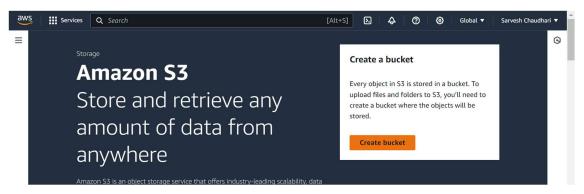
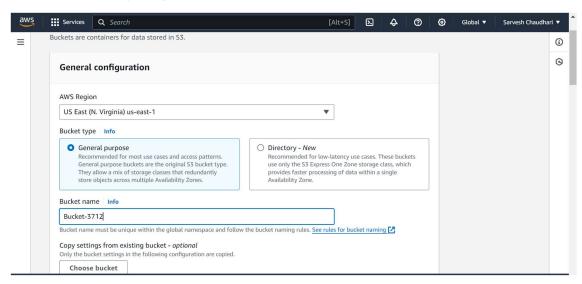
Objective :- Understanding S3 Buckets and its use

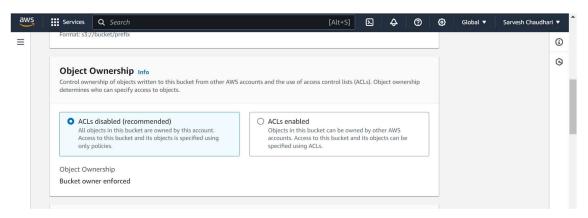
Steps:-

Now create Storage S3

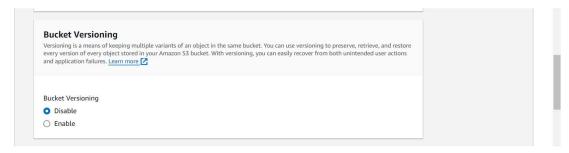


Name should be unique in global

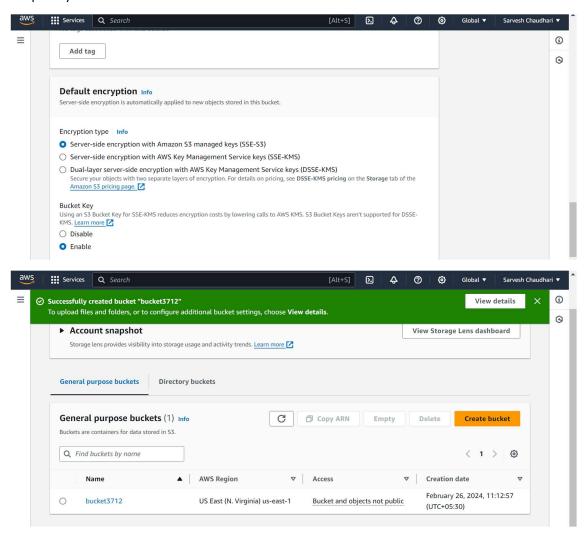




Bucket versioning allows us to preserve, retrieve and restore objects.

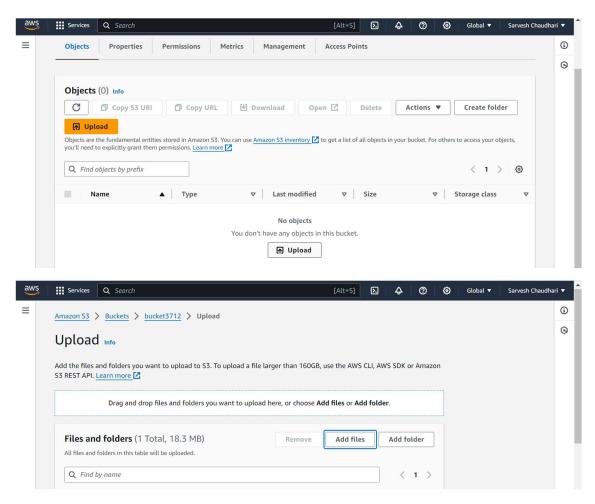


Keep all by-default

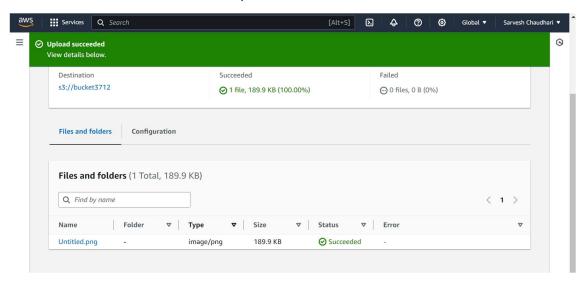


Now click on bucket name to enter into bucket

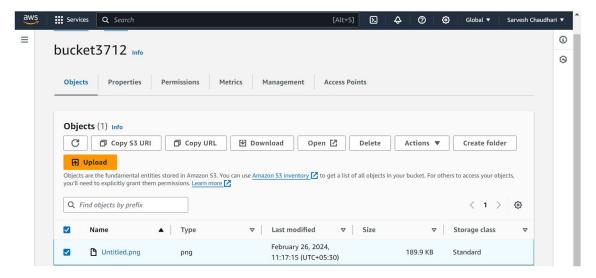
To upload file in bucket click on Upload files



Select file then Scroll down and click on upload

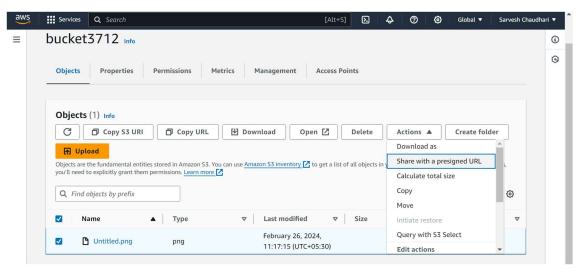


File uploaded successfully



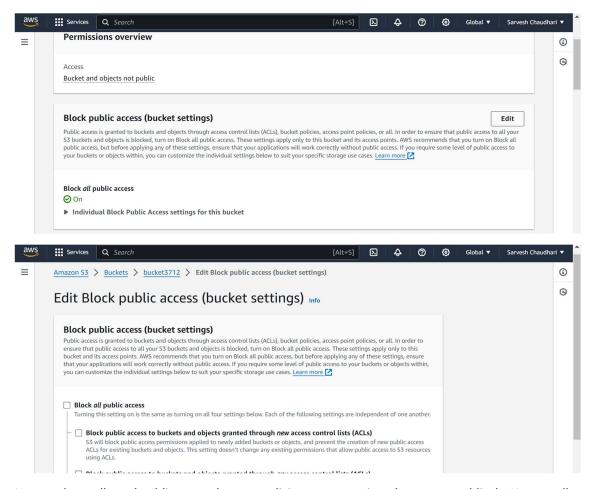
This file can not be directly accessible as we kept bucket private.

Using copy url option we can not see the file content to view this file we can select file then in action select 'Share with Presigned URL'

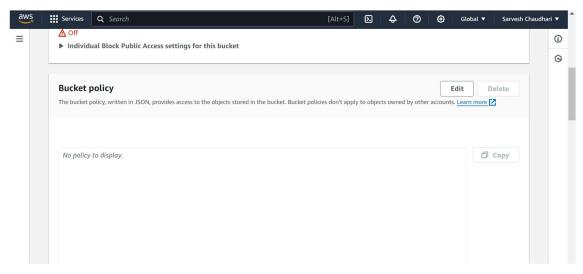


Select the time for this link is active then click on create

Now to allow the public access permission go to permission > Block Public access > edit >
 Untick the box



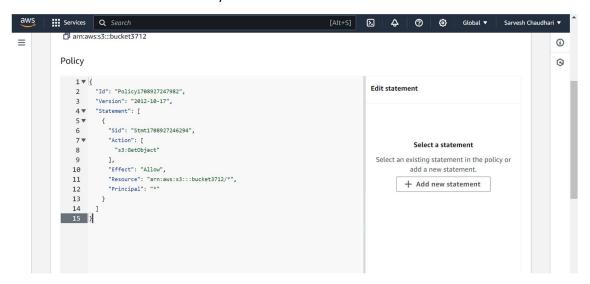
Now we have allowed public access but our policies are not assigned to access publicaly. Now scroll down and go to Bucket Policy > edit



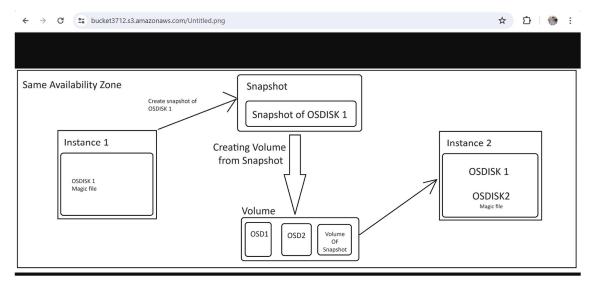
Now create policy using Policy Genrator



Now add Statement > Generate Policy



Now save changes.

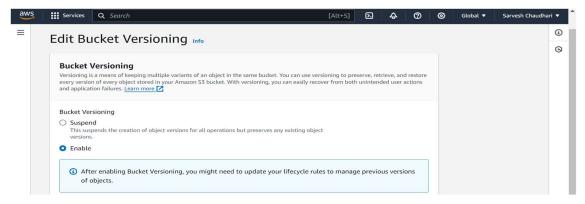


As we give permission here we can see that within the link we can access content.

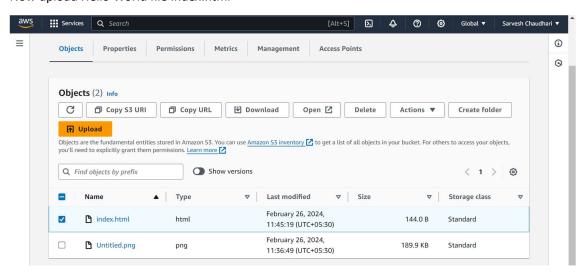
Now lets see how versioning work

Now go to properties > Bucket Versioning >

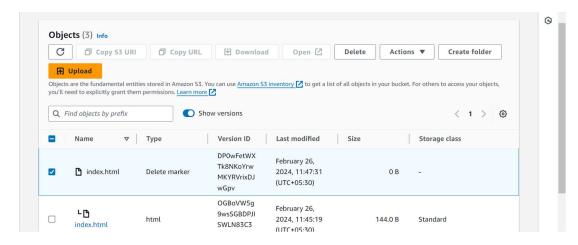
Now select the file go to permissions scroll down and edit Static Website Hosting.



Now upload Hello World file Index.html

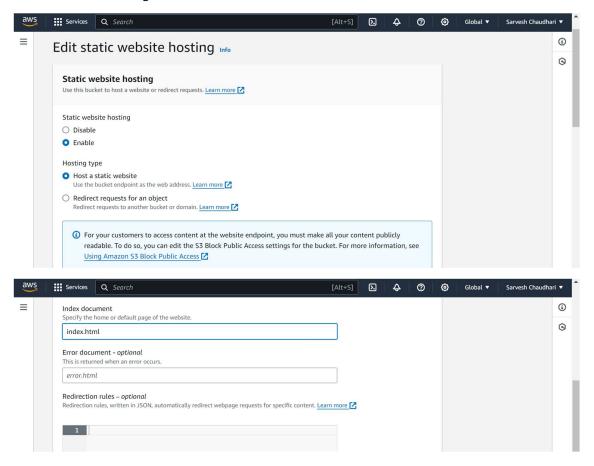


Now delete file. The deleted file is visible in show versions as Delete Marker



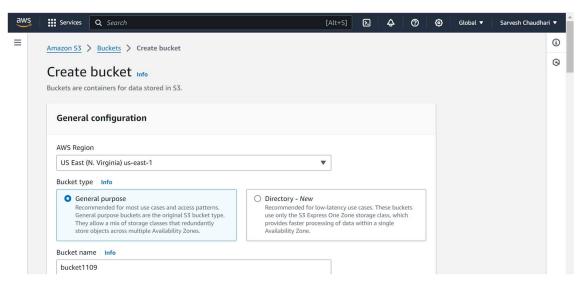
When we delete this delete marker type file we will retrieve this document from the versions

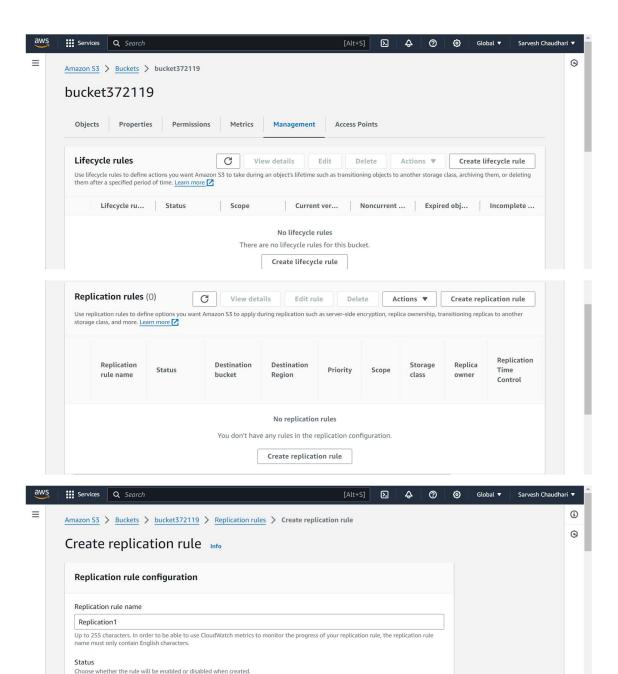
Website hosting



• Bucket replication

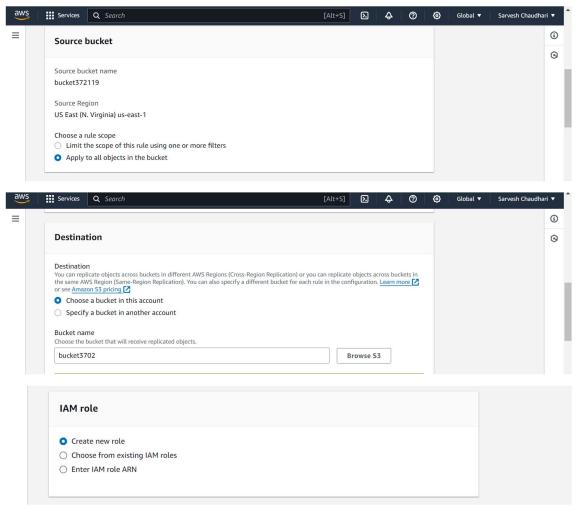
Create another bucket



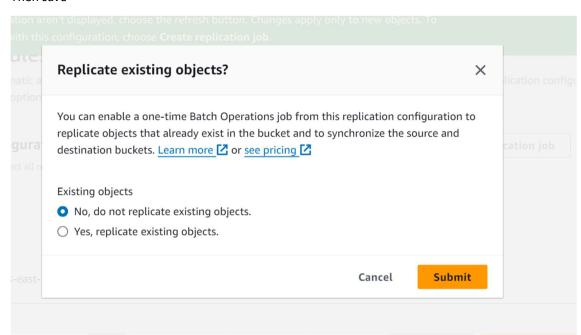


The priority value resolves conflicts that occur when an object is eligible for replication under multiple rules to the same destination. The rule is added to the configuration at the highest priority and the priority can be changed on the replication rules table.

EnabledDisabledPriority



Then save



Now upload file to bucket 3702 it will appear in bucket 372119

