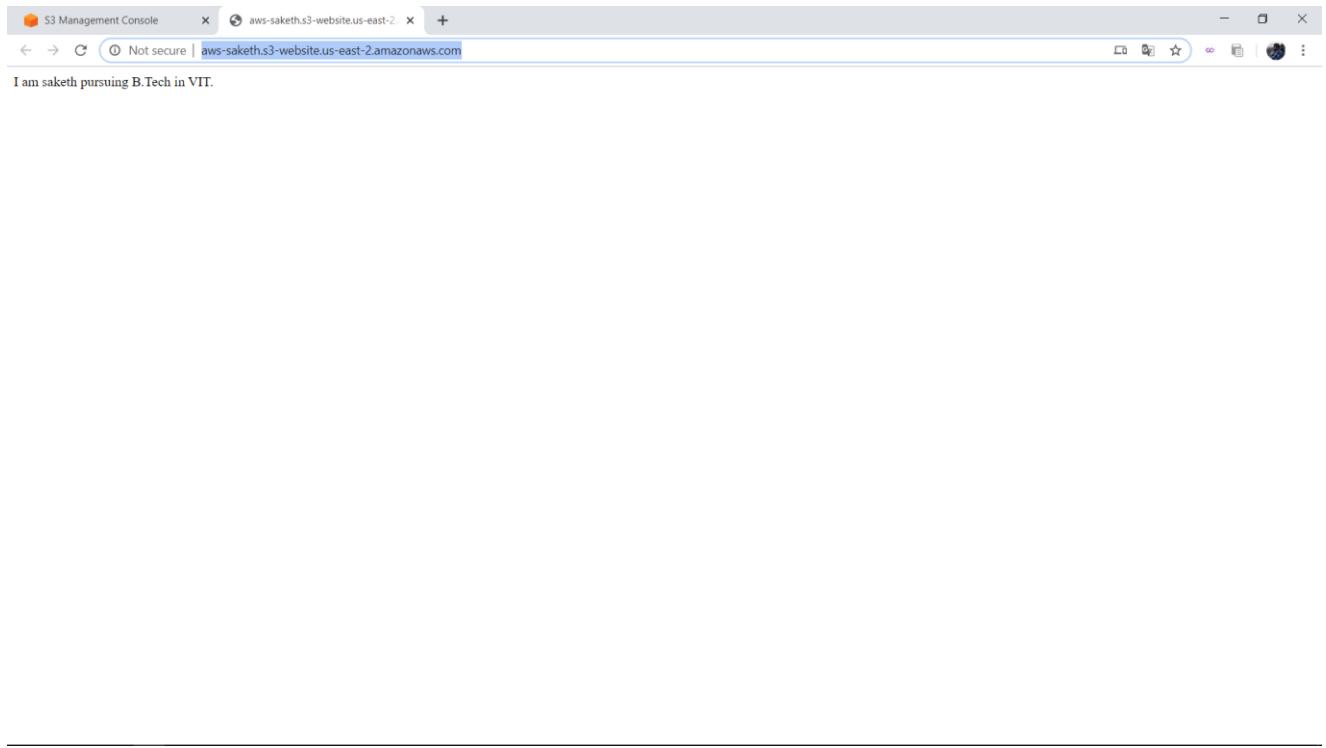
Key
index.html

Object URL
<https://aws-saketh.s3.us-east-2.amazonaws.com/index.html>

Operations 0 In progress 1 Success 0 Error

Feedback English (US)

5 Checking the S3 link on the browser



4 Screenshots needed for Rekog

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

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

Results

Choose a sample image

Use your own image

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

Upload or drag and drop

Use image URL

Go

Feedback English (US)

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Rekognition Console saketh9910/aws-saketh

Services Resource Groups

Amazon Rekognition

Custom Labels New

Use Custom Labels

Demos

Object and scene detection

Image moderation

Facial analysis

Celebrity recognition

Face comparison

Text in image

Video Demos

Video analysis

Metrics

Metrics

Additional Resources

Getting started guide

Download SDKs

Developer resources

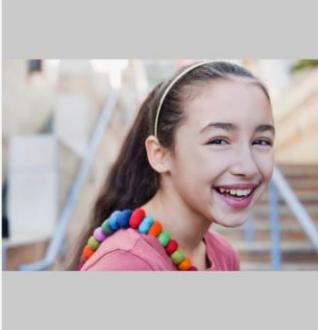
Feedback English (US)

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

Face comparison

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

Reference face

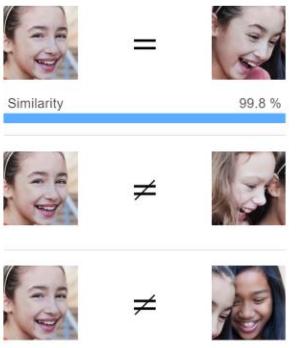


Comparison faces



Results

Similarity 99.8 %



Request

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Rekognition Console saketh9910/aws-saketh G sachin images - Google Search sachin-tendulkar.jpg (643x482)

Services Resource Groups

Amazon Rekognition

Custom Labels New

Use Custom Labels

Demos

Object and scene detection

Image moderation

Facial analysis

Celebrity recognition

Face comparison

Text in image

Video Demos

Video analysis

Metrics

Metrics

Additional Resources

Getting started guide

Download SDKs

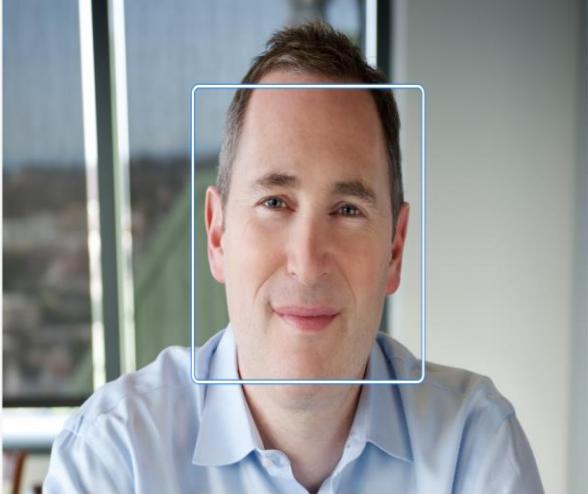
Developer resources

Feedback English (US)

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

Celebrity recognition

Rekognition automatically recognizes celebrities in images and provides confidence scores.



Results

Andy Jassy

Match confidence 100 %

Request

Response

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

sachin-tendulkar.jpg

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The screenshot shows the Amazon Rekognition Text in image demo interface. On the left, there's a sidebar with various options like Custom Labels, Demos, Metrics, and Additional Resources. The main area displays a sample image of a red mug with a smiley face and text overlays. The results panel on the right shows the detected text: 'IT'S', 'MONDAY', 'but keep', and 'Smiling'.

Screenshots needed for EC2 & S3

1 Php installation

The screenshot shows the AWS EC2 Management Console. The left sidebar shows the Instances section with various filters and actions. The main area shows the details for instance i-06af133267a70837e. A terminal window is open, showing the output of a command to install PHP on an Amazon Linux 2 AMI. The instance details table shows information like Public DNS, Instance ID, Instance state, and Instance type.

2 Installing aws-sdk

Instances | EC2 Management Console

EC2 Dashboard New

Events New

Tags

Reports

Limits

INSTANCES

Instances

Instance Types

Launch Templates New

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts New

Capacity Reservations

IMAGES

AMIs

Bundle Tasks

ELASTIC BLOCK STORE

Volumes

Snapshots

Lifecycle Manager

Feedback English (US)

Copy to clipboard

Instance: i-06af133267a70837e Public DNS: ec2-18-221-163-84.us-east-2.compute.amazonaws.com

Description	Status Checks	Monitoring	Tags
Instance ID: i-06af133267a70837e	Instance state: running	Instance type: t2.micro	Finding: Opt-in to AWS Compute Optimizer for recommendations.
			Learn more

Public DNS (IPv4): ec2-18-221-163-84 IPv4 Public IP: 18.221.163.84 IPv6 IPs: - Elastic IPs: -

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3 index.php code

Instances | EC2 Management Console

EC2 Dashboard New

Events New

Tags

Reports

Limits

INSTANCES

Instances

Instance Types

Launch Templates New

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts New

Capacity Reservations

IMAGES

AMIs

Bundle Tasks

ELASTIC BLOCK STORE

Volumes

Snapshots

Lifecycle Manager

Feedback English (US)

Copy to clipboard

Instance: i-06af133267a70837e Public DNS: ec2-18-221-163-84.us-east-2.compute.amazonaws.com

Description	Status Checks	Monitoring	Tags
Instance ID: i-06af133267a70837e	Instance state: running	Instance type: t2.micro	Finding: Opt-in to AWS Compute Optimizer for recommendations.
			Learn more

Public DNS (IPv4): ec2-18-221-163-84 IPv4 Public IP: 18.221.163.84 IPv6 IPs: - Elastic IPs: -

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4 success screenshot

S3 Management Console cricket - Google Search 10india-bcc1.jpg (670x429)

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

AWS Services Resource Groups

Amazon S3 > aws-saketh

aws-saketh

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 2

Name	Last modified	Size	Storage class
index.html	Apr 2, 2020 9:16:18 PM GMT+0530	35.0 B	Standard
sak.jpg	Apr 2, 2020 11:14:30 PM GMT+0530	37.9 KB	Standard

Viewing 1 to 2

Operations 0 In progress 1 Success 0 Error

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