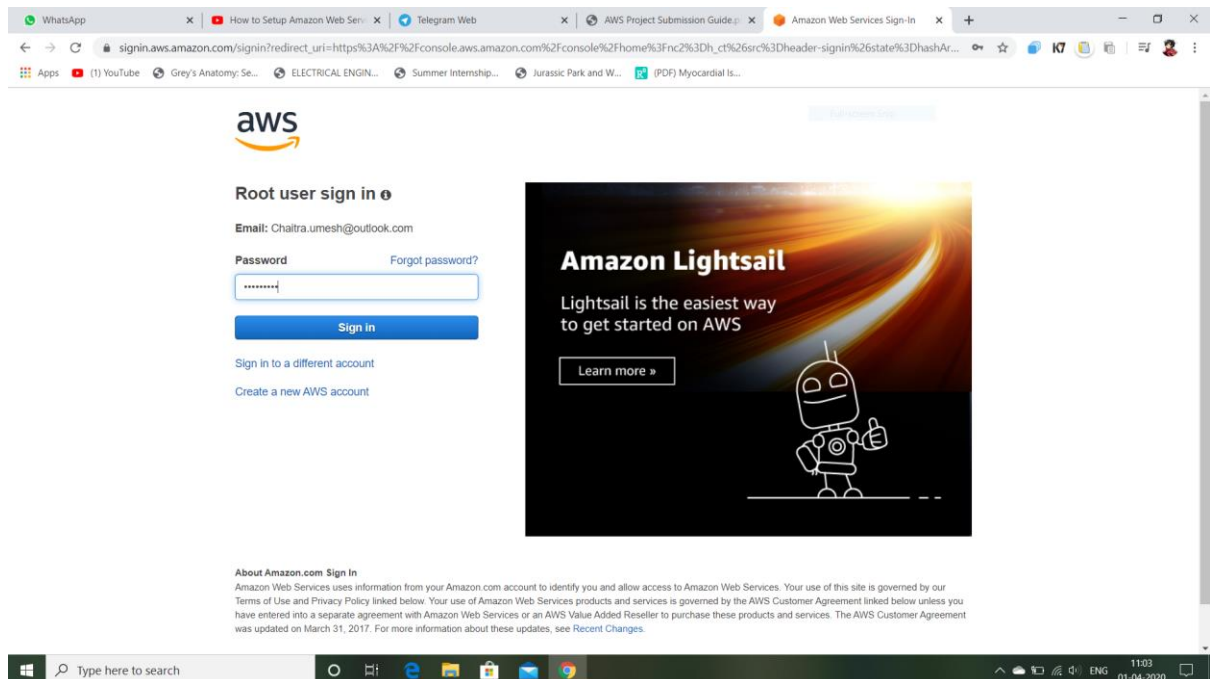
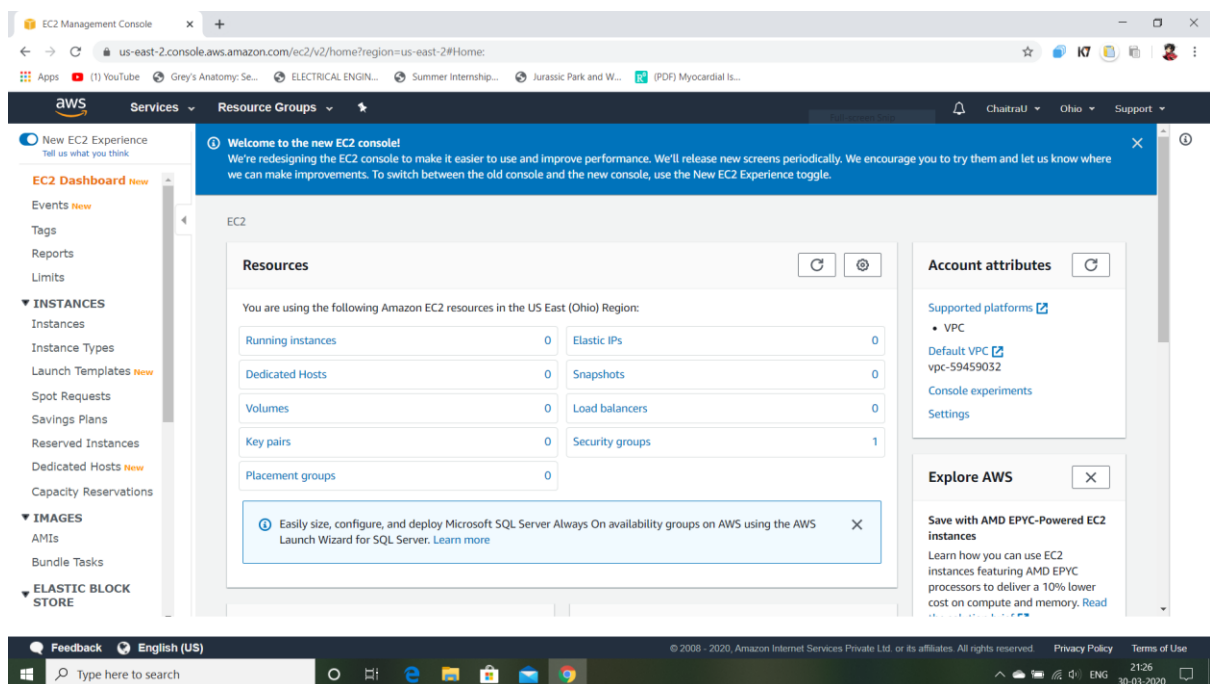


AWS Screenshots:-

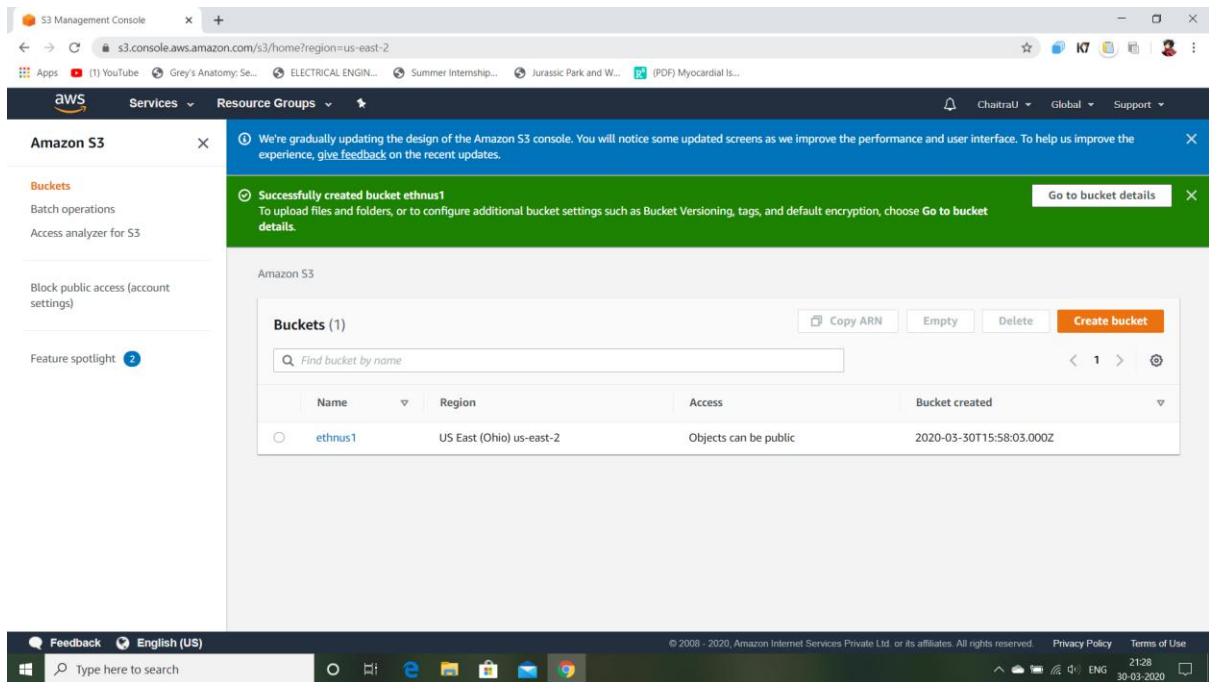
AWS Login screen with dashboard:



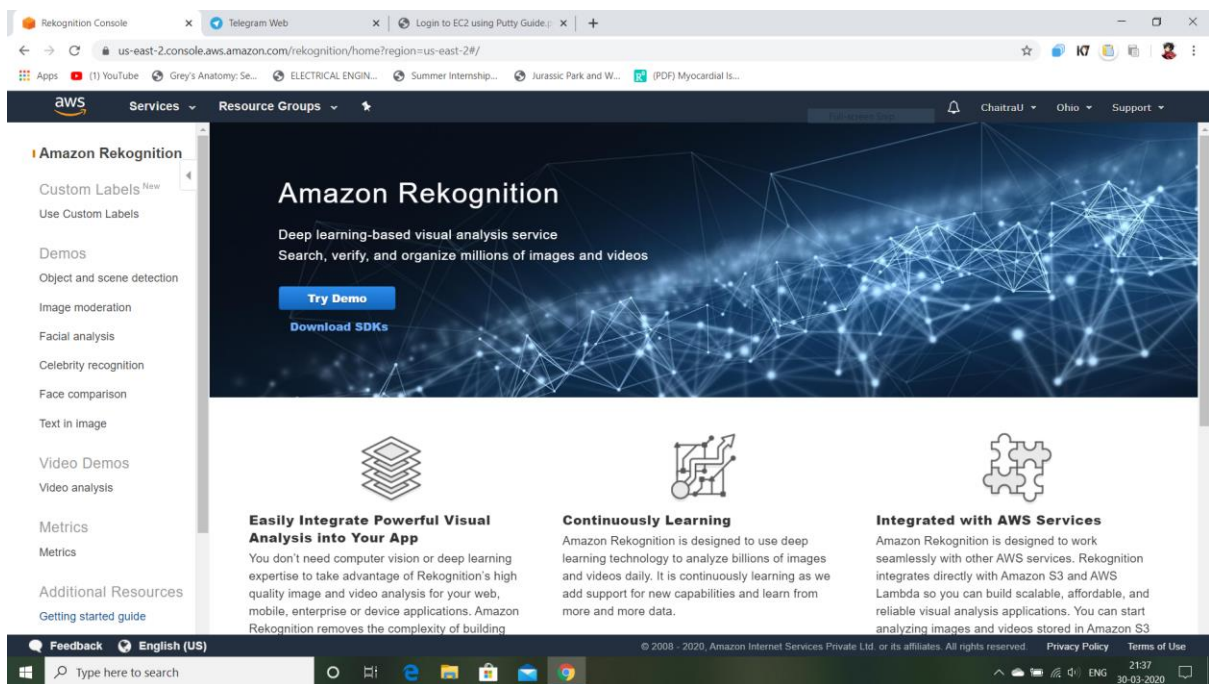
EC2 Dashboard:



S3 Dashboard:



Rekognition Dashboard:



EC2:-

Choosing an AMI:

WhatsApp | How to Setup Amazon Web | Telegram Web | 7-Day Free Masterclass | AWS Project Submission Gui | Launch instance wizard | EC2

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)

Cancel and Exit

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 (1)

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)

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Type here to search

Choosing an instance type:

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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	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

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

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Type here to search

Adding storage:

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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

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Configuring security group:

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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**

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Keypair download:

The screenshot shows the AWS Management Console with the EC2 instance details for instance ID i-01f0ab9a418819f45. The instance is running on the t2.micro instance type in the us-east-2 region. A terminal window is open, showing the command prompt for the ec2-user. The terminal output shows the command to install httpd and the resulting package dependencies.

Terminal Output:

```
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-172-31-37-114 ~)$ sudo yum install httpd
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core                                2.4 kB    00:00
Resolving Dependencies
--> Running transaction check
--> Package httpd.x86_64 0:2.4.41-1.amzn2.0.1 will be installed
--> Processing Dependency: httpd-tools = 2.4.41-1.amzn2.0.1 for package: httpd-2.4.41-1.amzn2.0.1.x86_64
--> Processing Dependency: httpdfilesystem = 2.4.41-1.amzn2.0.1 for package: httpd-2.4.41-1.amzn2.0.1.x86_64
--> Processing Dependency: system-logos-httpd for package: httpd-2.4.41-1.amzn2.0.1.x86_64
--> Processing Dependency: mod_http2 for package: httpd-2.4.41-1.amzn2.0.1.x86_64
```

EC2 Instance Details:

Instance ID	Public DNS	Instance State	Instance Type	Public DNS (IPv4)	IPv4 Public IP	IPv6 Public IP
i-01f0ab9a418819f45	ec2-18-188-86-169.us-east-2.compute.amazonaws.com	running	t2.micro	ec2-18-188-86-169.us-east-2.compute.amazonaws.com	18.188.86.169	-

S3:-

Creating a bucket:

The screenshot shows the AWS S3 console 'Create bucket' page. The bucket name is 'ethnus-bucket2' and the region is 'US East (Ohio) us-east-2'. The 'Block all public access' checkbox is unchecked.

Create bucket

General configuration

Bucket name: ethnus-bucket2

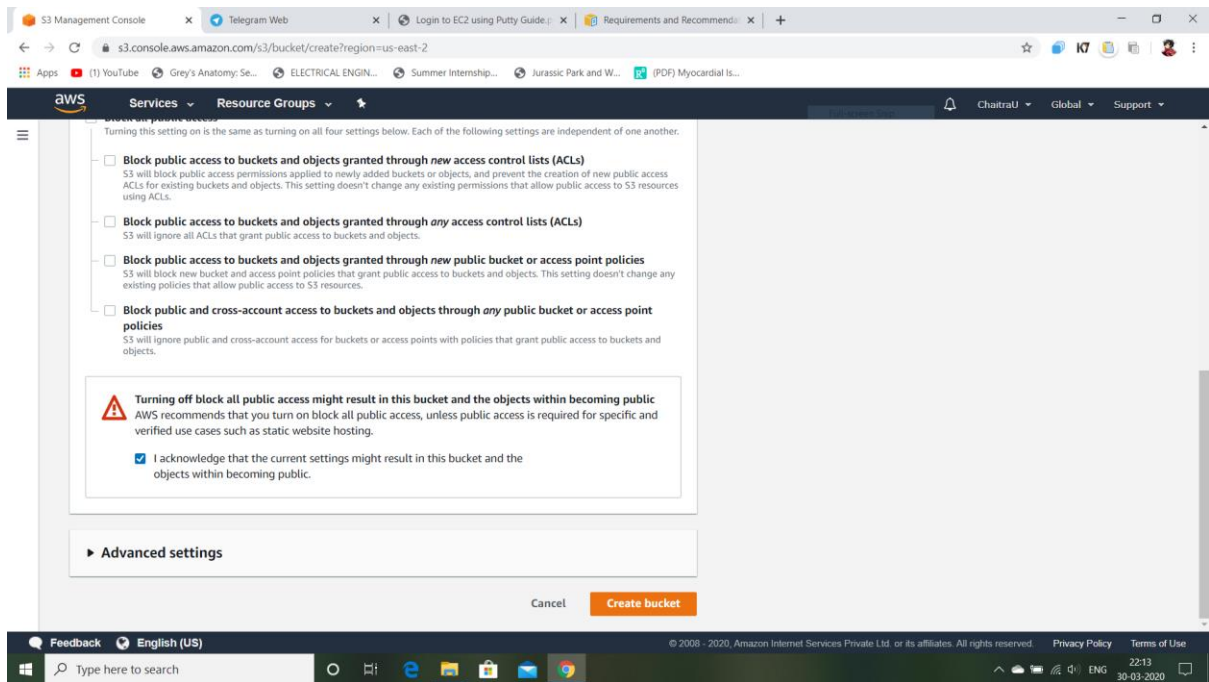
Region: US East (Ohio) us-east-2

Bucket settings for Block Public Access

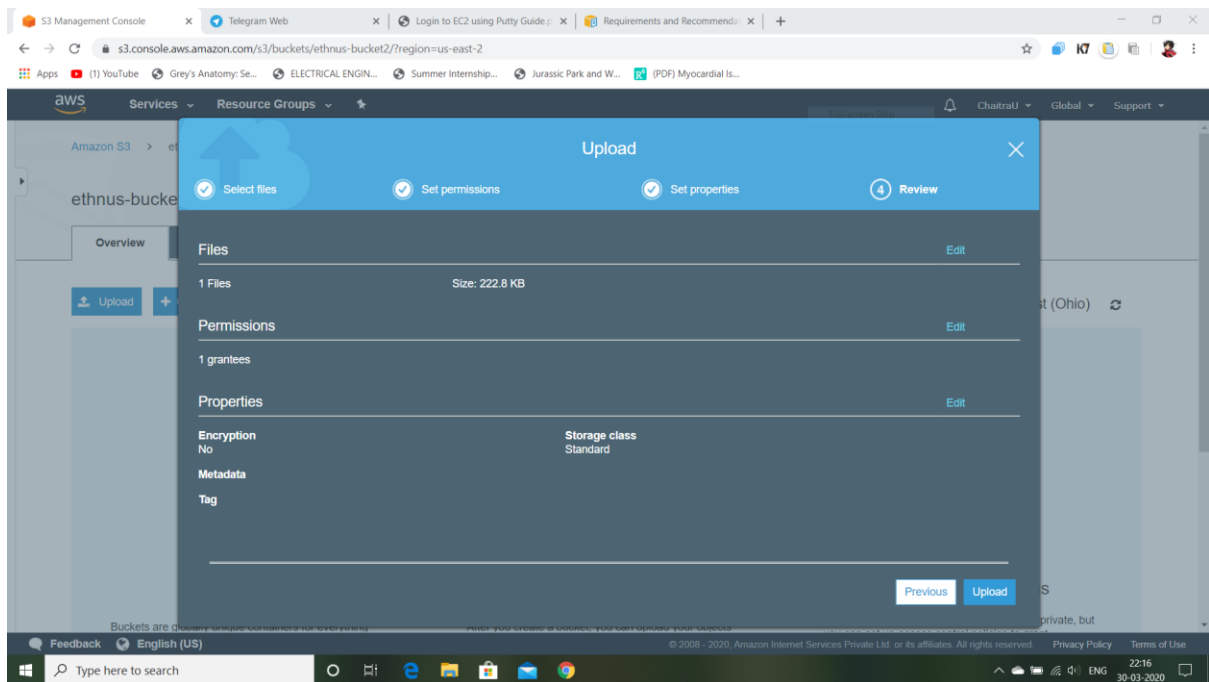
Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access 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**

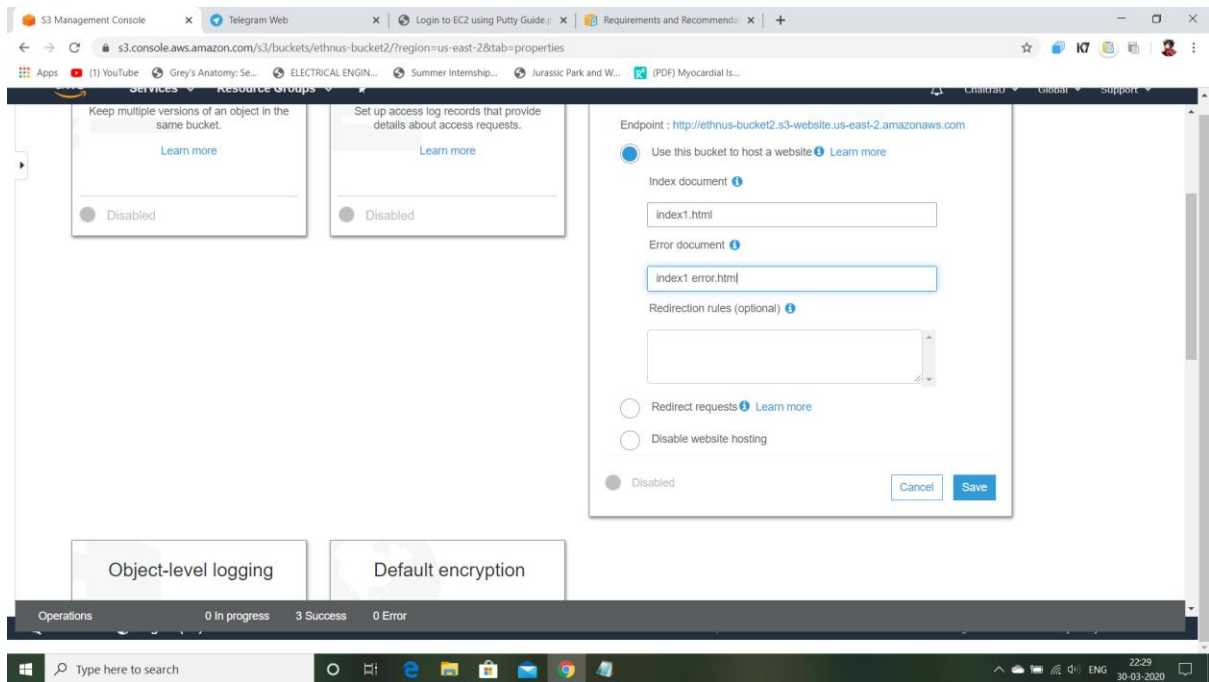
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.



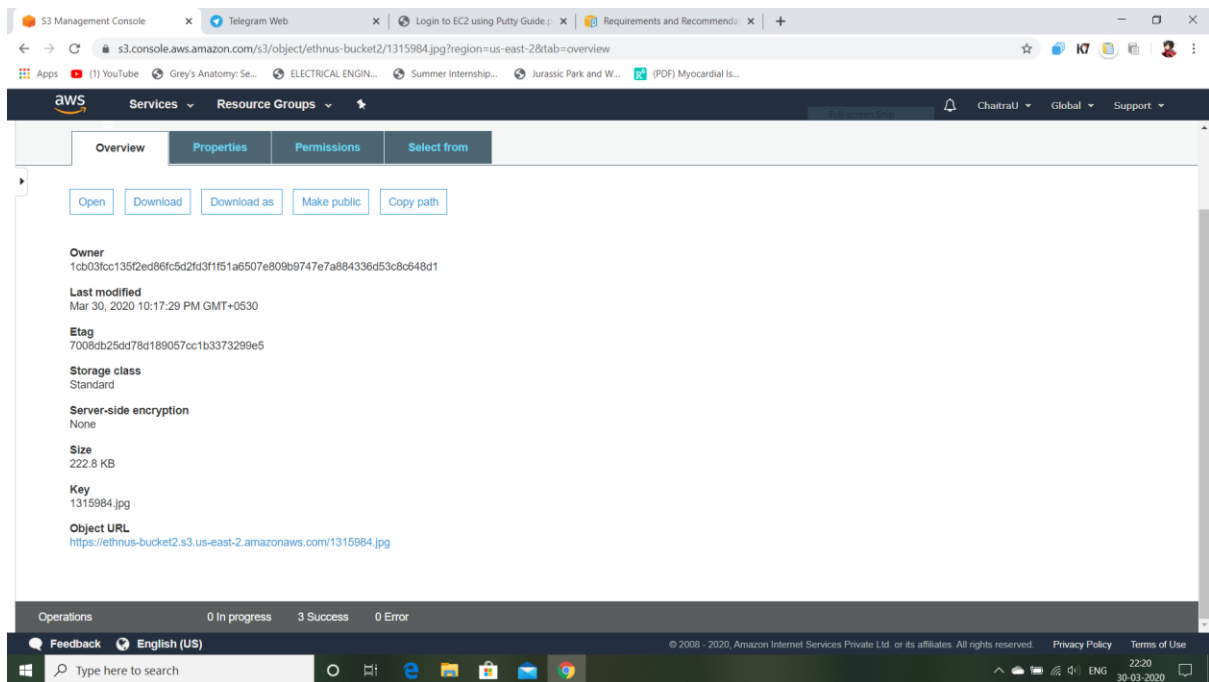
Uploading an object:



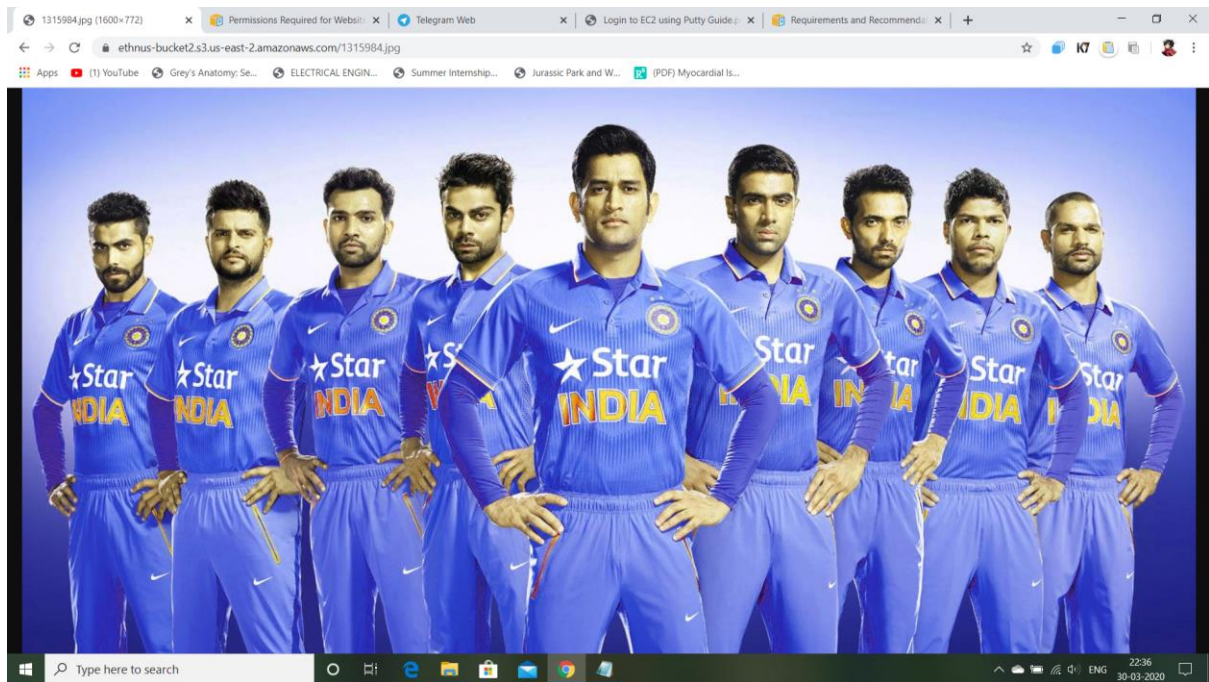
Enabling static website:



Making object public:



Checking S3 link on browser:



Rekognition:-

Facial Analysis:

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

▼ Results

looks like a face	99.9 %
appears to be female	99.1 %
age range	22 - 34 years old
smiling	99.9 %
appears to be happy	99.8 %
not wearing glasses	99.8 %

[Show more](#)

► Request

► Response

Facial Comparison:

Amazon Rekognition Console - Face Comparison Demo

The interface shows two sample images of a young girl being compared. The results panel displays a similarity score of 99.8%.

Results

Image 1	Image 2	Similarity
		99.8 %
		Similarity
		Similarity

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

Celebrity Rekognition:

Amazon Rekognition Console - Celebrity Detection Demo

The interface shows a sample image of the Indian cricket team. The results panel displays the names and match confidence scores for MS Dhoni, Virat Kohli, Ravichandran Ashwin, and Rohit Sharma.

Results

Image	Name	Match confidence
	MS Dhoni	93 %
	Virat Kohli	100 %
	Ravichandran Ashwin	100 %
	Rohit Sharma	100 %

Choose a sample image

Use your own image

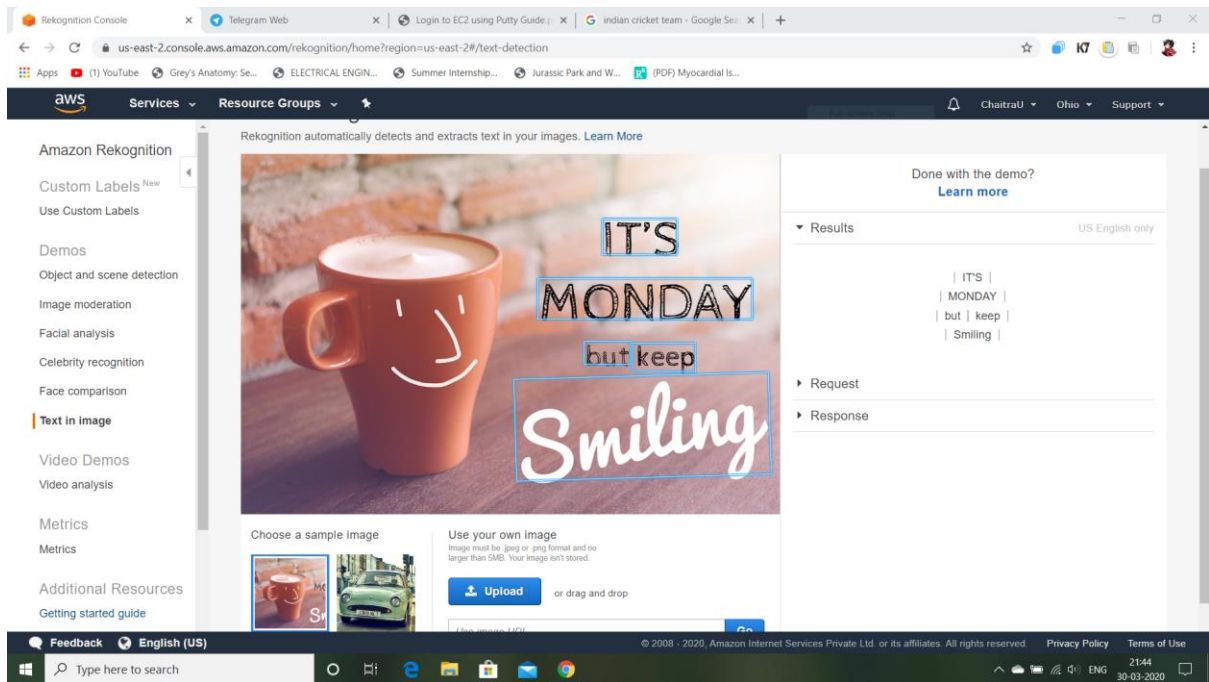
Image must be .jpg or .png format and no larger than 5MB. Your image isn't stored.

Upload or drag and drop

Use image URL

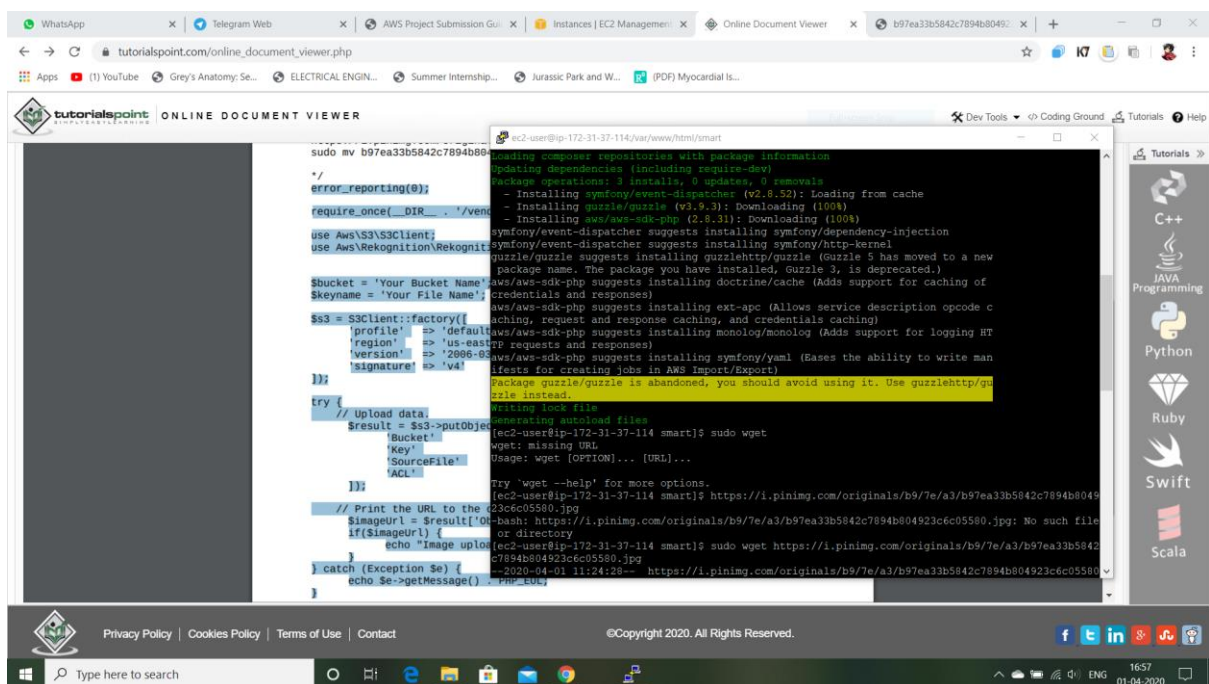
Go

Text in image:

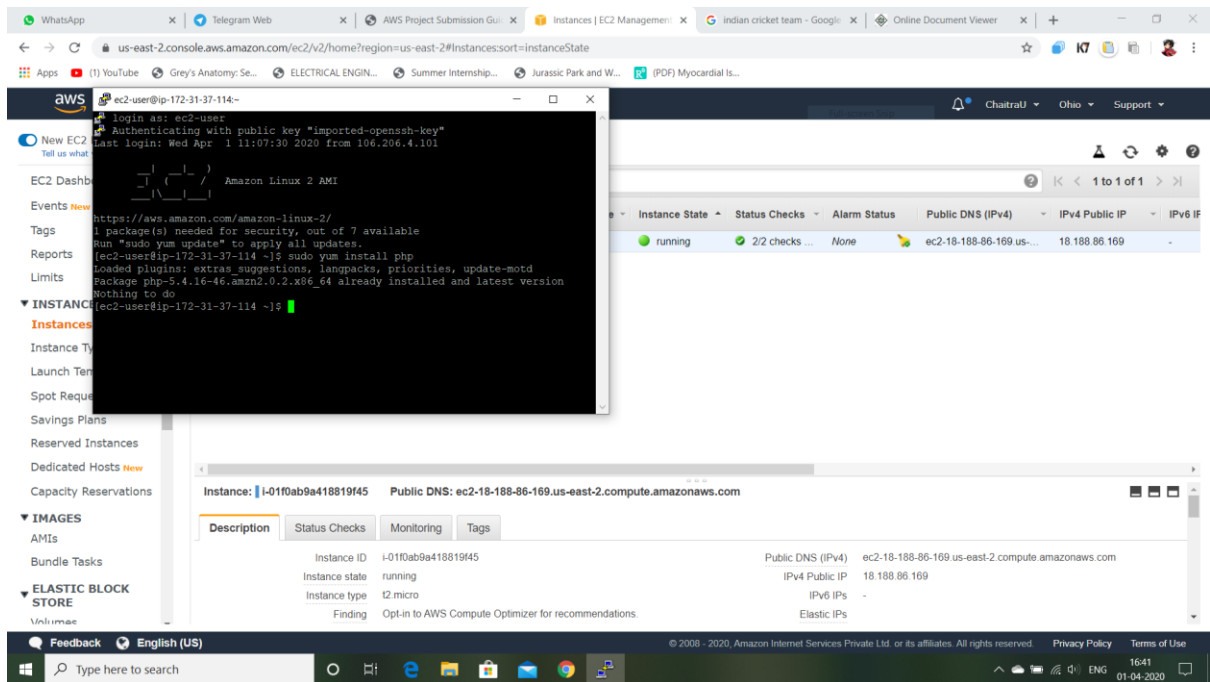


EC2 & S3:-

Installing aws-sdk:



Installing php:



Upload success screenshot:

