

CSC-SKILL-03

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Sec:13

Create an AWS CloudFront Distribution for Content Delivery Network to restrict s3 bucket.

The screenshot shows the AWS CloudFront console in the 'us-east-1' region, specifically the 'Create distribution' page. The breadcrumb navigation is 'CloudFront > Distributions > create'. The form is titled 'Create distribution' and contains the following sections:

- Origin**
 - Origin domain**: A text input field with the value 'skill02.s3.us-east-1.amazonaws.com'. Below it, a note says 'Choose an AWS origin, or enter your origin's domain name.'
 - Origin path - optional**: A text input field with the placeholder 'Enter the origin path'. A note below says 'Enter a URL path to append to the origin domain name for origin requests.'
 - Name**: A text input field with the value 'skill02.s3.us-east-1.amazonaws.com'. A note below says 'Enter a name for this origin.'
 - Origin access**: Three radio button options:
 - ☐ Public: 'Bucket must allow public access.'
 - ☐ Origin access control settings (recommended): 'Bucket can restrict access to only CloudFront.'
 - ☒ Legacy access identities: 'Use a CloudFront origin access identity (OAI) to access the S3 bucket.'

The bottom of the screenshot shows the Windows taskbar with various application icons and the system clock displaying 11:52 on 28-12-2022.

S3 Management ConsoleCloudFront

us-east-1.console.aws.amazon.com/cloudfront/v3/home?region=us-east-1#/distributions/create

ServicesSearch[Alt+S]

Name

Enter a name for this origin.

skill02.s3.us-east-1.amazonaws.com

Origin accessInfo

☐ Public

Bucket must allow public access.

☐ Origin access control settings (recommended)

Bucket can restrict access to only CloudFront.

☒ Legacy access identities

Use a CloudFront origin access identity (OAI) to access the S3 bucket.

Origin access identity

Select an existing origin access identity (recommended) or create a new identity.

skill02.s3.us-east-1.amazonaws.com

Create new OAI

Bucket policy

Update the S3 bucket policy to allow read access to the OAI.

☐ No, I will update the bucket policy

☒ Yes, update the bucket policy

Add custom header - optional

CloudFront includes this header in all requests that it sends to your origin.

Add header

Enable Origin ShieldInfo

Feedback

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S3 Management ConsoleCloudFront

us-east-1.console.aws.amazon.com/cloudfront/v3/home?region=us-east-1#/distributions/create

ServicesSearch[Alt+S]

Path patternInfo

Default (*)

Compress objects automaticallyInfo

☐ No

☒ Yes

Viewer

Viewer protocol policy

☐ HTTP and HTTPS

☒ Redirect HTTP to HTTPS

☐ HTTPS only

Allowed HTTP methods

☒ GET, HEAD

☐ GET, HEAD, OPTIONS

☐ GET, HEAD, OPTIONS, PUT, POST, PATCH, DELETE

Restrict viewer access

If you restrict viewer access, viewers must use CloudFront signed URLs or signed cookies to access your content.

☒ No

☐ Yes

Cache key and origin requests

We recommend using a cache policy and origin request policy to control the cache key and origin requests.

☒ Cache policy and origin request policy (recommended)

☐ Long-term cache settings

Feedback

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