

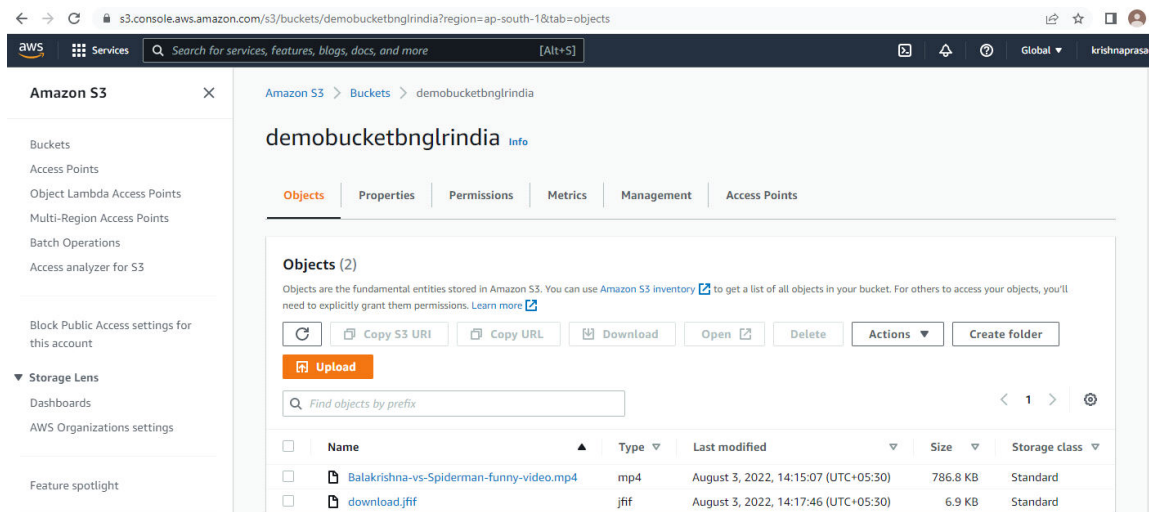
S3- Simple Storage Service

S3: Amazon Simple Storage Service (Amazon S3) is an object storage service that offers industry-leading scalability, data availability, security, and performance. You can use Amazon S3 to store and retrieve any amount of data at any time, from anywhere.

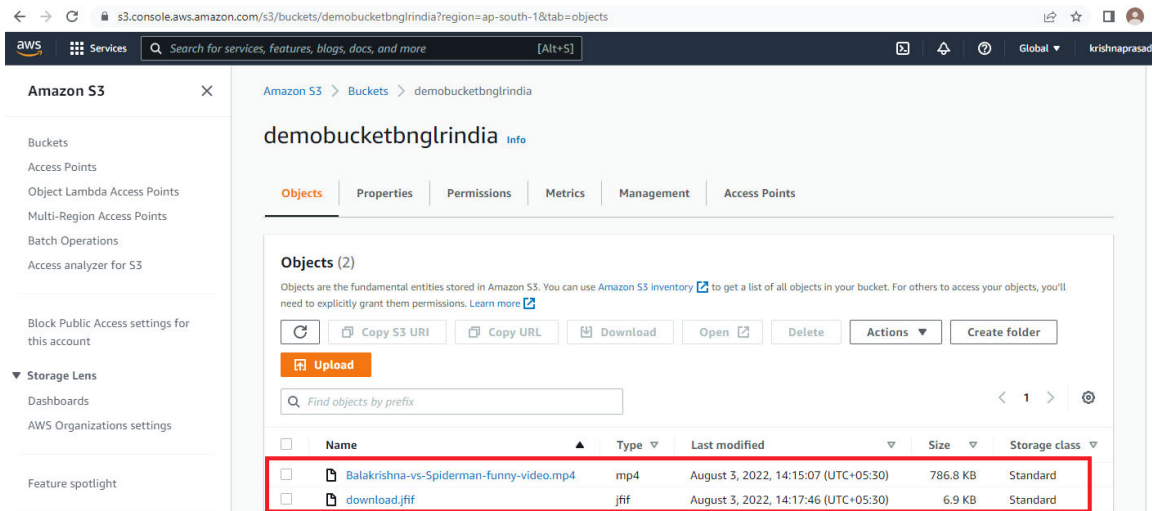
Procedure:

Step 1: Sign in to the aws console and search for S3 in the search bar.

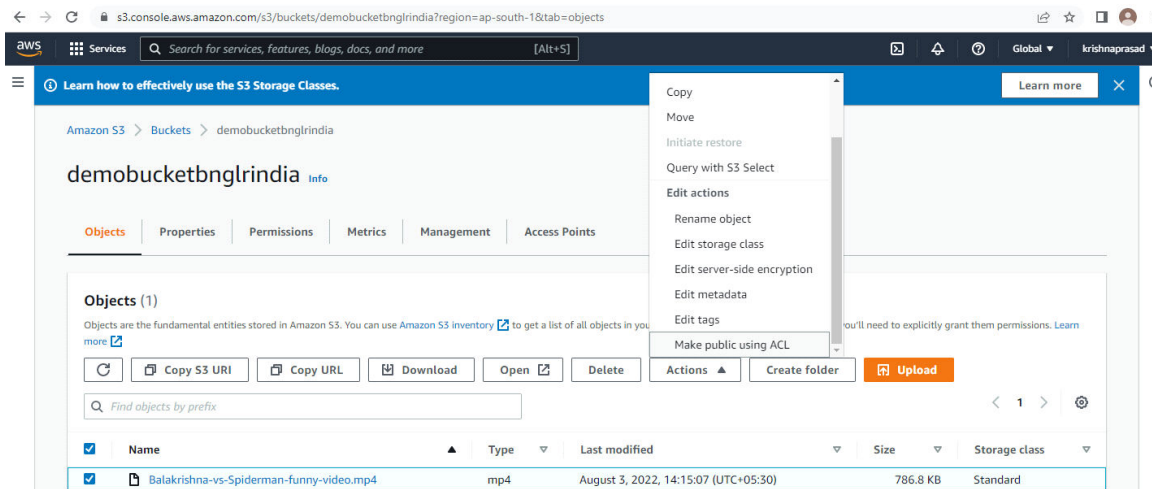
Step 2: Create a bucket and name it as "demobucket".



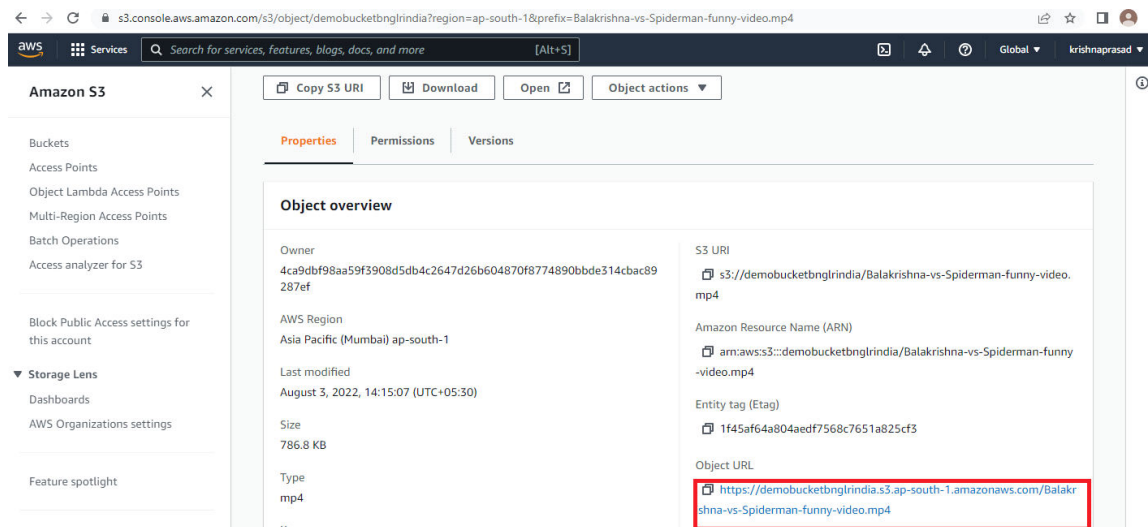
Step 3: Add files to the bucket.



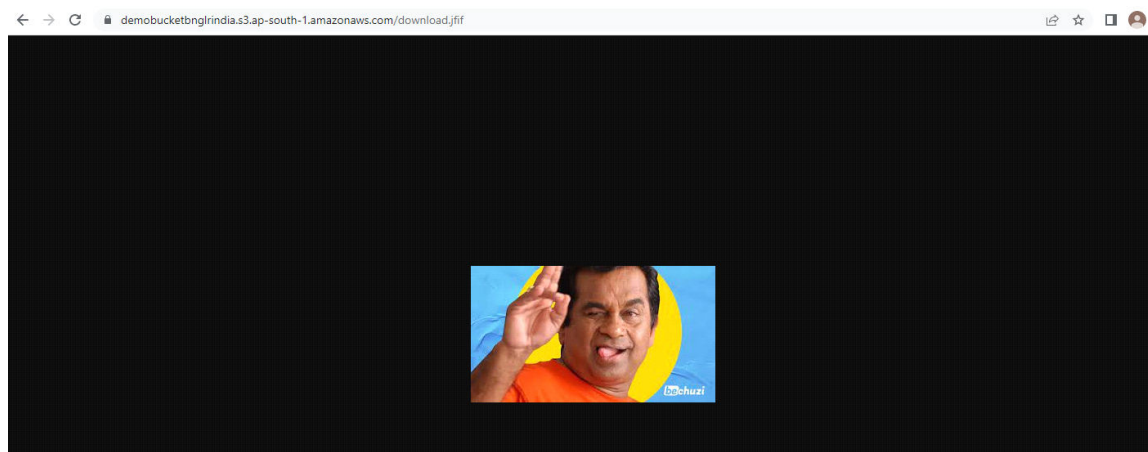
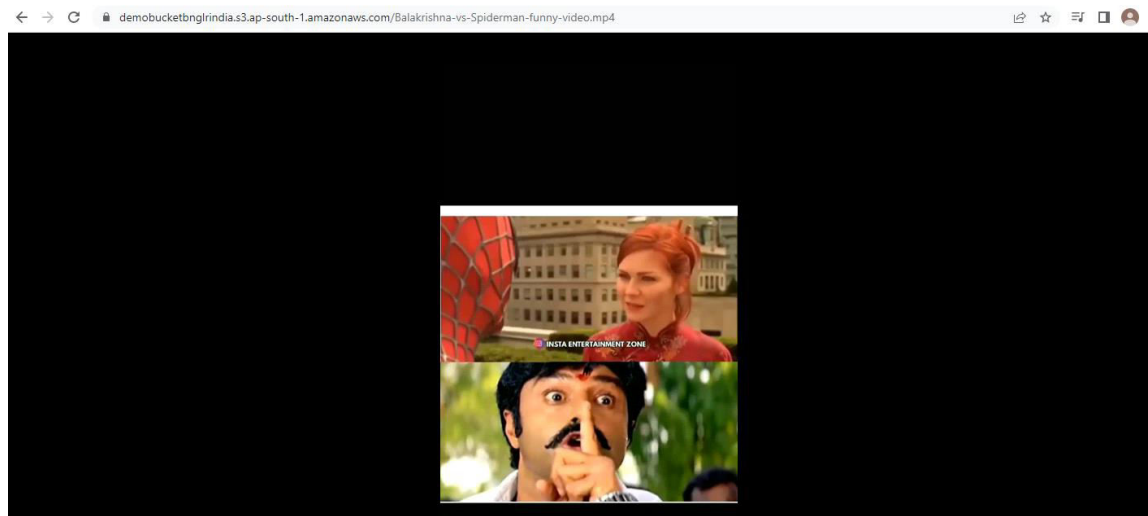
Step 4: Now give permission to the files as make public access.



Step 5: Go to the file and copy the object file url and paste it in the chrome.

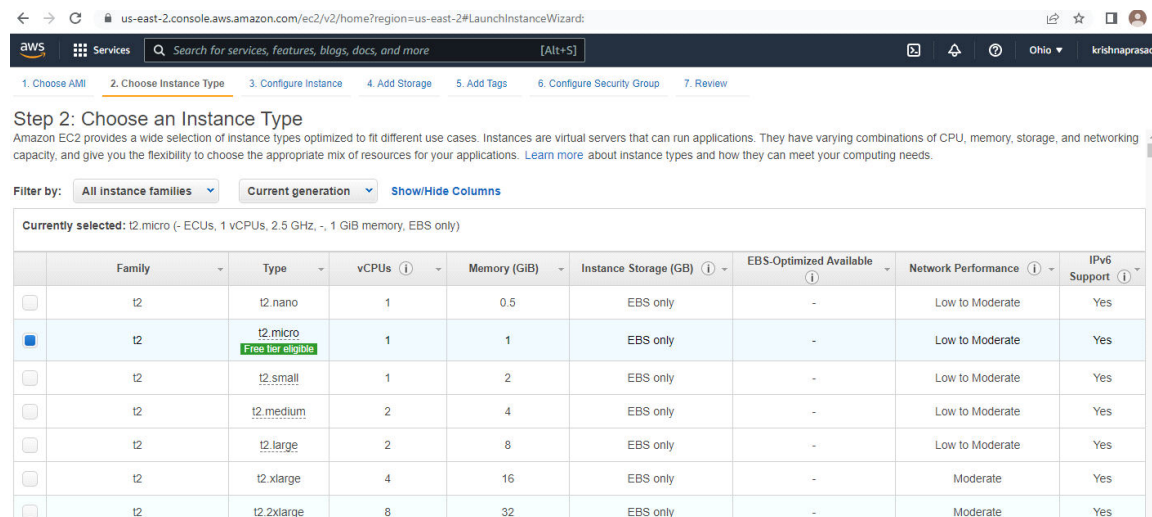


Step 6: Now the output comes as below.



Connecting to Ec2 Instance:

Step 1: Launch an Amazon linux Ec2 instance.



Step 2: Choose an Instance Type

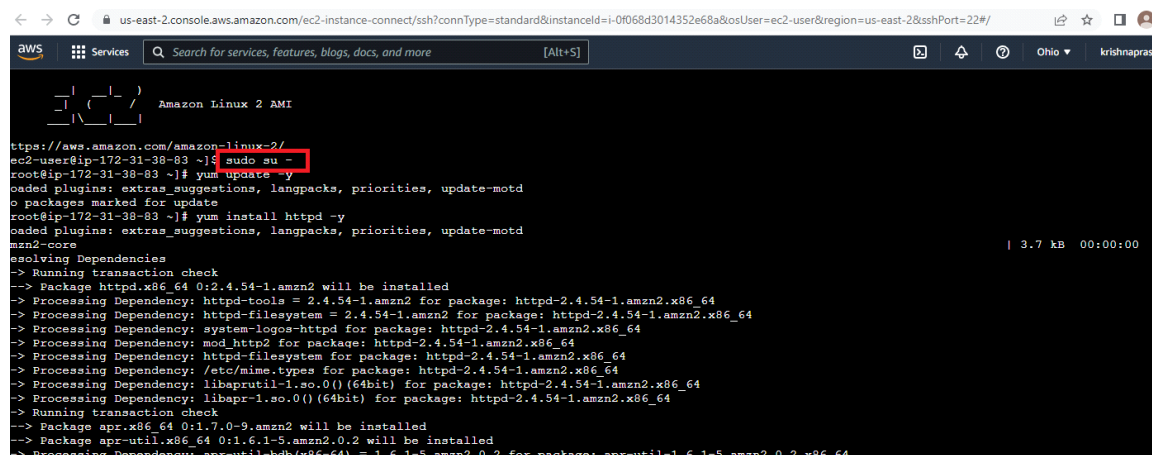
Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources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

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

Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, -, 1 GiB memory, EBS only)

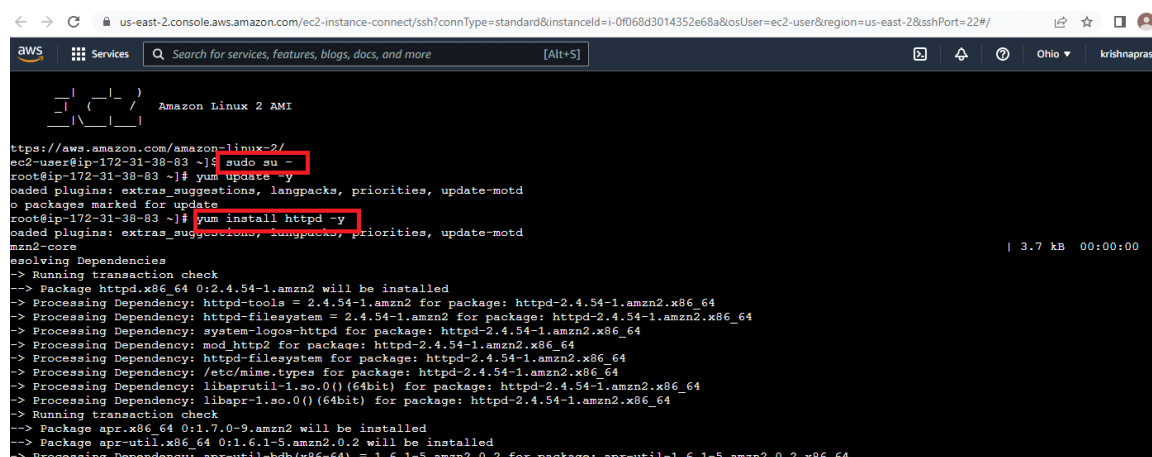
	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t2	t2.2xlarge	8	32	EBS only	-	Moderate	Yes

Step 2: Connect to the instance by using "SUDO SU - "command.



```
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
ec2-user@ip-172-31-38-83 ~]$ sudo su -
root@ip-172-31-38-83 ~)# yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
0 packages marked for update
root@ip-172-31-38-83 ~)# yum install httpd -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
mzn2-core | 3.7 kB 00:00:00
Resolving Dependencies
-> Running transaction check
--> Package httpd.x86_64 0:2.4.54-1.amzn2 will be installed
--> Processing Dependency: httpd-tools = 2.4.54-1.amzn2 for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: httpdfilesystem = 2.4.54-1.amzn2 for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: system-logos-httpd for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: mod_http2 for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: httpdfilesystem for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: /etc/mime.types for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: libaprutil1.so.0()(64bit) for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: libapr-1.so.0()(64bit) for package: httpd-2.4.54-1.amzn2.x86_64
--> Running transaction check
--> Package apr.x86_64 0:1.7.0-9.amzn2 will be installed
--> Package apr-util.x86_64 0:1.6.1-5.amzn2.0.2 will be installed
--> Processing Dependency: apr-util-bdb(x86-64) = 1.6.1-5.amzn2.0.2 for package: apr-util-1.6.1-5.amzn2.0.2.x86_64
```

Step 3: Install the Apache webserver and create an empty file.



```
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
ec2-user@ip-172-31-38-83 ~]$ sudo su -
root@ip-172-31-38-83 ~)# yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
0 packages marked for update
root@ip-172-31-38-83 ~)# yum install httpd -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
mzn2-core | 3.7 kB 00:00:00
Resolving Dependencies
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--> Package httpd.x86_64 0:2.4.54-1.amzn2 will be installed
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--> Processing Dependency: httpdfilesystem = 2.4.54-1.amzn2 for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: system-logos-httpd for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: mod_http2 for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: httpdfilesystem for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: /etc/mime.types for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: libaprutil1.so.0()(64bit) for package: httpd-2.4.54-1.amzn2.x86_64
--> Processing Dependency: libapr-1.so.0()(64bit) for package: httpd-2.4.54-1.amzn2.x86_64
--> Running transaction check
--> Package apr.x86_64 0:1.7.0-9.amzn2 will be installed
--> Package apr-util.x86_64 0:1.6.1-5.amzn2.0.2 will be installed
--> Processing Dependency: apr-util-bdb(x86-64) = 1.6.1-5.amzn2.0.2 for package: apr-util-1.6.1-5.amzn2.0.2.x86_64
```

Step 4: Create a empty file named "balayya.html" and paste the script in the file using vim editor.

![Screenshot of an AWS console terminal window showing the creation of a file named 'balayya.html' using the vim editor. The terminal shows the following content: <pre>DOCTYPE html>
html>
body>

h1>The video element Balayya </h1>

video width=](https://demobucketbnglrindia.s3.ap-south-1.amazonaws.com/Balakrishna-vs-Spiderman-funny-video.mp4)

Step 5: Now enter the name of the file beside the ip address of the instance. And the output is as follows:



Coclusion : Hosting the object based files in S3 and connecting to an instance is successfully completed.

