

CloudFront Distribution

STEP-1: Create S3 Bucket with Static Website Enabled

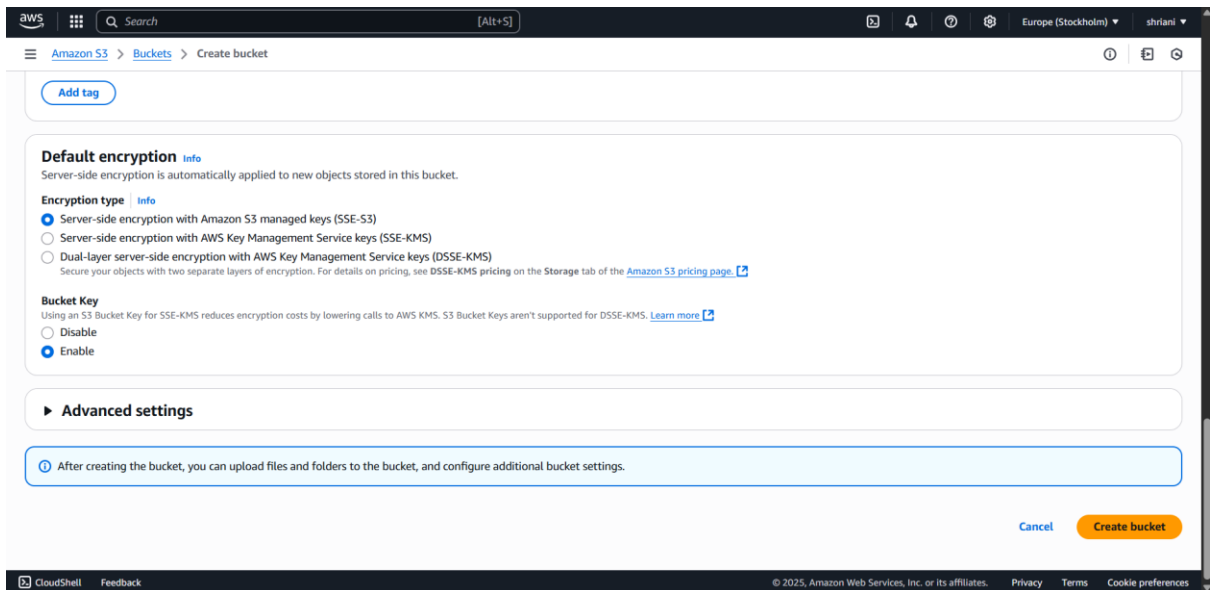
1. Create S3 Bucket
2. Give Bucket Name

The screenshot shows the 'Create bucket' page in the AWS S3 console. The breadcrumb navigation is 'Amazon S3 > Buckets > Create bucket'. The page title is 'Create bucket' with an 'info' link. A note states: 'Buckets are containers for data stored in S3.' The 'General configuration' section is active. Under 'AWS Region', 'Europe (Stockholm) eu-north-1' is selected. Under 'Bucket type', 'General purpose' is selected with a blue border. A description for 'General purpose' says: 'Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.' The 'Directory' option is also visible. Under 'Bucket name', 'cloudfront' is entered in the text field. A note below the field states: 'Bucket names must be 3 to 63 characters and unique within the global namespace. Bucket names must also begin and end with a letter or number. Valid characters are a-z, 0-9, periods (.), and hyphens (-). [Learn More](#)'. The 'Copy settings from existing bucket - optional' section has a 'Choose bucket' button. The 'Object Ownership' section shows 'ACLs enabled' selected.

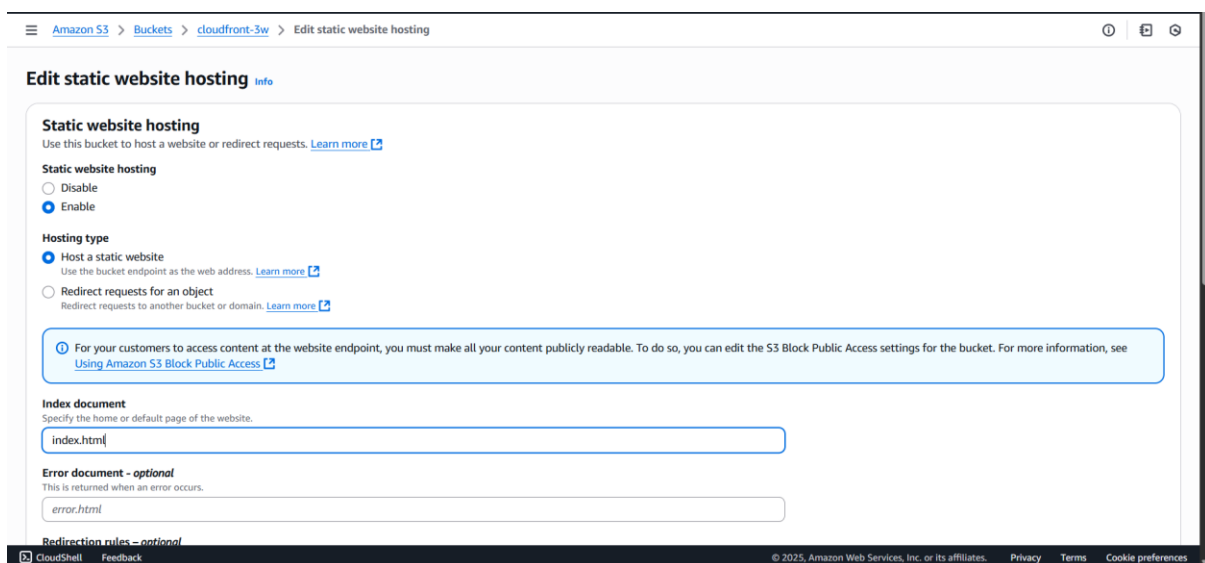
3. ACL should be able public
4. Uncheck Block all access
5. Check the box for *I acknowledge that the current settings*

The screenshot shows the 'Object Ownership' and 'Block Public Access' sections of the 'Create bucket' page. In the 'Object Ownership' section, 'ACLs enabled' is selected. A yellow warning box states: 'We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.' Under 'Object Ownership', 'Bucket owner preferred' is selected. A note says: 'If new objects written to this bucket specify the bucket-owner-full-control canned ACL, they are owned by the bucket owner. Otherwise, they are owned by the object writer.' Below this, a blue box contains a note: 'If you want to enforce object ownership for new objects only, your bucket policy must specify that the bucket-owner-full-control canned ACL is required for object uploads. [Learn more](#)'. The 'Block Public Access settings for this bucket' section has 'Block all public access' checked. A note below it says: 'Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.' Below that, 'Block public access to buckets and objects granted through new access control lists (ACLs)' is also checked. A note at the bottom states: '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.'

6. Create Bucket



7. Amazon S3 → Buckets → **bucket name** (give your bucket name here)
8. Choose Properties → Edit Static website hosting
9. **Enable static website hosting**
10. Enter index.html for Name of Index Document
11. Save Changes



Upload two files

Amazon S3 > Buckets > cloudfront-3w > Upload

Upload info

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

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (2 total, 5.7 MB)

All files and folders in this table will be uploaded.

Find by name

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	DSC_0001.JPG	-	image/jpeg	5.7 MB
<input type="checkbox"/>	index.html	-	text/html	254.0 B

Destination info

Destination

s3://cloudfront-3w

Destination details

Bucket settings that impact new objects stored in the specified destination.

Permissions

CloudShell Feedback

Navigate to cloud front and create a distribution

Networking & Content Delivery

Amazon CloudFront

Securely deliver content with low latency and high transfer speeds

Amazon CloudFront is a fast content delivery network (CDN) service that securely delivers data, videos, applications, and APIs to customers globally with low latency and high transfer speeds.

Get started with CloudFront

Enable accelerated, reliable and secure content delivery for Amazon S3 buckets, Application Load Balancers, Amazon API Gateway APIs, and more in 5 minutes or less.

Create a CloudFront distribution

Benefits and features

Reduce latency

The CloudFront network has 225+ points of presence (PoPs) that are connected by fully redundant, parallel 100 GbE fiber delivering ultra-low latency performance and high availability to your end users. CloudFront automatically maps network conditions and intelligently routes your user's traffic when serving up cached or

Improve security

Use CloudFront for perimeter protection, traffic encryption, and access controls. AWS Shield Standard defends traffic transmitted through CloudFront from DDoS attacks at no additional charge. For application protection, you can integrate AWS WAF, managed rules, and managed third-party firewall options into

AWS Free Tier

1 TB of data transfer out

10,000,000 HTTP or HTTPS requests

2,000,000 CloudFront Function invocations

Each month, always free

Pricing (US)

First 1 TB data transfer free each month

Create a bucket

CloudFront > Distributions > Create

Create distribution

Distribution options

Choose the type of distribution that best fits your needs

Single website or app

Choose if you have a single app or website

Multi-tenant architecture - New

Choose when you have multiple domains that need to share configurations. This is a common architecture for SaaS providers.

Origin

Origin domain

Choose an AWS origin, or enter your origin's domain name. [Learn more](#)

cloudfront-3w.s3-website.eu-north-1.amazonaws.com

Enter a valid DNS domain name, such as an S3 bucket, HTTP server, or VPC origin ID.

Protocol

HTTP only

HTTPS only

Match viewer

HTTP port

Enter your origin's HTTP port. The default is port 80.

80

CloudShell

Feedback

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Successfully created new distribution.

To get in-depth monitoring information for your distribution's internet traffic, [create an Internet Monitor](#)

Notifications

0

0

1

1

0

url: http://d3dml5c4kjoj77.cloudfront.net

A screenshot of a web browser window. The address bar shows the URL 'http://d3dml5c4kjoj77.cloudfront.net'. The page content displays 'WELCOME TO CLOUD FRONT-53w' in a bold, black, sans-serif font. The browser's interface includes a back button, a search bar, and a bookmarks bar at the bottom.

URL: http://d3dml5c4kjoj77.cloudfront.net/DSC_0001.JPG

