

AWS Management Console

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

Services ▾ Resource Groups ▾

History

Console Home

EC2

Billing

Compute

- EC2
- Lightsail
- Lambda
- Batch
- Elastic Beanstalk
- Serverless Application Repository
- AWS Outposts
- EC2 Image Builder

Storage

- S3
- EFS
- FSx
- S3 Glacier
- Storage Gateway
- AWS Backup

Database

- RDS
- DynamoDB

Blockchain

- Amazon Managed Blockchain

Satellite

- Ground Station

Quantum Technologies

- Amazon Braket

Management & Governance

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- CloudWatch
- AWS Auto Scaling
- CloudFormation
- CloudTrail
- Config
- OpsWorks
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- Systems Manager
- AWS AppConfig
- Trusted Advisor

Analytics

- Athena
- EMR
- CloudSearch
- Elasticsearch Service
- Kinesis
- QuickSight
- Data Pipeline
- AWS Data Exchange
- AWS Glue
- AWS Lake Formation
- MSK

End User Computing

- WorkSpaces
- AppStream 2.0
- WorkDocs
- WorkLink

Internet Of Things

- IoT Core
- FreeRTOS
- IoT 1-Click
- IoT Analytics
- IoT Device Defender
- IoT Device Management
- IoT Events
- IoT Greengrass
- IoT SiteWise
- IoT Things Graph

Security, Identity, & Compliance

- IAM
- Resource Access Manager
- Cognito
- Secrets Manager
- GuardDuty
- Inspector
- Amazon Macie
- AWS Single Sign-On

Game Development

- Amazon GameLift

Amazon CloudWatch. Get started

Group A-Z

close

This screenshot shows the AWS Management Console Services page. The top navigation bar includes links for 'AWS Management Console', 'Services' (selected), 'Resource Groups' (selected), and account information for 'SHRIKANT' (Ohio, Support). On the left, there's a sidebar with 'History' and 'Console Home' buttons, followed by three main service categories: 'Compute', 'Storage', and 'Database'. Under 'Compute', services like EC2, Lightsail, Lambda, Batch, Elastic Beanstalk, Serverless Application Repository, AWS Outposts, and EC2 Image Builder are listed. Under 'Storage', S3, EFS, FSx, S3 Glacier, Storage Gateway, and AWS Backup are shown. Under 'Database', RDS and DynamoDB are listed. To the right, a grid of service icons and names is displayed in four columns: 'Blockchain' (Amazon Managed Blockchain), 'Analytics' (Athena, EMR, CloudSearch, Elasticsearch Service, Kinesis, QuickSight, Data Pipeline, AWS Data Exchange, AWS Glue, AWS Lake Formation, MSK), 'End User Computing' (WorkSpaces, AppStream 2.0, WorkDocs, WorkLink), and 'Internet Of Things' (IoT Core, FreeRTOS, IoT 1-Click, IoT Analytics, IoT Device Defender, IoT Device Management, IoT Events, IoT Greengrass, IoT SiteWise, IoT Things Graph). Below these are 'Management & Governance' (AWS Organizations, CloudWatch, AWS Auto Scaling, CloudFormation, CloudTrail, Config, OpsWorks, Service Catalog, Systems Manager, AWS AppConfig, Trusted Advisor) and 'Security, Identity, & Compliance' (IAM, Resource Access Manager, Cognito, Secrets Manager, GuardDuty, Inspector, Amazon Macie, AWS Single Sign-On) services. At the bottom right, there's a link to 'Amazon CloudWatch. Get started'.

EC2 Management Console | PuTTYgen Download | Download PuTTY: latest release | +

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

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Services Resource Groups

New EC2 Experience Tell us what you think

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

Feedback English (US)

Resources

You are using the following Amazon EC2 resources in the US East (Ohio) Region:

Running instances	1	Elastic IPs	0
Dedicated Hosts	0	Snapshots	0
Volumes	1	Load balancers	0
Key pairs	1	Security groups	2
Placement groups	0		

Account attributes

Supported platforms [\[?\]](#)
• VPC

Default VPC [\[?\]](#)
vpc-3d25f056

Console experiments

Settings

Explore AWS

Easily launch third-party AMI products

AWS Marketplace has thousands of third-party AMI products that you can find, buy, and deploy with 1-click using the Amazon EC2 console.

[Learn more \[?\]](#)

Optimize your EC2 cost and performance with Spot Instances

Combine EC2 On-Demand, Spot, Savings Plans, and RIs in a single EC2 Auto Scaling Group to optimize EC2 performance and cost.

[Learn more \[?\]](#)

Launch instance

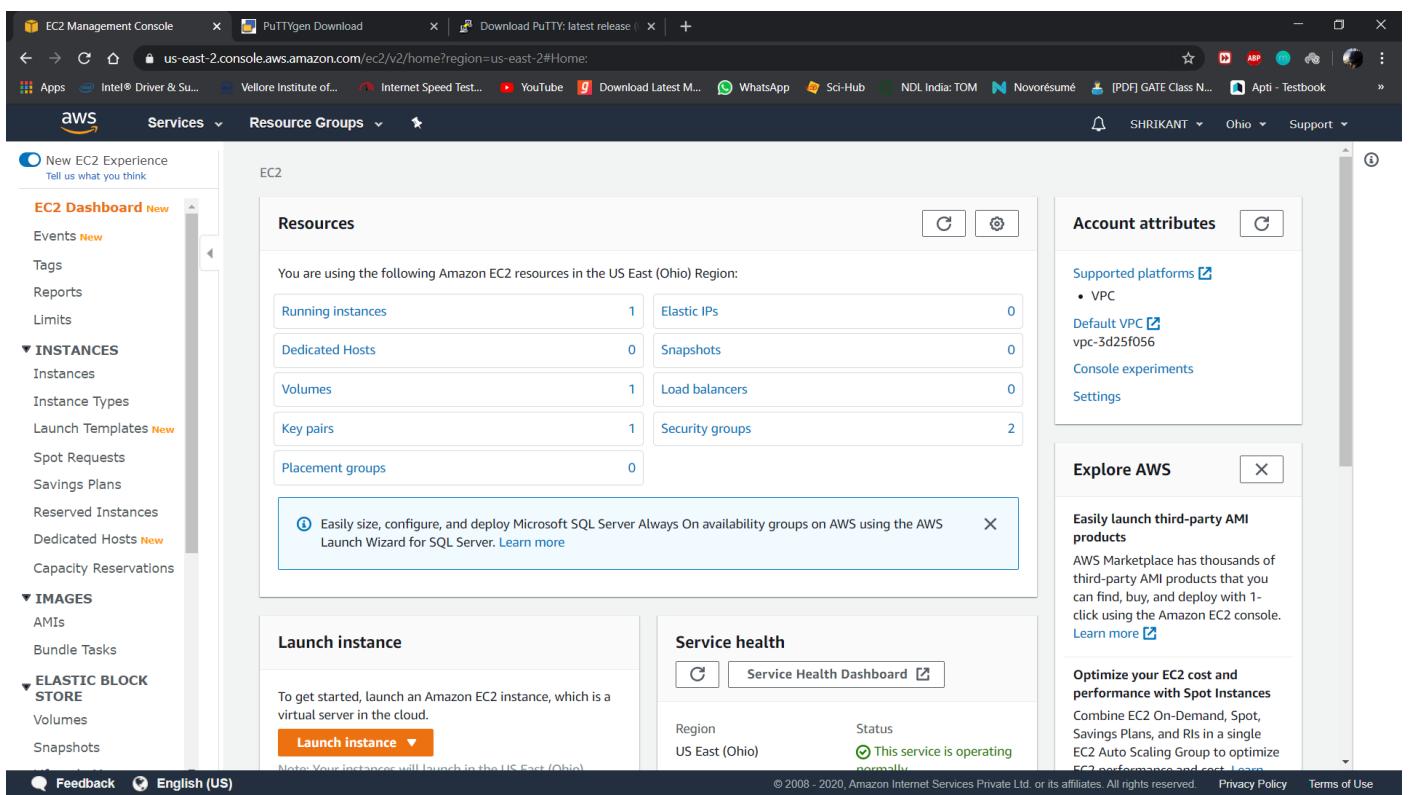
To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Launch instance ▾

Note: Your instances will launch in the US East (Ohio).

Region: US East (Ohio) Status: This service is operating normally.

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Dus Bahane-Dus S3 Management Console s3.console.aws.amazon.com/s3/home?region=us-east-2

aws Services Resource Groups

Buckets

Batch operations Access analyzer for S3

Block public access (account settings)

Feature spotlight 2

Successfully created bucket aws-shri-bucket To upload files and folders, or to configure additional bucket settings such as Bucket Versioning, tags, and default encryption, choose Go to bucket details.

Go to bucket details

Amazon S3

Buckets (1)

Name	Region	Access	Bucket created
aws-shri-bucket	US East (Ohio) us-east-2	Not Public	2020-03-30T17:36:51.000Z

Copy ARN Empty Delete Create bucket

Feedback English (US)

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The screenshot shows the AWS S3 Management Console interface. A green success message at the top indicates that a bucket named 'aws-shri-bucket' was successfully created. Below this, the 'Buckets' section displays one item: 'aws-shri-bucket'. The table provides details about the bucket, including its name, region (US East (Ohio)), access level (Not Public), and creation date (2020-03-30T17:36:51.000Z). Navigation buttons like 'Copy ARN', 'Empty', 'Delete', and 'Create bucket' are visible. The left sidebar includes links for 'Batch operations', 'Access analyzer for S3', and 'Block public access (account settings)'. The bottom navigation bar features 'Feedback' and language options ('English (US)').

Telegram Web Rekognition Console

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

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SHRIKANT 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

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 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 and accurate analysis available with easy-to-use.

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.

Integrated with AWS Services
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 video analysis on streams coming from Amazon.

Feedback English (US)

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Launch instance wizard | EC2 Management Console

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

Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 1: Choose an Amazon Machine Image (AMI)

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

AMIs	Description	Select
My AMIs	Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-0e01ce4ee18447327 (64-bit x86) / ami-03201f374ab66a26e (64-bit Arm)	<input checked="" type="button"/> Select
AWS Marketplace	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 checked="" type="radio"/> 64-bit (Arm)
Community AMIs	Root device type: ebs Virtualization type: hvm ENA Enabled: Yes	
Free tier only	Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-01b01bbd08f24c7a8	<input type="button"/> Select
	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.	64-bit (x86)
	Root device type: ebs Virtualization type: hvm ENA Enabled: Yes	
	Red Hat Enterprise Linux 8 (HVM), SSD Volume Type - ami-0520e698dd500b1d1 (64-bit x86) / ami-0099847d600887c9f (64-bit Arm)	<input type="button"/> Select
	Red Hat Enterprise Linux version 8 (HVM), EBS General Purpose (SSD) Volume Type	<input checked="" type="radio"/> 64-bit (x86) <input checked="" type="radio"/> 64-bit (Arm)
	Root device type: ebs Virtualization type: hvm ENA Enabled: Yes	
	SUSE Linux Enterprise Server 15 SP1 (HVM), SSD Volume Type - ami-04c5bah51cc146925 (64-bit x86) / ami-02e73902018018171 (64-bit Arm)	<input type="button"/> Select

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Launch instance wizard | EC2 Management Console

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

Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 2: Choose an Instance Type

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

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

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

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<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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Launch instance wizard | EC2 Manager

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

Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 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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Launch instance wizard | EC2 Manager

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

Services Resource Groups

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 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

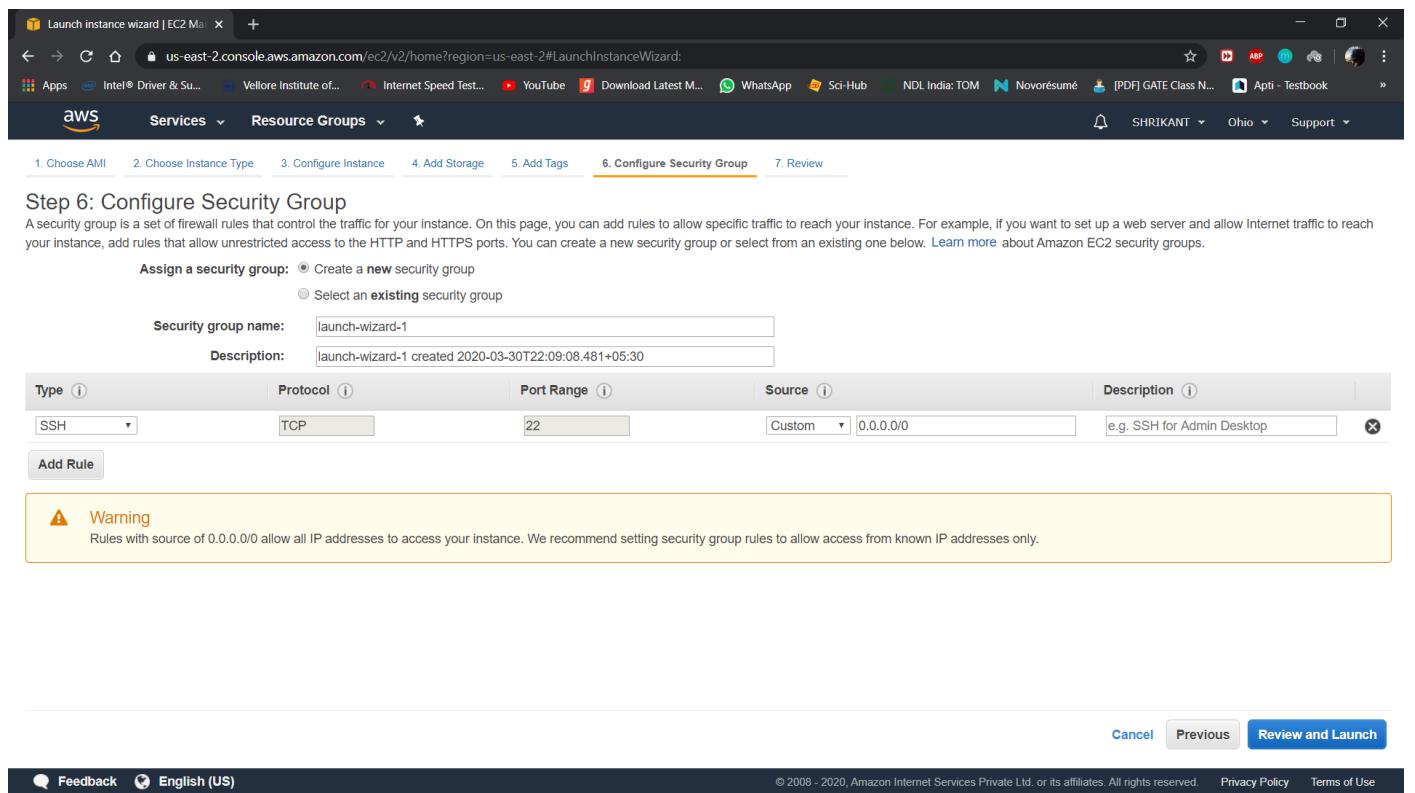
Add Rule

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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Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

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
aws-shri1

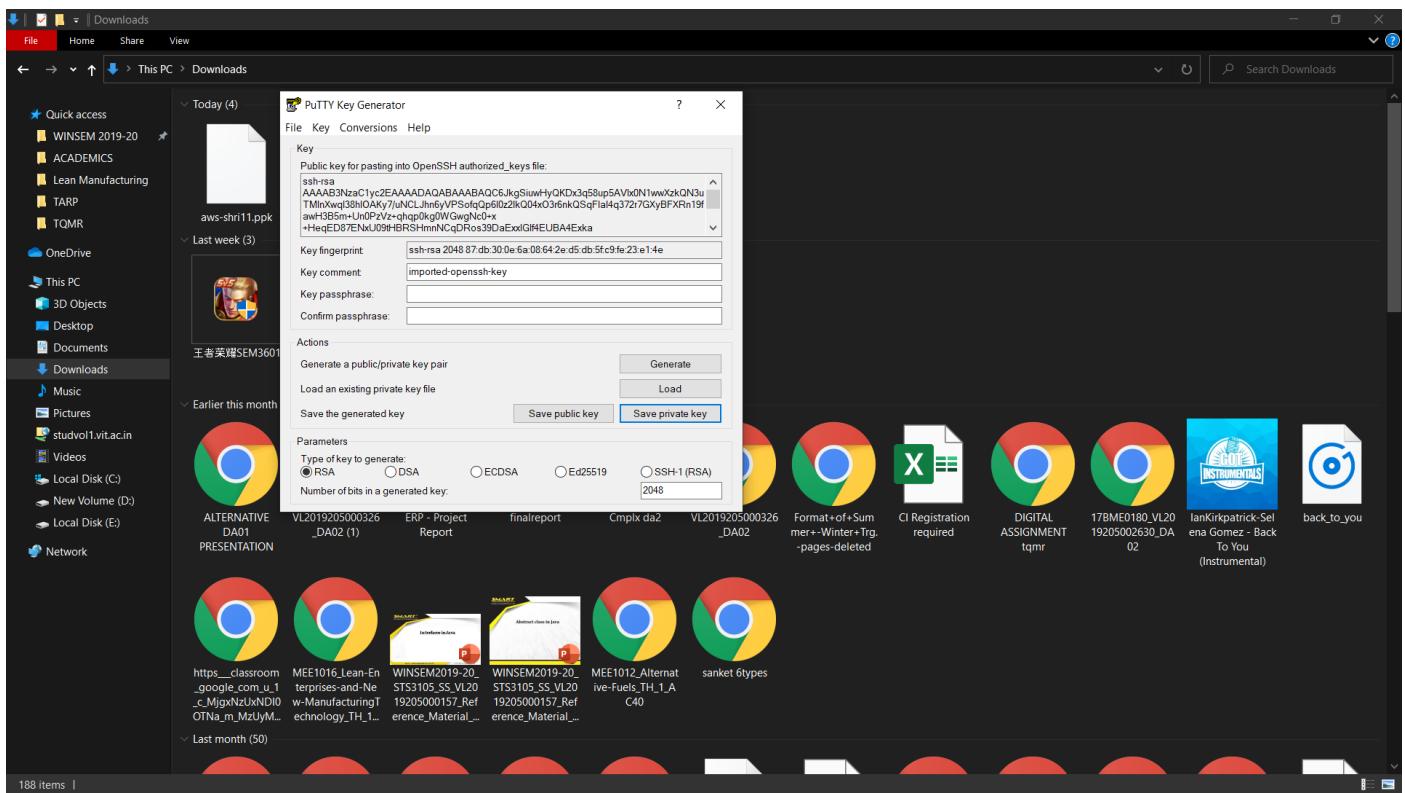
Download Key Pair

Info 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**

Feedback English (US) aws-shri1.pem Show all

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```
ec2-user@ip-172-31-17-101:~  
[ec2-user login as: ec2-user  
Authenticating with public key "imported-openssh-key"  
_ _| |_) / 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-172-31-17-101 ~]$
```

Dus Bahane-Dus S3 Management Console s3.console.aws.amazon.com/s3/home?region=us-east-2

aws Services Resource Groups

Amazon S3

Buckets

Batch operations

Access analyzer for S3

Block public access (account settings)

Feature spotlight 2

Successfully created bucket aws-shri-bucket

To upload files and folders, or to configure additional bucket settings such as Bucket Versioning, tags, and default encryption, choose Go to bucket details.

Go to bucket details

Amazon S3

Buckets (1)

Find bucket by name

Name Region Access Bucket created

Name	Region	Access	Bucket created
aws-shri-bucket	US East (Ohio) us-east-2	Not Public	2020-03-30T17:36:51.000Z

Copy ARN Empty Delete Create bucket

Feedback English (US)

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The screenshot shows the AWS S3 Management Console interface. A success message at the top indicates that a bucket named 'aws-shri-bucket' has been successfully created. Below this, a table lists the single bucket with its details: Name (aws-shri-bucket), Region (US East (Ohio) us-east-2), Access (Not Public), and Bucket created (2020-03-30T17:36:51.000Z). The interface includes navigation buttons for 'Copy ARN', 'Empty', 'Delete', and 'Create bucket'.

Dus Bahane-Dus S3 Management Console s3.console.aws.amazon.com/?region=us-east-2

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SHRIKANT Global Support

aws Services Resource Groups

Amazon S3 > aws-shri-bucket

aws-shri-bucket

Overview Properties 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	Mar 30, 2020 11:11:40 PM GMT+0530	80.0 B	Standard

Viewing 1 to 1

Operations 0 In progress 1 Success 0 Error

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The screenshot shows the AWS S3 Management Console interface. At the top, there's a navigation bar with links for various services like Apps, Intel® Driver & Su..., and a search bar. Below that is the AWS logo and a navigation menu with 'Services' and 'Resource Groups'. The main content area shows a breadcrumb trail 'Amazon S3 > aws-shri-bucket'. The bucket name 'aws-shri-bucket' is displayed prominently. Below it is a navigation bar with tabs: 'Overview' (which is selected), 'Properties', 'Permissions', 'Management', and 'Access points'. A search bar is present below the tabs. The main content area displays a table of files. The table has columns for 'Name', 'Last modified', 'Size', and 'Storage class'. There is one item in the table: 'index.html' with a size of '80.0 B' and a storage class of 'Standard'. The last modified date is 'Mar 30, 2020 11:11:40 PM GMT+0530'. At the bottom of the page, there's a summary of operations (0 In progress, 1 Success, 0 Error), a feedback link, language settings ('English (US)'), and a copyright notice from 2008-2020.

S3 Management Console

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

Feedback English (US)

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Dus Bahane-Dus S3 Management Console 7-Day Free Masterclass | Day 5 +

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

Amazon S3 > aws-shri-bucket

aws-shri-bucket

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](#)

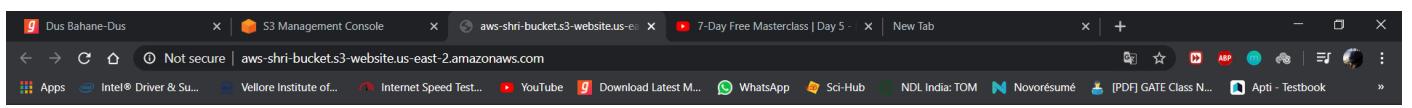
✓ Public access settings updated successfully

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

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Name : SHRIKANT PATIL Reg No : 17BME0180 Course : B.Tech. Branch : Mechanical

Telegram Web Rekognition Console New Tab

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

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SHRIKANT Ohio Support

aws Services Resource Groups

Facial analysis

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

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

▼ Results

	looks like a face	99.9 %
	appears to be male	99.5 %
	age range	22 - 34 years old
	not smiling	99.1 %
	appears to be calm	98.7 %
	wearing glasses	98.2 %
	not wearing sunglasses	82.3 %
	eyes are open	95.6 %

Choose a sample image Use your own image

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Feedback English (US)

Rekognition Console New Tab us-east-2.console.aws.amazon.com/rekognition/home?region=us-east-2#/face-comparison

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AWS Services Resource Groups SHRIKANT Ohio Support

Face comparison

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

Reference face



Comparison faces



Done with the demo? Learn more

Results

Similarity
99.5 %
≈
≈
≈
≈

Choose a sample image



Choose a sample image



FAQ Feedback English (US)

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Rekognition Console x +

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

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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

Additional Resources

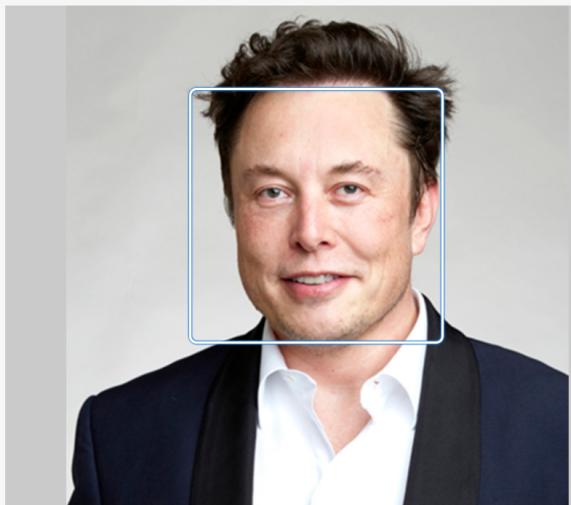
Getting started guide

Download SDKs

Choose a sample image Use your own image

Celebrity recognition

Rekognition automatically recognizes celebrities in images and provides confidence scores.



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

▼ Results

 **Elon Musk** [Learn More](#)

Match confidence 98 %

► Request

► Response

Feedback English (US)

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Rekognition Console quotes photo - Google Search +

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

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SHRIKANT Ohio Support

aws Services Resource Groups

Amazon Rekognition

Custom Labels New

Use Custom Labels

Demos

Object and scene detection

Image moderation

Facial analysis

Celebrity recognition

Face comparison

Text in image

Video Demos

Video analysis

Metrics

Metrics

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

Change	yoUR	thoughts		
and	you	change	your	world.
Norman	Vincent	Peale		

► 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.

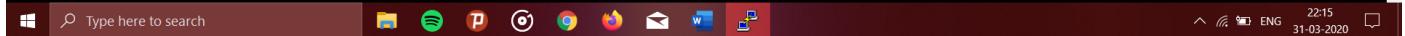
Upload or drag and drop

Use image URL Go

Feedback English (US)

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```
ec2-user@ip-172-31-17-101:/var/www/html/face
[ec2-user] login as: ec2-user
[ec2-user] Authenticating with public key "imported-openssh-key"
Last login: Tue Mar 31 16:19:07 2020 from 45.248.23.176
[ec2-user] ~ | ( ) Amazon Linux 2 AMI
[ec2-user] | \_ | _ |
[ec2-user] https://aws.amazon.com/amazon-linux-2/
[ec2-user] 1 package(s) needed for security, out of 7 available
[ec2-user] Run "sudo yum update" to apply all updates.
[ec2-user] [ip-172-31-17-101 ~]$ sudo yum install php
[ec2-user] Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
[ec2-user] amzn2-core
[ec2-user] Package php-5.4.16-46.amzn2.0.2.x86_64 already installed and latest version
[ec2-user] Nothing to do
[ec2-user] [ip-172-31-17-101 ~]$ curl -sS https://getcomposer.org/installer | php
[ec2-user] All settings correct for using Composer
[ec2-user] Downloading...
[ec2-user] Composer (version 1.10.1) successfully installed to: /home/ec2-user/composer.phar
[ec2-user] Use it: php composer.phar
[ec2-user] [ip-172-31-17-101 ~]$ cd /var/www/html
[ec2-user] [ip-172-31-17-101 html]$ cd face
[ec2-user] [ip-172-31-17-101 face]$ pwd
[ec2-user] /var/www/html/face
[ec2-user] [ip-172-31-17-101 face]$ sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php
[ec2-user] No composer.json in current directory, do you want to use the one at /var/www/html? [Y,n]? Y
[ec2-user] Using version 2.8 for aws/aws-sdk-php
[ec2-user] ./composer.json has been updated
[ec2-user] Loading composer repositories with package information
[ec2-user] Updating dependencies (including require-dev)
[ec2-user] Nothing to install or update
[ec2-user] Package guzzle/guzzle is abandoned, you should avoid using it. Use guzzlehttp/guzzle instead.
[ec2-user] Generating autoload files
[ec2-user] [ip-172-31-17-101 face]$
```



```
ec2-user@ip-172-31-17-101:~  
login as: ec2-user  
Authenticating with public key "imported-openssh-key"  
Last login: Tue Mar 31 09:33:42 2020 from 103.249.251.74  
  
[  ] ( [ - / ) 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-172-31-17-101 ~]$ sudo yum install php  
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd  
amzn2-core  
amzn2extra-docker  
Package php-5.4.16-46.amzn2.0.2.x86_64 already installed and latest version  
Nothing to do  
[ec2-user@ip-172-31-17-101 ~]$ | 2.4 kB 00:00:00  
| 1.8 kB 00:00:00  
  
Windows Taskbar icons: File Explorer, Spotify, Edge, Google Chrome, Firefox, Mail, File Manager, Word, and a search bar.  
System tray icons: Network, Battery, ENG, and Date/Time (21:49, 31-03-2020).
```

```
ec2-user@ip-172-31-17-101:~/var/www/html/face
use Aws\S3\S3Client;
use Aws\Rekognition\RekognitionClient;

$bucket = 'aws-shri-bucket';
$keyname = 'c.jpg';

$s3 = new S3Client([
    '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;
}
-- INSERT --
83,1 22:18 Bot
Type here to search 31-03-2020 ENG
```

```
ec2-user@ip-172-31-17-101:/var/www/html/face
Nothing to do
[ec2-user@ip-172-31-17-101 ~]$ 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-172-31-17-101 ~]$ cd /var/www/html
[ec2-user@ip-172-31-17-101 html]$ cd face
[ec2-user@ip-172-31-17-101 face]$ pwd
/var/www/html/face
[ec2-user@ip-172-31-17-101 face]$ sudo php -d memory_limit=-1 ~/composer.phar require aws/aws-sdk-php
No composer.json in current directory, do you want to use the one at /var/www/html? [Y,n]? Y
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-172-31-17-101 face]$ sudo wget https://in.hmscdn.com/nmcms/events/banner/desktop/media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg
--2020-03-31 16:59:37-- https://in.hmscdn.com/nmcms/events/banner/desktop/media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg
Resolving in.hmscdn.com (in.hmscdn.com)... 104.17.245.76, 104.17.246.76, 104.17.242.76, ...
Connecting to in.hmscdn.com (in.hmscdn.com)|104.17.245.76|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 100643 (98K) [image/jpg]
Saving to: 'media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg.2'

100%[=====] 100,643 --.-K/s in 0.02s
2020-03-31 16:59:38 (4.51 MB/s) - 'media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg.2' saved [100643/100643]

[ec2-user@ip-172-31-17-101 face]$ ls
c.jpg media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg.2
index.php media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg.1 vendor
[ec2-user@ip-172-31-17-101 face]$ sudo mv media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg c.jpg
[ec2-user@ip-172-31-17-101 face]$ ls
c.jpg index.php media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg.1 media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg.2 vendor
[ec2-user@ip-172-31-17-101 face]$ rm index.php
[ec2-user@ip-172-31-17-101 face]$ ls
c.jpg media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg.1 media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg.2 vendor
[ec2-user@ip-172-31-17-101 face]$ sudo vim index.php
[ec2-user@ip-172-31-17-101 face]$ sudo php index.php
PHP Warning: require_once(/var/www/html/face/vendor/autoload.php): failed to open stream: No such file or directory in /var/www/html/face/index.php on line 33
PHP Fatal error: require_once(): Failed opening required '/var/www/html/face/vendor/autoload.php' (include_path='.:/usr/share/pear:/usr/share/php') in /var/www/html/face/index.php on line 33

```

```
ec2-user@ip-172-31-17-101:~$ cd /var/www/html/face
ec2-user@ip-172-31-17-101:~/var/www/html/face$ pwd
/var/www/html/face
ec2-user@ip-172-31-17-101:~/var/www/html/face$ ls
c.jpg      k.jpg
composer.json  media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg.1
composer.lock  media-desktop-ipl-chennai-super-kings-2019-3-12-t-13-17-2.jpg.2
index.php    vendor
ec2-user@ip-172-31-17-101:~/var/www/html/face$ sudo vim index.php
[ec2-user@ip-172-31-17-101:~/var/www/html/face]$ sudo php index.php
PHP Catchable fatal error: Argument 1 passed to Aws\Common\Client\AbstractClient::__construct() must be an instance of Aws\Common\Credentials\CredentialsInterface, array given, called in /var/www/html/face/index.php on line 46 and defined in /var/www/html/face/vendor/aws/aws-sdk-php/src/Aws/Common/Client/AbstractClient.php on line 73
[ec2-user@ip-172-31-17-101:~/var/www/html/face]$
```