

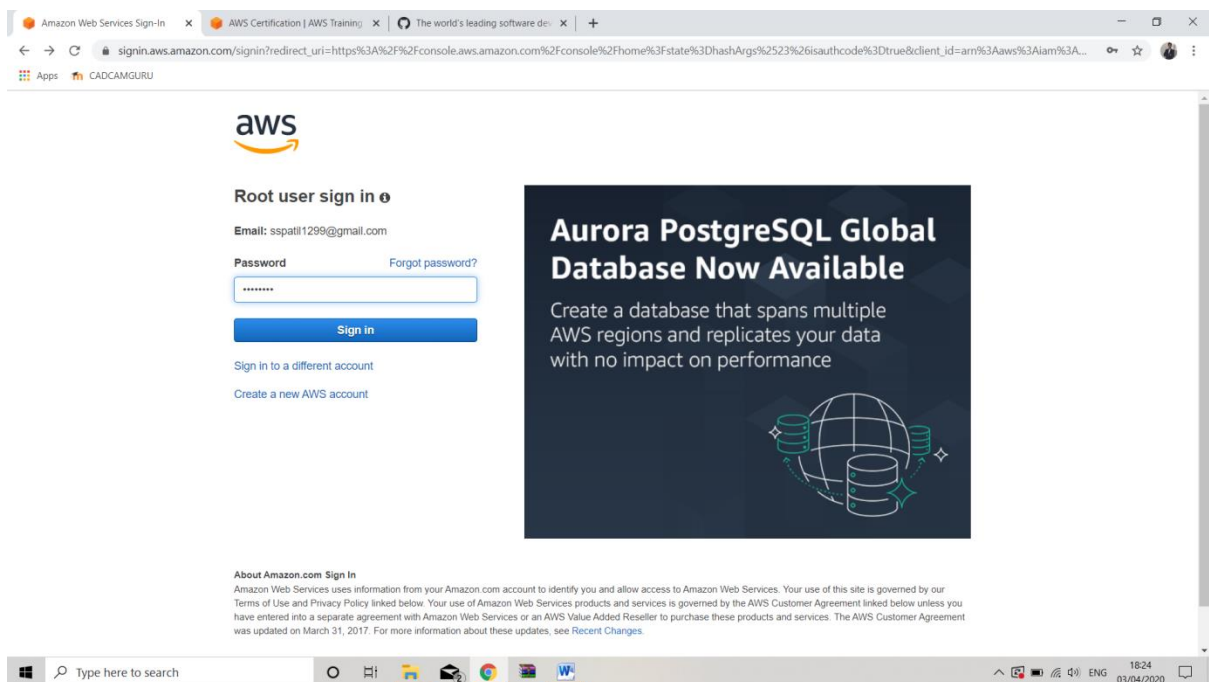
AWS PROJECT

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COLLEGE:- D.Y.PATIL COLLEGE OF ENGINEERING,AKURDI.

Screenshots of Dashboard:-

1)AWS login screen with username



2)EC2 Dashboard

The screenshot shows the AWS EC2 Management Console in the 'New EC2 Experience' view. The left sidebar contains navigation links for EC2 Dashboard, Events, Tags, Reports, Limits, INSTANCES (Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations), IMAGES (AMIs, Bundle Tasks), and ELASTIC BLOCK STORE. The main content area features a 'Welcome to the new EC2 console!' message, a 'Resources' section listing EC2 resources in the US East (Ohio) Region, and an 'Account attributes' section. A notification banner at the bottom states: 'We're redesigning the EC2 console to make it easier to use and improve performance. We'll release new screens periodically. We encourage you to try them and let us know where we can make improvements. To switch between the old console and the new console, use the New EC2 Experience toggle.'

Resources

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

Resource	Count
Running instances	1
Elastic IPs	0
Dedicated Hosts	0
Snapshots	0
Volumes	1
Load balancers	0
Key pairs	1
Security groups	3
Placement groups	0

Account attributes

- Supported platforms
 - VPC
 - Default VPC
 - vpc-sec91935
- Console experiments
- Settings

Explore AWS

Save with AMD EPYC-Powered EC2 instances

Learn how you can use EC2 instances featuring AMD EPYC processors to deliver a 10% lower cost on compute and memory. [Read more](#)

3)S3 Dashboard

The screenshot shows the AWS S3 Management Console. The left sidebar contains navigation links for Amazon S3, Buckets, Batch operations, Access analyzer for S3, Block public access (account settings), and Feature spotlight. The main content area displays a notification about the S3 console update, followed by the 'Buckets (1)' section. A table lists the buckets, showing one bucket named 'aws-sam1299' in the US East (Ohio) us-east-2 region.

Buckets (1)

Name	Region	Access	Bucket created
aws-sam1299	US East (Ohio) us-east-2	Objects can be public	2020-04-02T17:59:59.000Z

4) Rekognition Dashboard

The screenshot shows the Amazon Rekognition console dashboard. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information. The left sidebar lists navigation options: 'Amazon Rekognition', 'Custom Labels', 'Demos', 'Object and scene detection', 'Image moderation', 'Facial analysis', 'Celebrity recognition', 'Face comparison', 'Text in image', 'Video Demos', 'Metrics', and 'Additional Resources'. The main content area features a large header with the title 'Amazon Rekognition' and the description 'Deep learning-based visual analysis service'. Below this are three columns of information: 'Easily Integrate Powerful Visual Analysis into Your App', 'Continuously Learning', and 'Integrated with AWS Services'. The bottom of the dashboard includes a footer with copyright information and links to 'Privacy Policy' and 'Terms of Use'.

Screenshots for EC2:-

1)Choosing anAMI

The screenshot shows the 'Choose an AMI' step in the Amazon EC2 console. The top navigation bar is the same as the previous screenshot. The left sidebar lists navigation options: 'My AMIs', 'AWS Marketplace', 'Community AMIs', and 'Free tier only'. The main content area displays a search bar and a list of AMIs. The list includes 'Amazon Linux 2 AMI (HVM, SSD Volume Type)', 'Amazon Linux AMI 2018.03.0 (HVM, SSD Volume Type)', and 'Red Hat Enterprise Linux 8 (HVM, SSD Volume Type)'. Each AMI entry shows its name, description, root device type, virtualization type, and ENA status. The 'Select' button is visible for each AMI. The bottom of the dashboard includes a footer with copyright information and links to 'Privacy Policy' and 'Terms of Use'.

2)Choosing an instance type

Launch instance wizard | EC2 M... x

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.xlarge	8	32	EBS only	-	Moderate	Yes

Cancel Previous **Review and Launch** Next: Configure Instance Details

Feedback English (US)

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Type here to search

21:41 02/04/2020

3)Adding Storage

Launch instance wizard | EC2 M... x

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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Type here to search

21:44 02/04/2020

4)Configuring security group

Launch instance wizard | EC2 M... x

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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Type here to search

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5)Key pair download

Launch instance wizard | EC2 M... x

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 7: Review Instance Launch

Root Device Type: ebs Virtualization type: hvm

Instance Type

Instance Type	ECUs	vCPUs
t2.micro	Variable	1

Security Groups

Security group name: launch-wizard-1

Description: launch-wizard-1 created 2020-04-02T21:39:00.733+05:30

Type	Protocol
SSH	TCP

Instance Details

Storage

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-trial-key

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

Cancel Previous **Launch**

Feedback English (US)

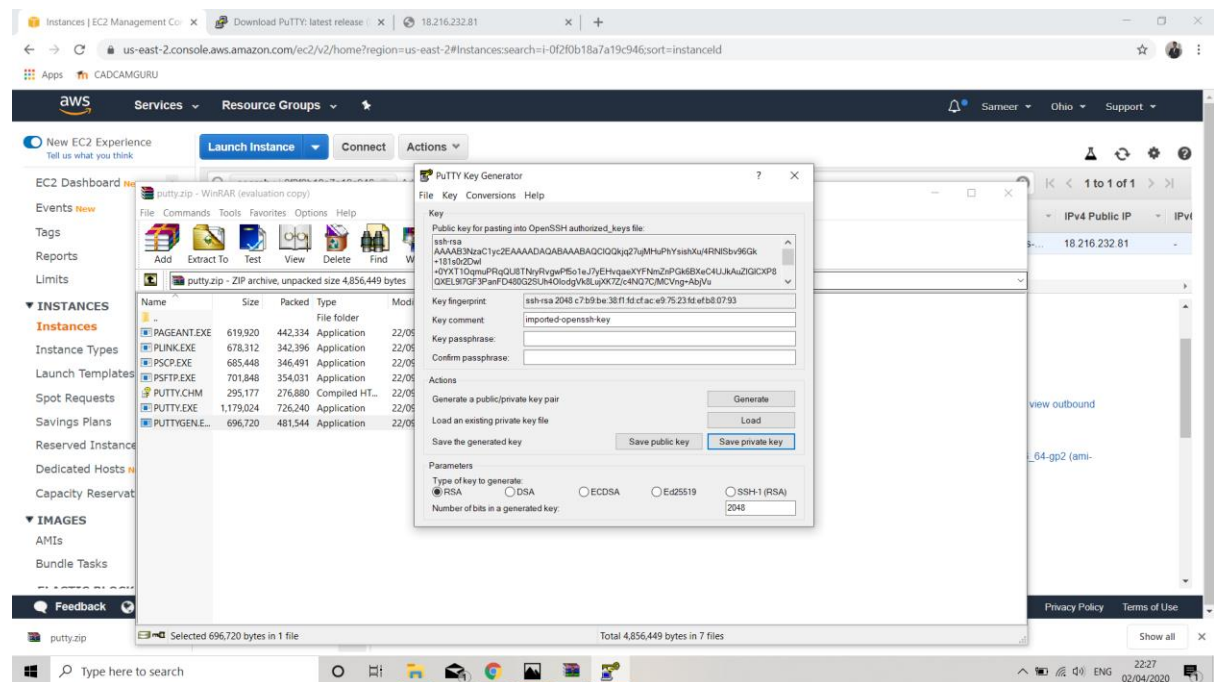
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aws-trial-key.pem

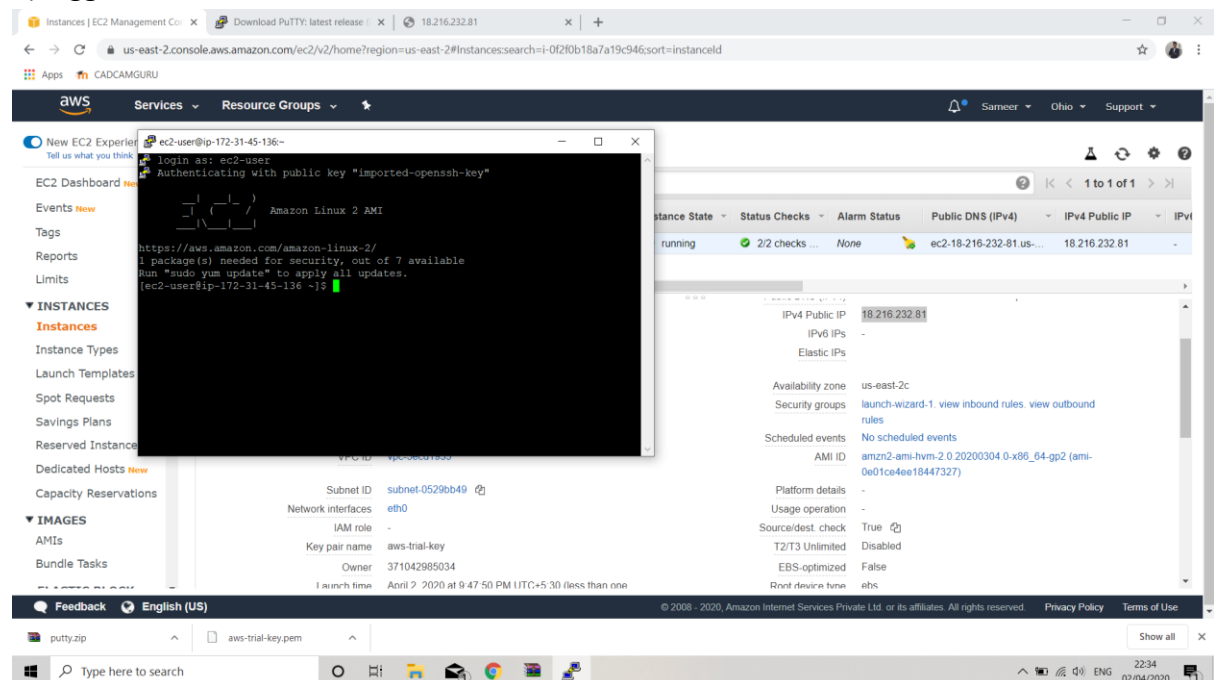
Type here to search

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6)PUTTYGEN conversion from pem to ppk

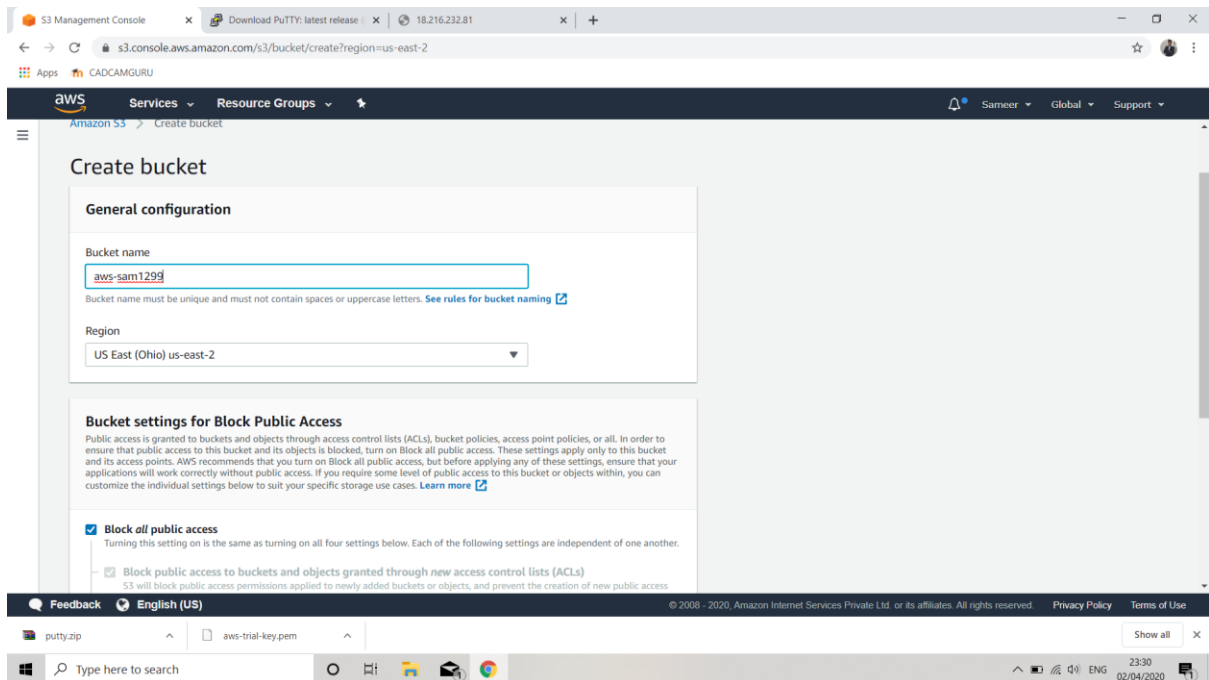


7)Logged in EC2 black screen

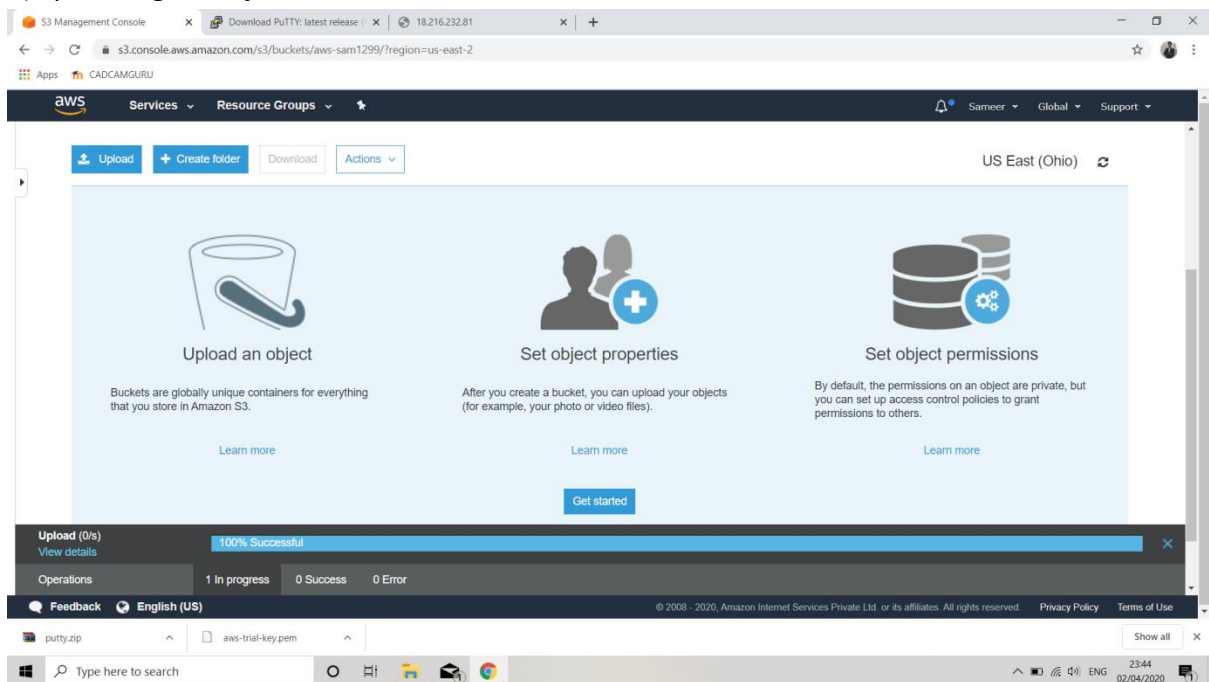


SCREENSHOTS NEEDED FOR S3:-

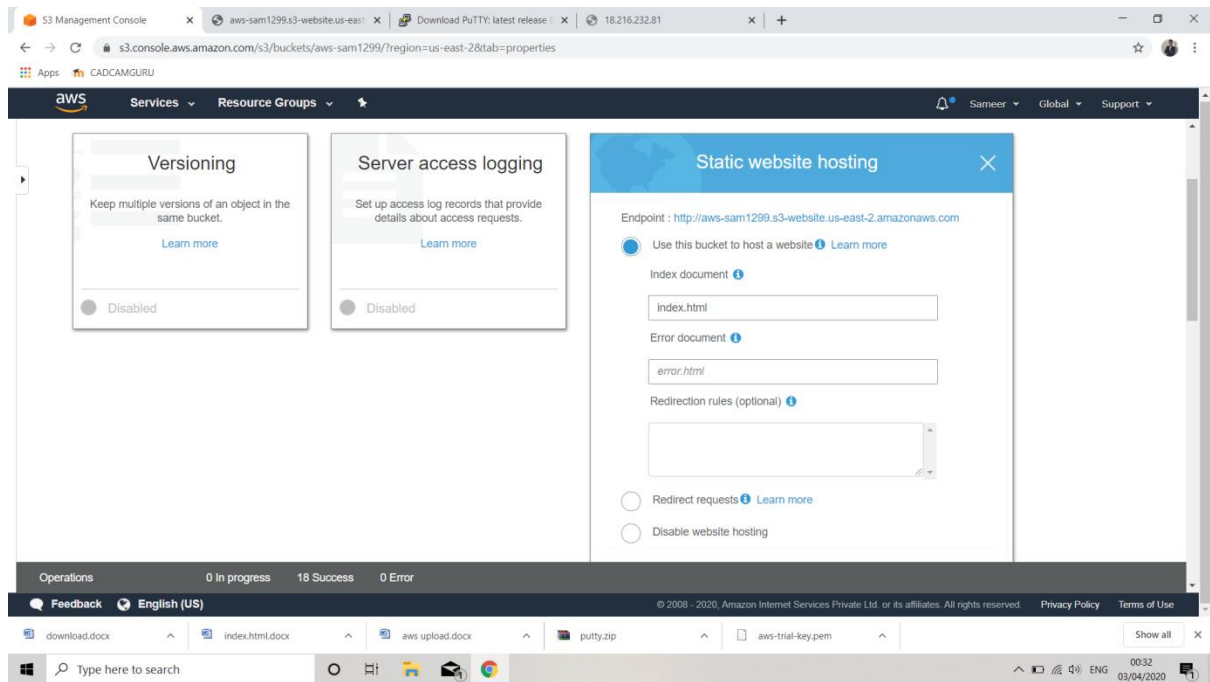
1) Creating a bucket:-



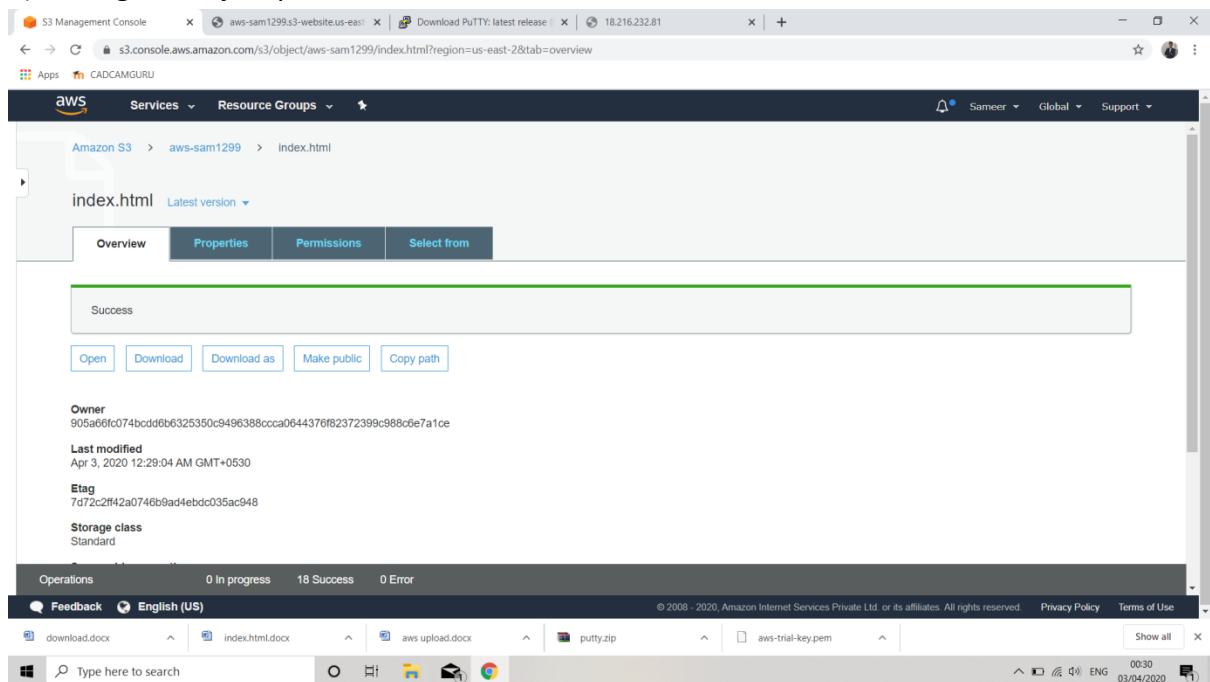
2) Uploading an object



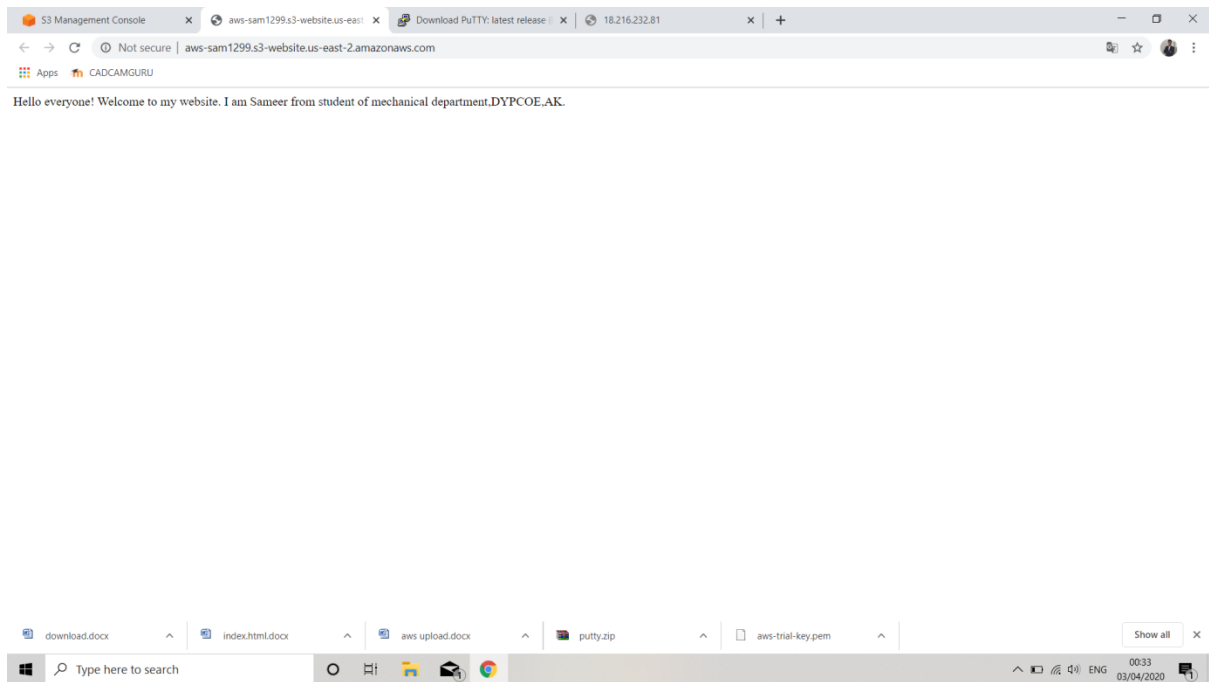
3)Enabling Static Website



4)Making the object public

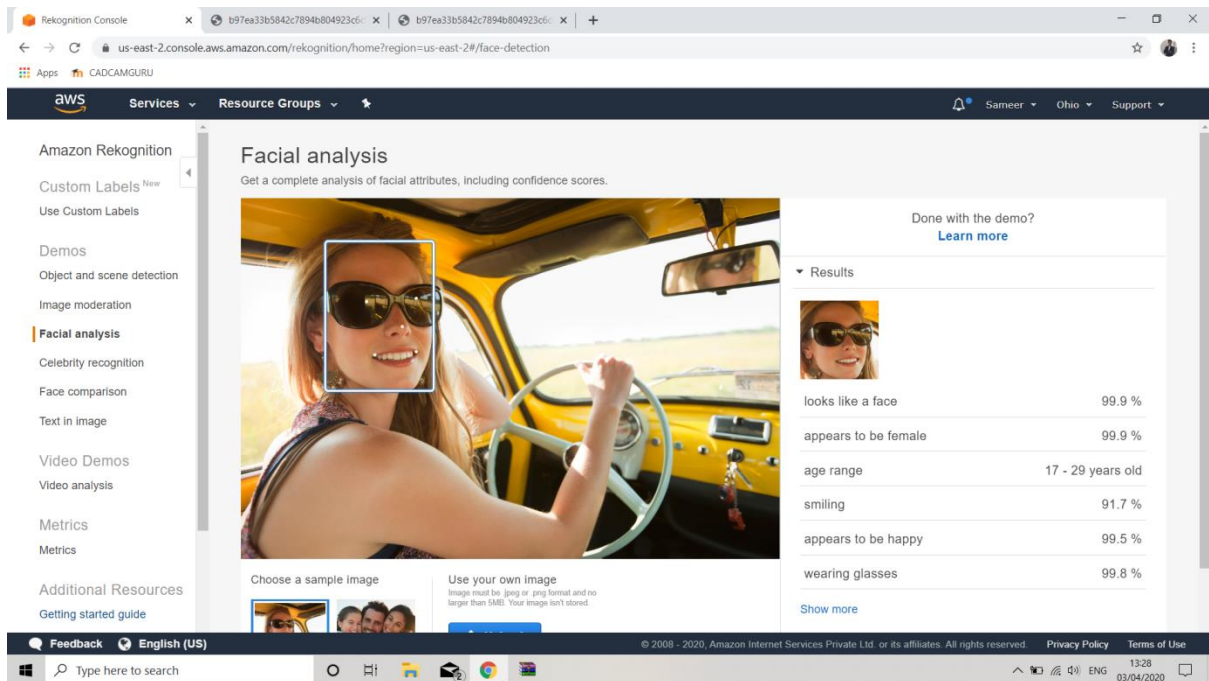


5)Checking the S3 link on Browser



SCREENSHOT NEEDED FOR REKOGNITION:-

1)Face Detect



2)Face Compare

The screenshot displays the Amazon Rekognition console's 'Face comparison' interface. On the left, a navigation menu lists various services, with 'Face comparison' highlighted. The main area is titled 'Face comparison' and includes a brief description: 'Compare faces to see how closely they match based on a similarity percentage.' Below this, there are two large image placeholders labeled 'Reference face' and 'Comparison faces'. Under each placeholder, there are smaller thumbnail images and a 'Choose a sample image' button. To the right, a 'Results' section shows three pairs of face images. The first pair is marked with an equals sign and shows a 'Similarity' of 99.9%. The other two pairs are marked with not-equals signs. At the top right of the results section, there is a link 'Done with the demo? Learn more'. The bottom of the console shows a Windows taskbar with a search bar and system icons.

3)Celebrity Rekognition

The screenshot displays the Amazon Rekognition console's 'Celebrity recognition' interface. The left navigation menu has 'Celebrity recognition' highlighted. The main area is titled 'Celebrity recognition' and states: 'Rekognition automatically recognizes celebrities in images and provides confidence scores.' A large image of Jeff Bezos is shown with a blue bounding box around his face. Below the image are two buttons: 'Choose a sample image' and 'Use your own image' (with a note: 'Image must be .jpeg or .png format and no larger than 5MB. Your image isn't stored.'). To the right, the 'Results' section shows a small image of Jeff Bezos, his name 'Jeff Bezos', and a 'Learn More' link. Below this, it shows a 'Match confidence' of 100%. Further down, there are expandable sections for 'Request' and 'Response'. The bottom of the console shows a Windows taskbar with a search bar and system icons.

4)Text in Image

The screenshot shows the AWS Rekognition console interface. The left sidebar contains navigation links for Amazon Rekognition, Custom Labels, Demos, and various image analysis features. The 'Text in image' demo is selected. The main content area displays a sample image of a coffee cup with a smiley face and the text 'IT'S MONDAY but keep Smiling'. The results panel on the right shows the detected text: 'IT'S', 'MONDAY', 'but', 'keep', and 'Smiling'. The bottom of the console shows the AWS logo, navigation links, and a footer with copyright information and links to Privacy Policy and Terms of Use.

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

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

Feedback English (US)

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Thank you!