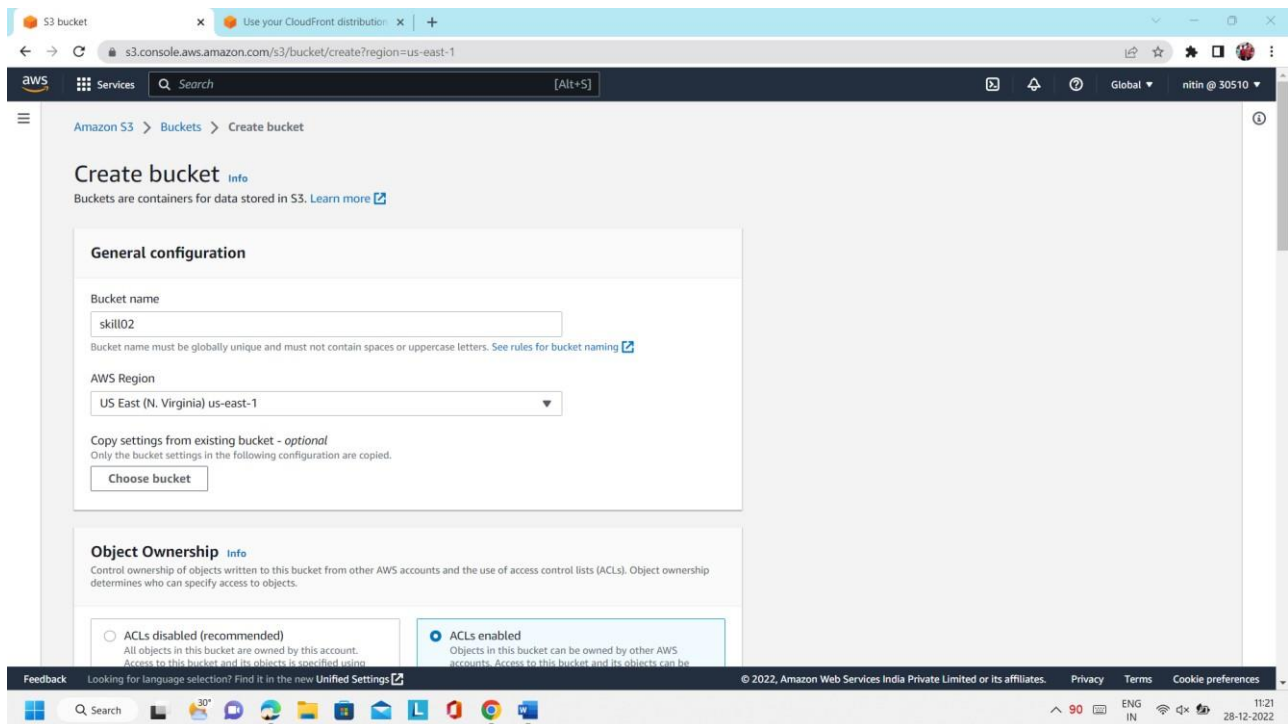


CSC-SKILL-02

Name: K.Nitin reddy

Id:2000030510

Sec:13



S3 bucket

Use your CloudFront distribution

s3.console.aws.amazon.com/s3/bucket/create?region=us-east-1

### Block Public Access settings for this bucket

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.
- ☐ **Block public access to buckets and objects granted through new access control lists (ACLs)**  
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.
- ☐ **Block public access to buckets and objects granted through any access control lists (ACLs)**  
S3 will ignore all ACLs that grant public access to buckets and objects.
- ☐ **Block public access to buckets and objects granted through new public bucket or access point policies**  
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.
- ☐ **Block public and cross-account access to buckets and objects through any public bucket or access point policies**  
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

**Turning off block all public access might result in this bucket and the objects within becoming public**  
AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

☒ I acknowledge that the current settings might result in this bucket and the objects within becoming public.

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S3 Management Console

Use your CloudFront distribution

s3.console.aws.amazon.com/s3/buckets?region=us-east-1

### Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

Access analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

**Successfully created bucket "skill02"**  
To upload files and folders, or to configure additional bucket settings choose [View details](#).

**Get hands-on guidance on how to get started with S3 Intelligent-Tiering and experience automatic storage cost savings.** [View tutorial](#)

Amazon S3 > Buckets

**Account snapshot**  
Last updated: Dec 26, 2022 by Storage Lens. Metrics are generated every 24 hours. [Learn more](#)

[View Storage Lens dashboard](#)

Total storage	Object count	Average object size	You can enable advanced metrics in the "default-account-dashboard" configuration.
257.9 KB	16	16.1 KB	

**Buckets (2)** [Info](#)

Buckets are containers for data stored in S3. [Learn more](#)

[Refresh](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

Name	AWS Region	Access	Creation date
<input type="radio"/> skill02	US East (N. Virginia) us-east-1	<a href="#">Objects can be public</a>	December 28, 2022, 11:21:46 (UTC+05:30)
<input type="radio"/> static-website-hosting12	US East (N. Virginia) us-east-1	<a href="#">Objects can be public</a>	December 21, 2022, 11:24:56 (UTC+05:30)

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skill02 - S3 bucket x Use your CloudFront distribution x +

s3.console.aws.amazon.com/s3/bucket/skill02/property/versioning/edit?region=us-east-1

aws Services Search [Alt+S]

Amazon S3

- Buckets
- Access Points
- Object Lambda Access Points
- Multi-Region Access Points
- Batch Operations
- Access analyzer for S3

Block Public Access settings for this account

Storage Lens

- Dashboards
- AWS Organizations settings

Feature spotlight 3

AWS Marketplace for S3

## Edit Bucket Versioning [Info](#)

### Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning

☐ Suspend  
This suspends the creation of object versions for all operations but preserves any existing object versions.

☒ Enable

After enabling Bucket Versioning, you might need to update your lifecycle rules to manage previous versions of objects.

Multi-factor authentication (MFA) delete  
An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. [Learn more](#)

Disabled

Cancel **Save changes**

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skill02 - S3 bucket x Use your CloudFront distribution x +

s3.console.aws.amazon.com/s3/bucket/skill02/property/website/edit?region=us-east-1

aws Services Search [Alt+S]

Amazon S3

- Buckets
- Access Points
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Block Public Access settings for this account

Storage Lens

- Dashboards
- AWS Organizations settings

Feature spotlight 3

AWS Marketplace for S3

## Static website hosting [Learn more](#)

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

☐ Disable

☒ Enable

Hosting type

☒ Host a static website  
Use the bucket endpoint as the web address. [Learn more](#)

☐ Redirect requests for an object  
Redirect requests to another bucket or domain. [Learn more](#)

For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#)

Index document  
Specify the home or default page of the website.

test.html

Error document - optional  
This is returned when an error occurs.

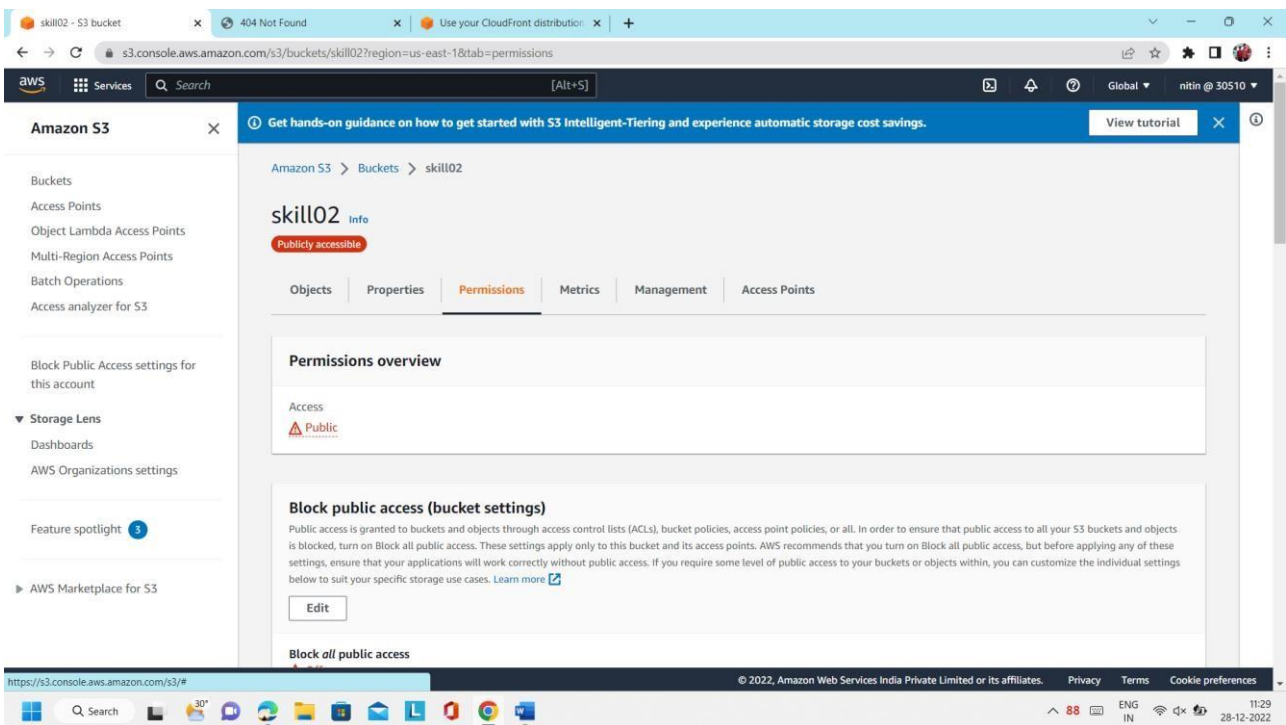
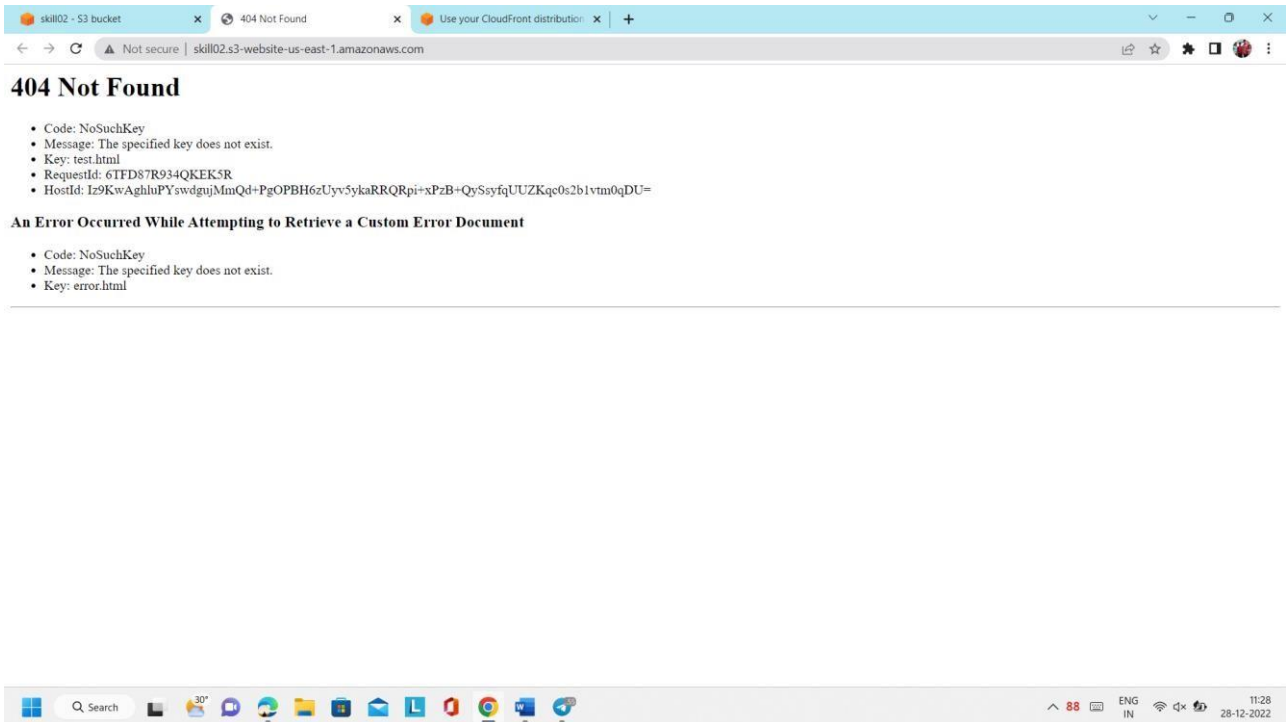
error.html

Redirection rules - optional  
Redirection rules, written in JSON, automatically redirect webpage requests for specific content. [Learn more](#)

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skill02 - S3 bucket x Use your CloudFront distribution x

s3.console.aws.amazon.com/s3/bucket/skill02/property/policy/edit?region=us-east-1

Amazon S3

Buckets

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Feature spotlight

AWS Marketplace for S3

### Edit bucket policy

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

[Policy examples](#) [Policy generator](#)

Bucket ARN

arn:aws:s3:::skill02

Policy

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Sid": "AddPerm",
6       "Effect": "Allow",
7       "Principal": "*",
8       "Action": [
9         "s3:GetObject"
10      ],
11      "Resource": [
12        "arn:aws:s3:::skill02/*"
13      ]
14    }
15  ]
16 }
```

Edit statement

AddPerm

Remove

1. Add actions

Choose a service

Filter services

Included

S3

Available

AMP

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S3 Management Console x 404 Not Found x Use your CloudFront distribution x

s3.console.aws.amazon.com/s3/upload/skill02?region=us-east-1

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose [Add files](#), or [Add folders](#).

### Files and folders (16 Total, 257.3 KB)

All files and folders in this table will be uploaded.

Find by name

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	README.md	-	-	1.3 KB
<input type="checkbox"/>	cities.md	-	-	4.1 KB
<input type="checkbox"/>	config.js	scripts/	text/javascript	34.0 B
<input type="checkbox"/>	error.html	-	text/html	20.0 B
<input type="checkbox"/>	favicon.ico	-	image/x-icon	1.4 KB
<input type="checkbox"/>	helper.js	scripts/	text/javascript	2.1 KB
<input type="checkbox"/>	index.html	-	text/html	109.0 B
<input type="checkbox"/>	jquery_3.3.1.min.js	scripts/	text/javascript	84.9 KB
<input type="checkbox"/>	mobile.jpg	images/	image/jpeg	151.4 KB
<input type="checkbox"/>	reset.css	styles/	text/css	1.1 KB

Destination

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