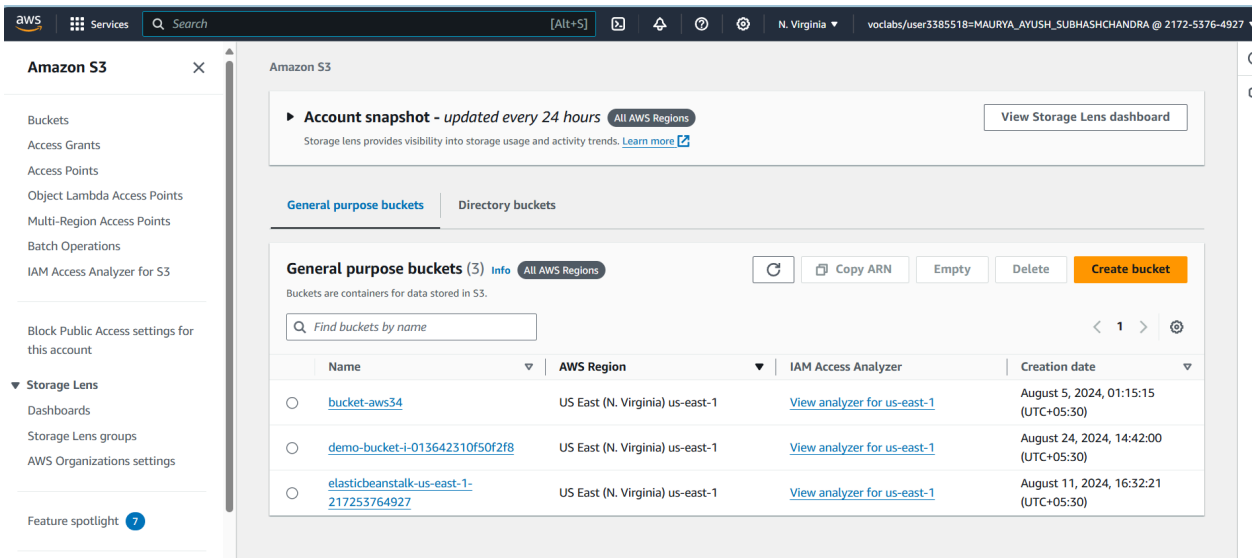
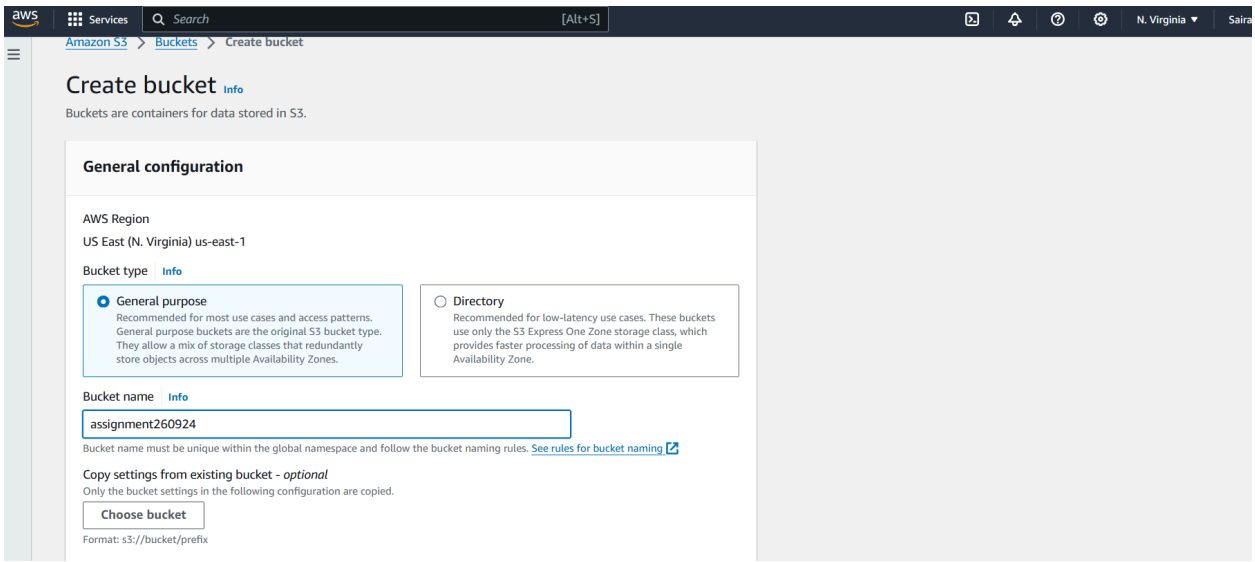
1) Use S3 bucket and host Video Streaming.

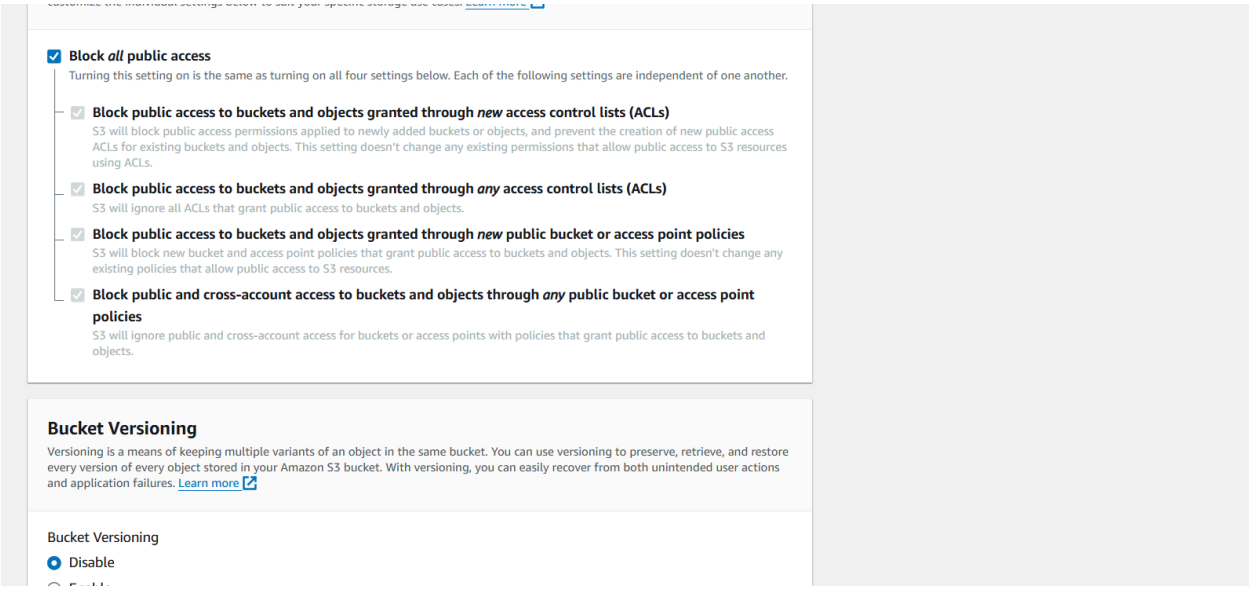
Open S3 Bucket In AWS services.



Click on create bucket. This will direct you to the bucket creation page.

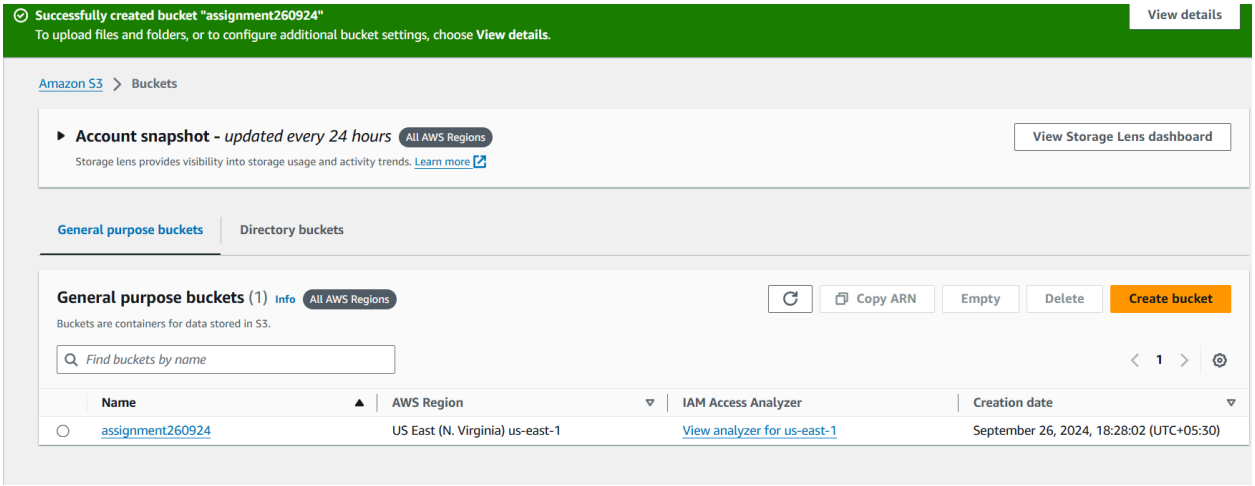


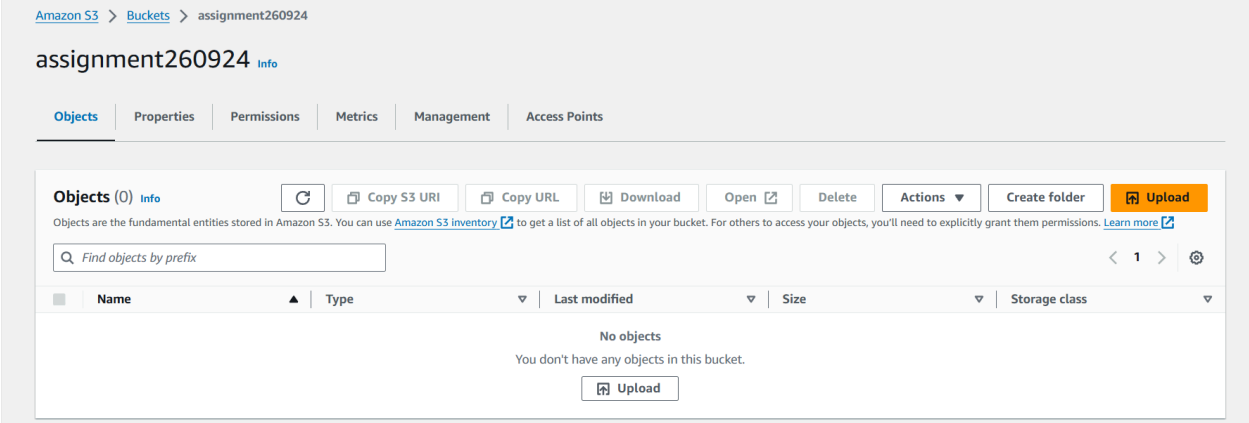
It is better to block all public access so that unauthorized people do not use the video



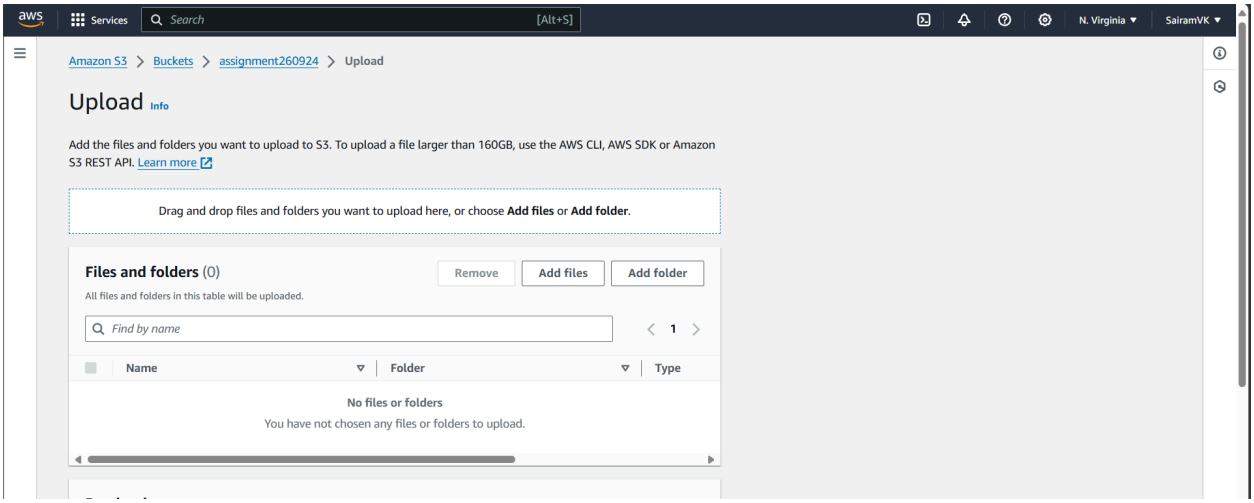
Maintaining the other options as default, click on Create bucket.

2. After creating the bucket, follow these steps to upload your video: Click on the name of the bucket. This will redirect you to the **Objects** screen, displaying the contents of your bucket.

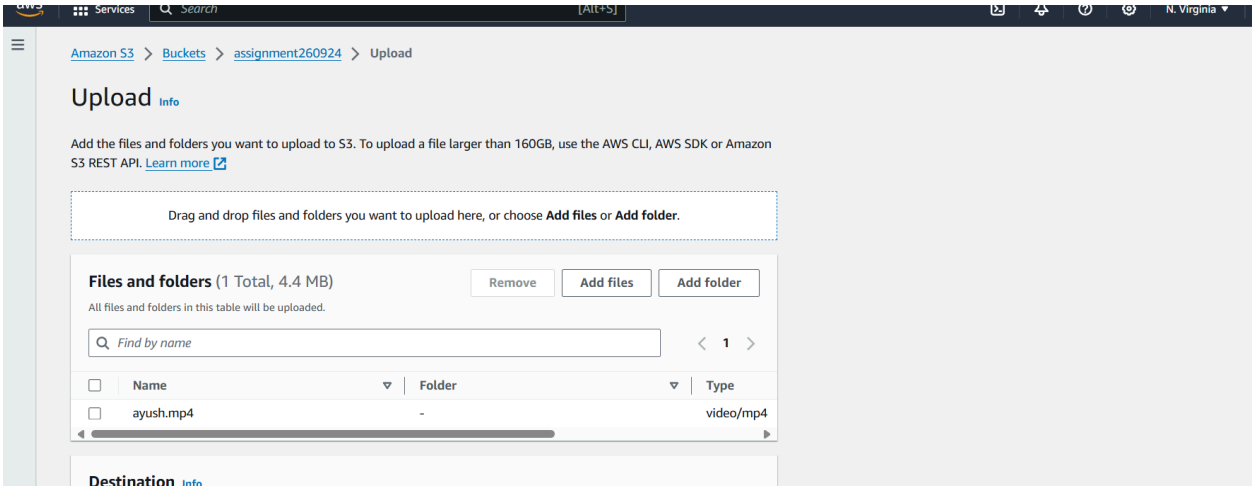




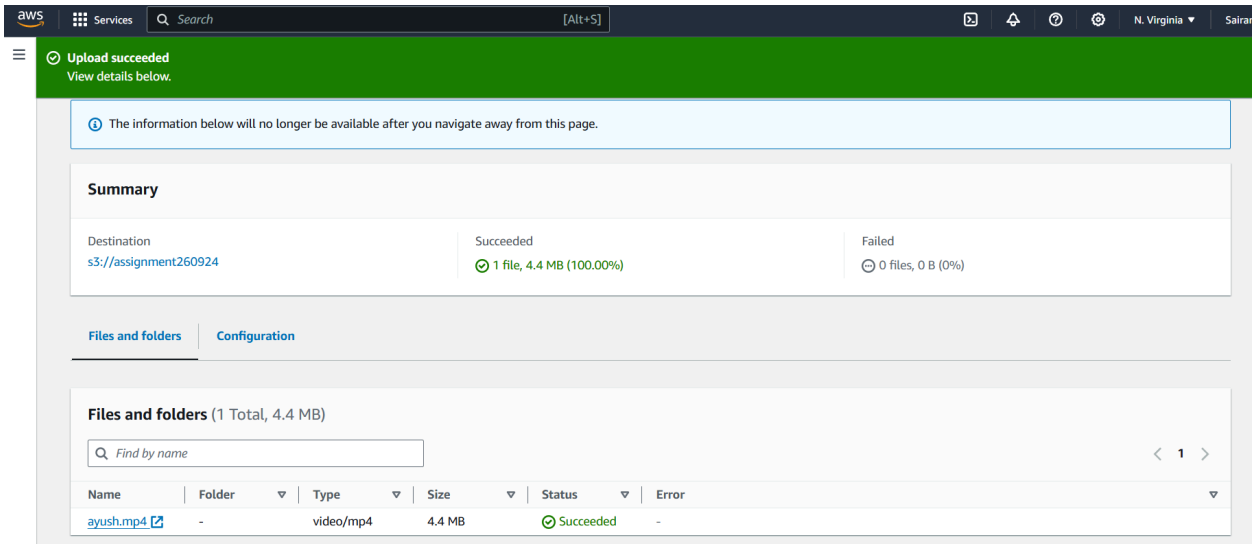
Click on the **Upload** button.



You can either **Add files** or drag and drop your video file into the designated area. Make sure the file has an **.mp4 extension**, as we need to host a video.

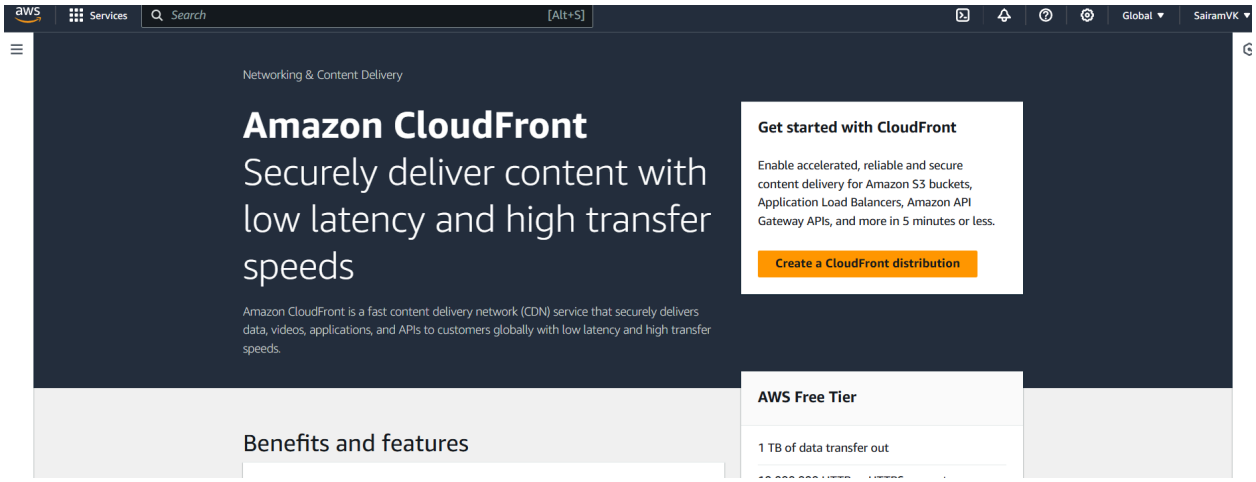


Once selected, click **Upload** to start the uploading process.

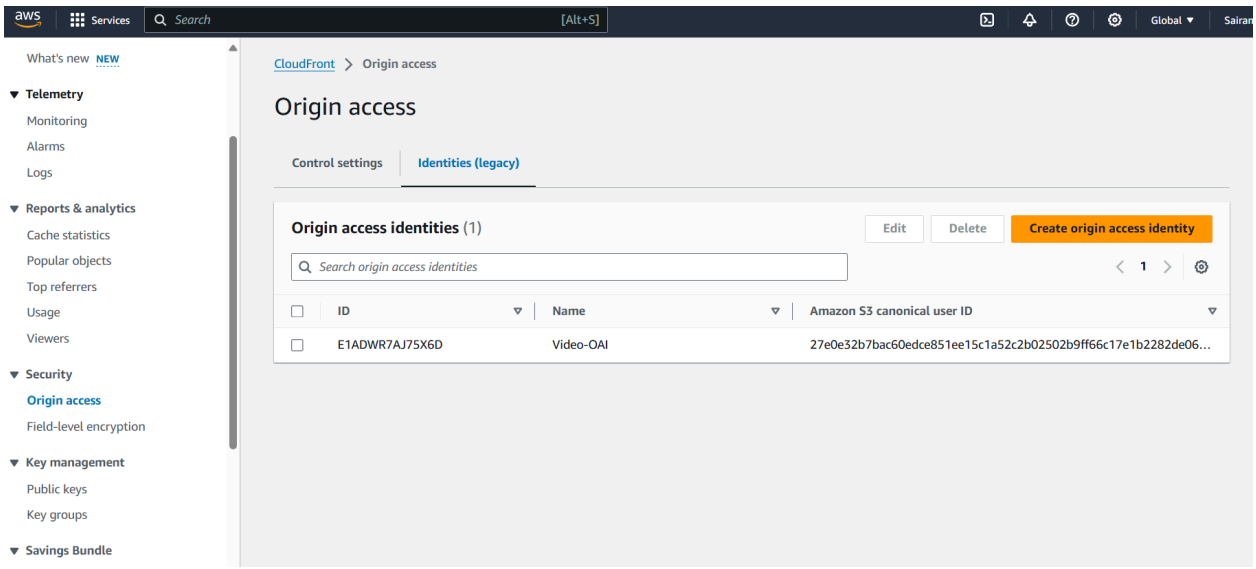


Step 2: Set up CloudFront

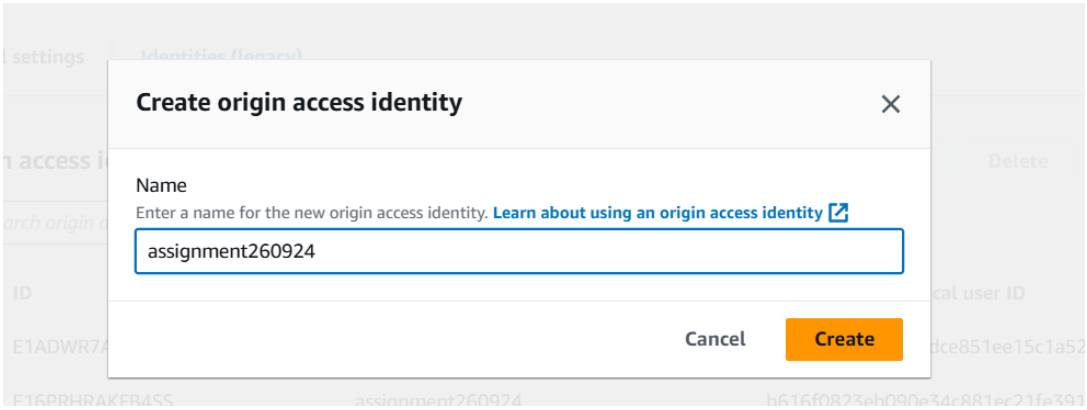
1) As the video is being uploaded. Search for CloudFront on the services tab and open it in a new tab

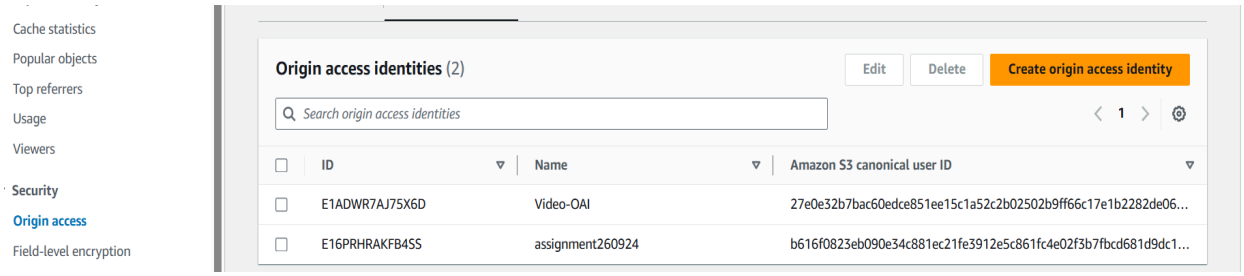


2) On the left pane, under security, you will find origin access. Click on it, then click on Identities (legacy). Click on Create origin access identity.

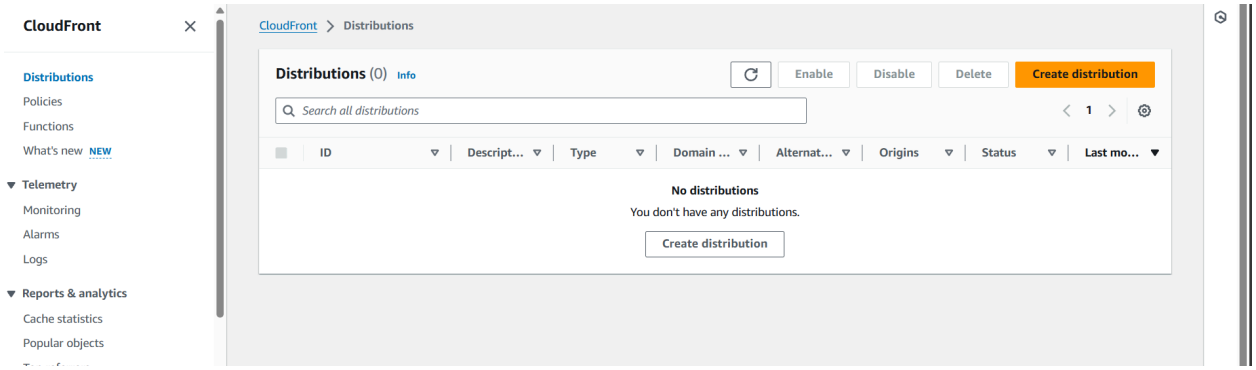


Give the identity a name and click in create.

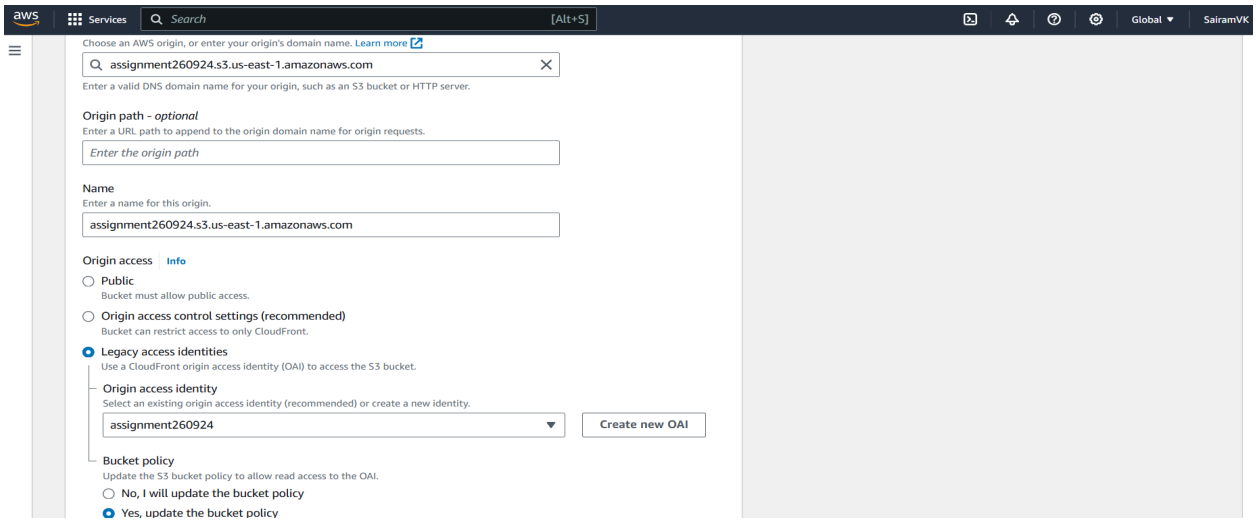




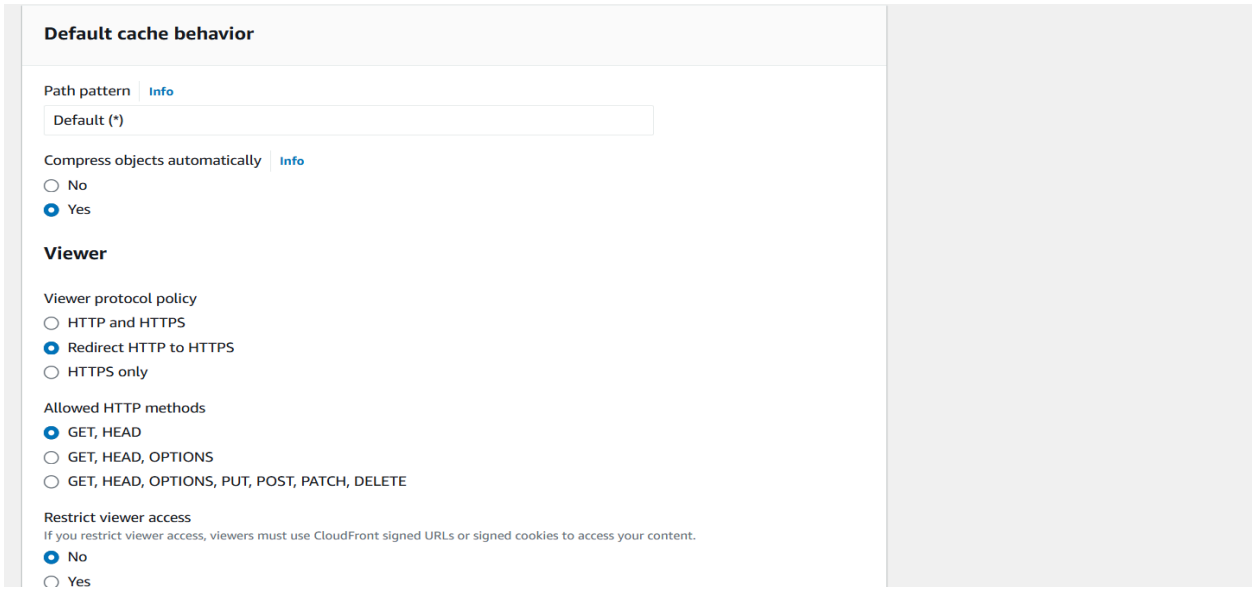
Now, go back to Distributions on the left pane and click on Create a CloudFront distribution.



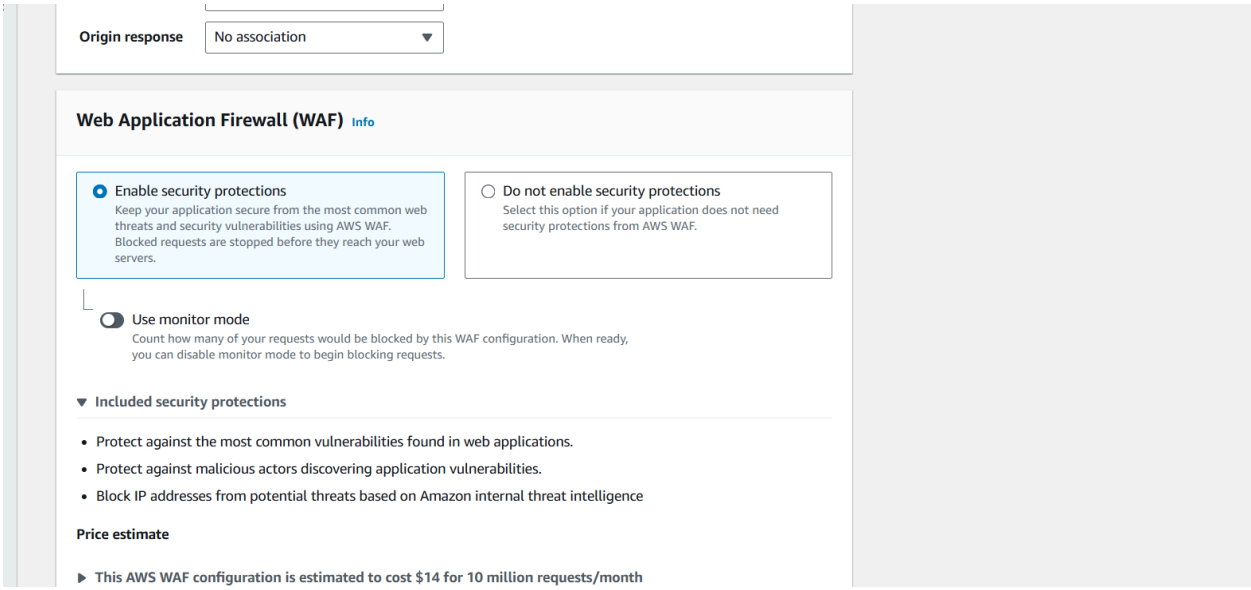
3) Here, in the origin field, select the s3 bucket where the video is uploaded. Under Origin Access, select Legacy access identities. Here, under Origin access identities, select the identity that you have created. Under bucket policy, select Yes, update bucket policy.



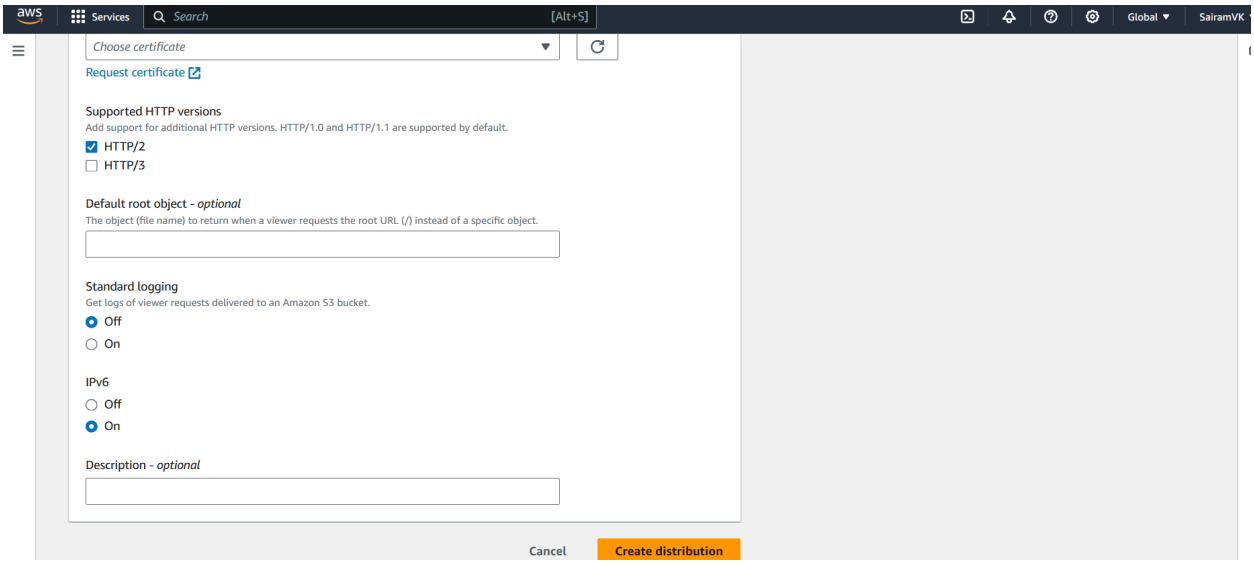
In Default Cache behaviour, under viewer, select Redirect HTTP to HTTPS making the hosting secure.



Under Web Application Firewall, select Enable security protections to provide a layer of security.

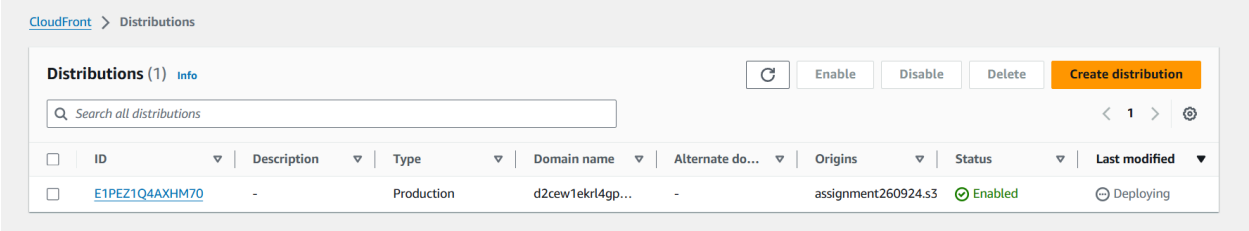


Keep remaining options as default and click on Create Distribution

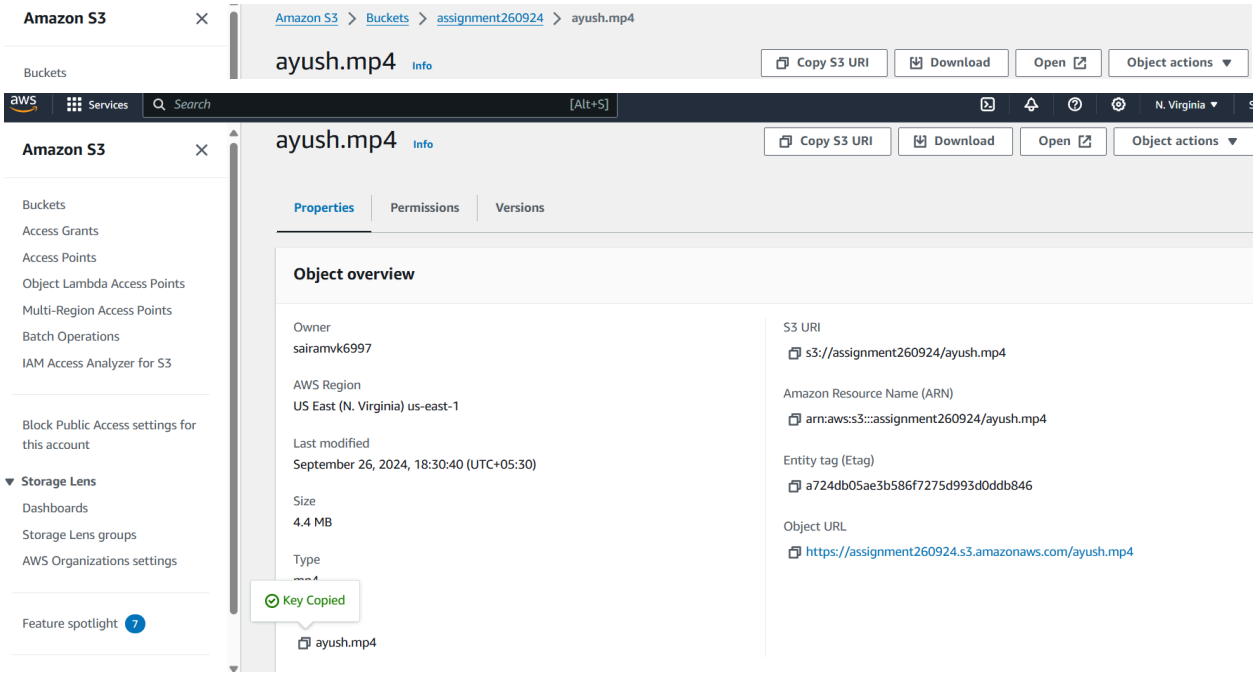


Step 3: Accessing the hosted video

1) Once the distribution is deployed, copy the domain name of your distribution.
For me : https://d2cew1ekrl4gp1.cloudfront.net



2) Now, go to the S3 bucket and click on its name. Click on the name of the video you have uploaded. There you will find a key, copy that. For me key is : ayush.mp4



3) Combine the Domain name of the distribution and the key of the video to make your final link of the video that is streamed. <distributed domain name/video key>

For me: https://d2cew1ekrl4gp1.cloudfront.net/ayush.mp4
or
d2cew1ekrl4gp1.cloudfront.net/ayush.mp4