

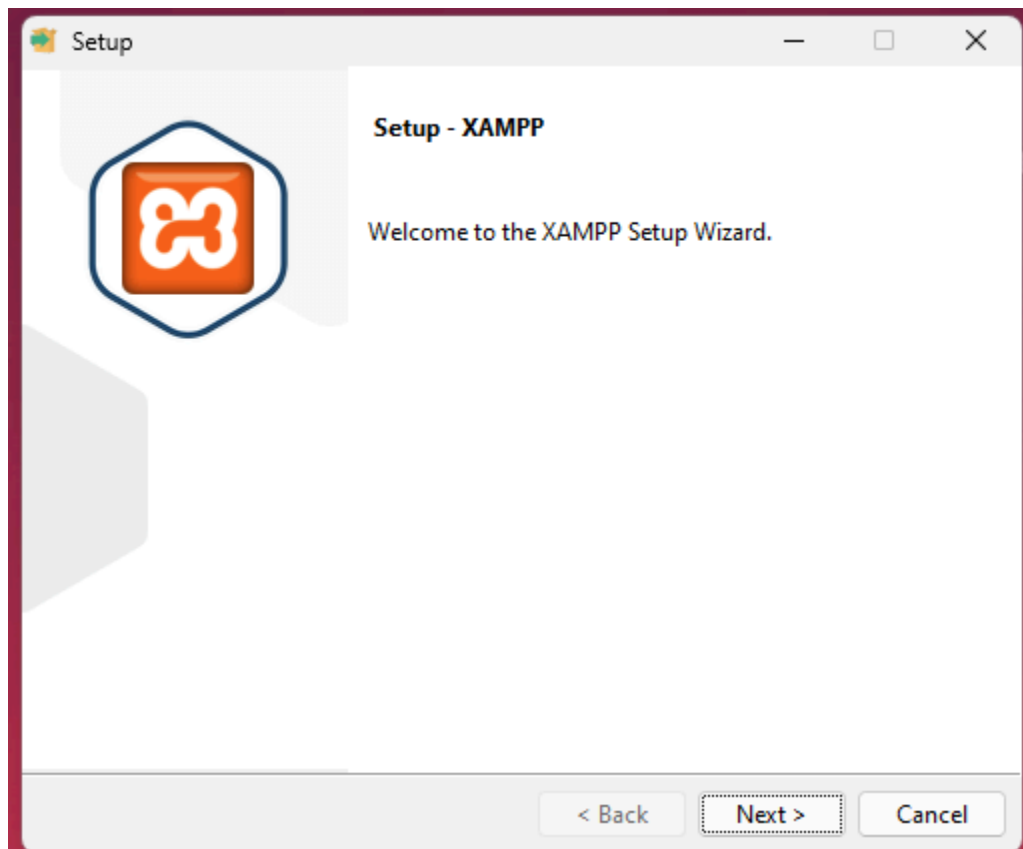
## STATIC HOSTING

### A. XAMPP

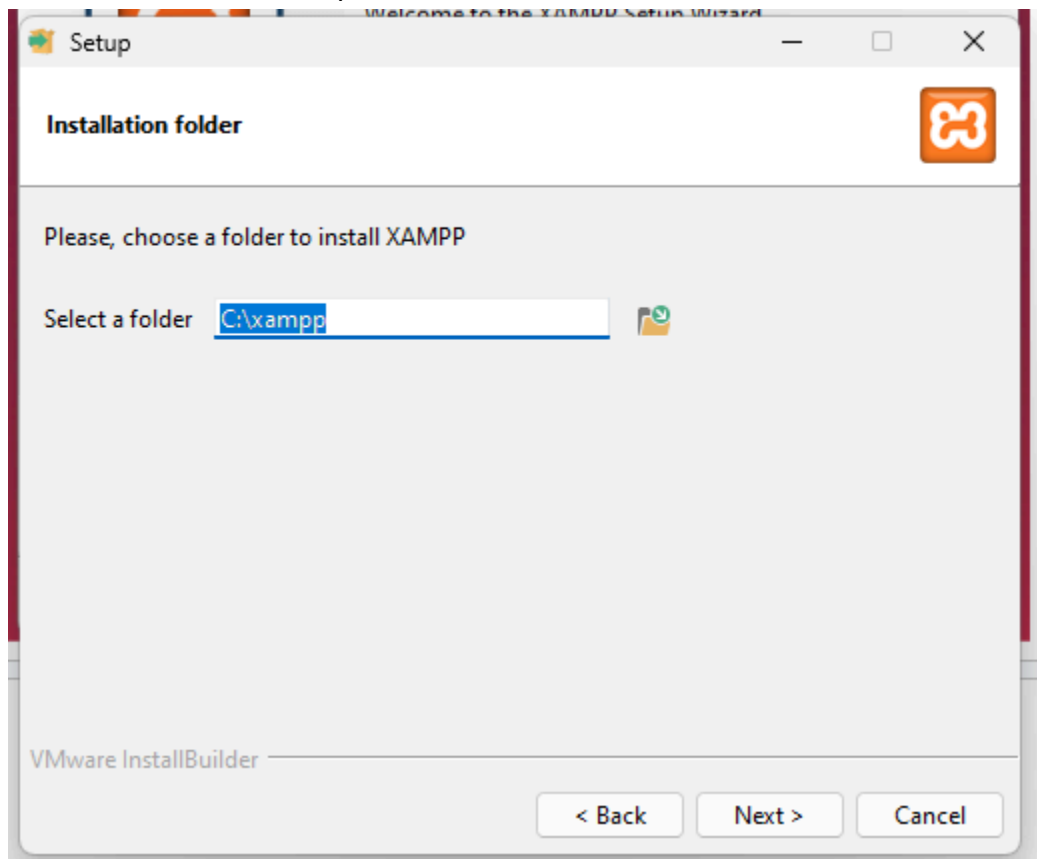
1. Download XAMPP setup.



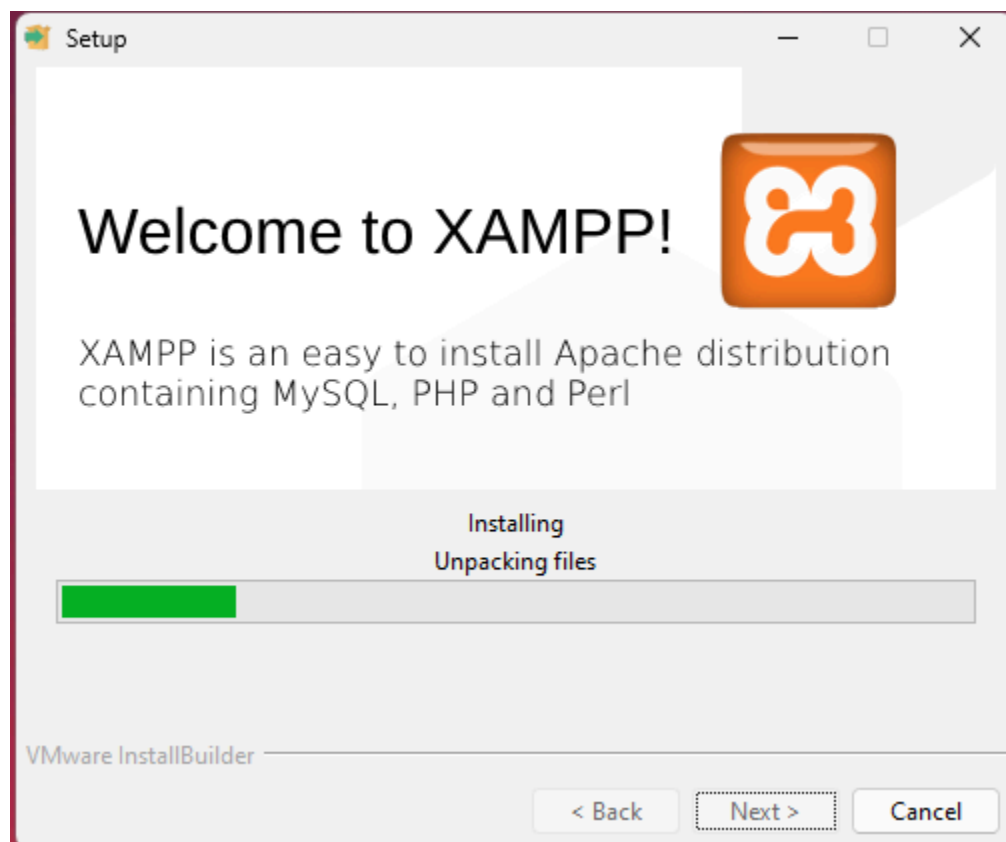
2. Open XAMPP setup.



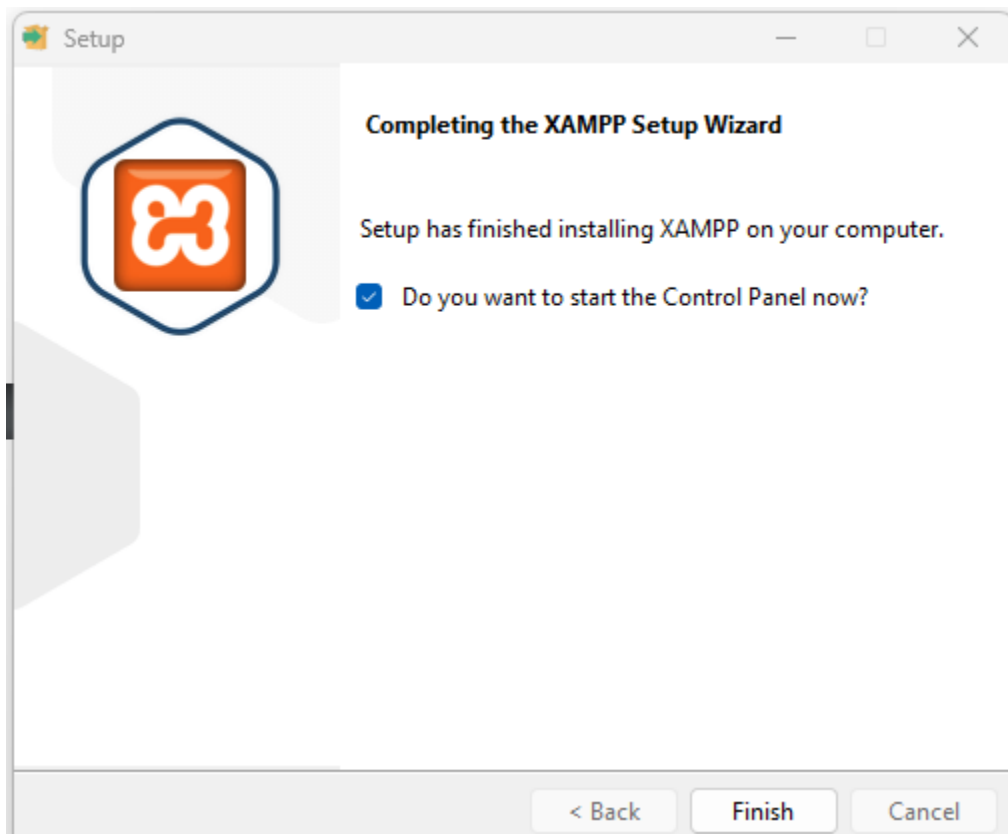
3. Follow the steps to install XAMPP



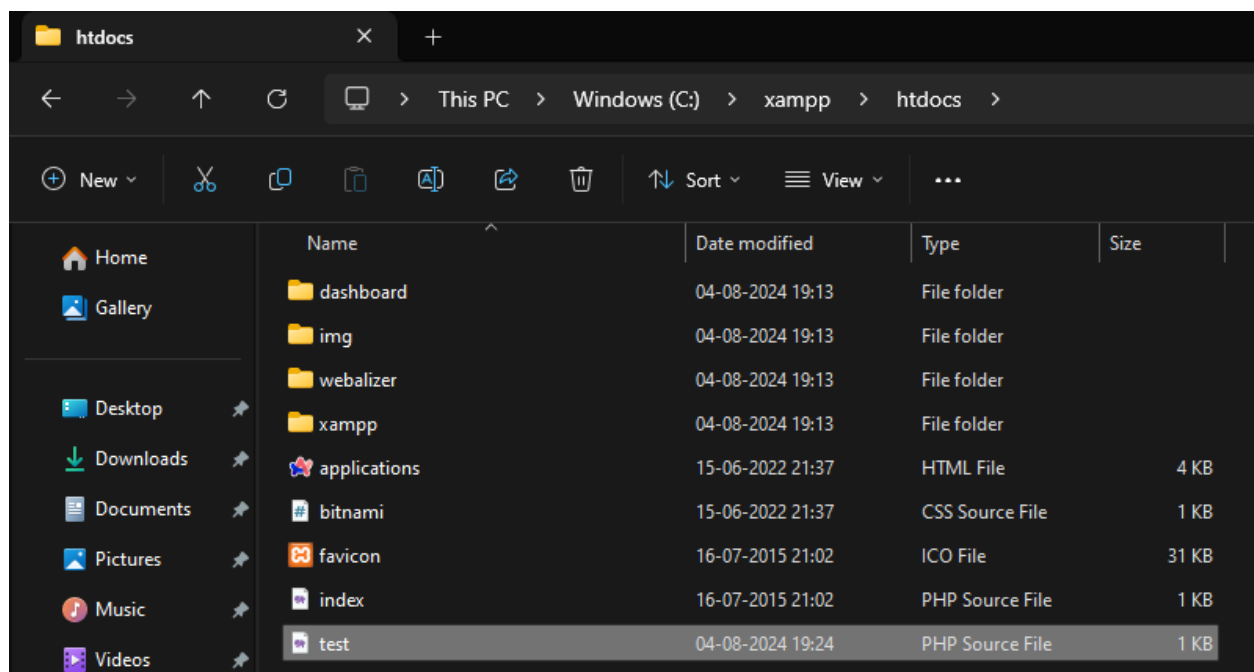
4. Wait for the install to complete.



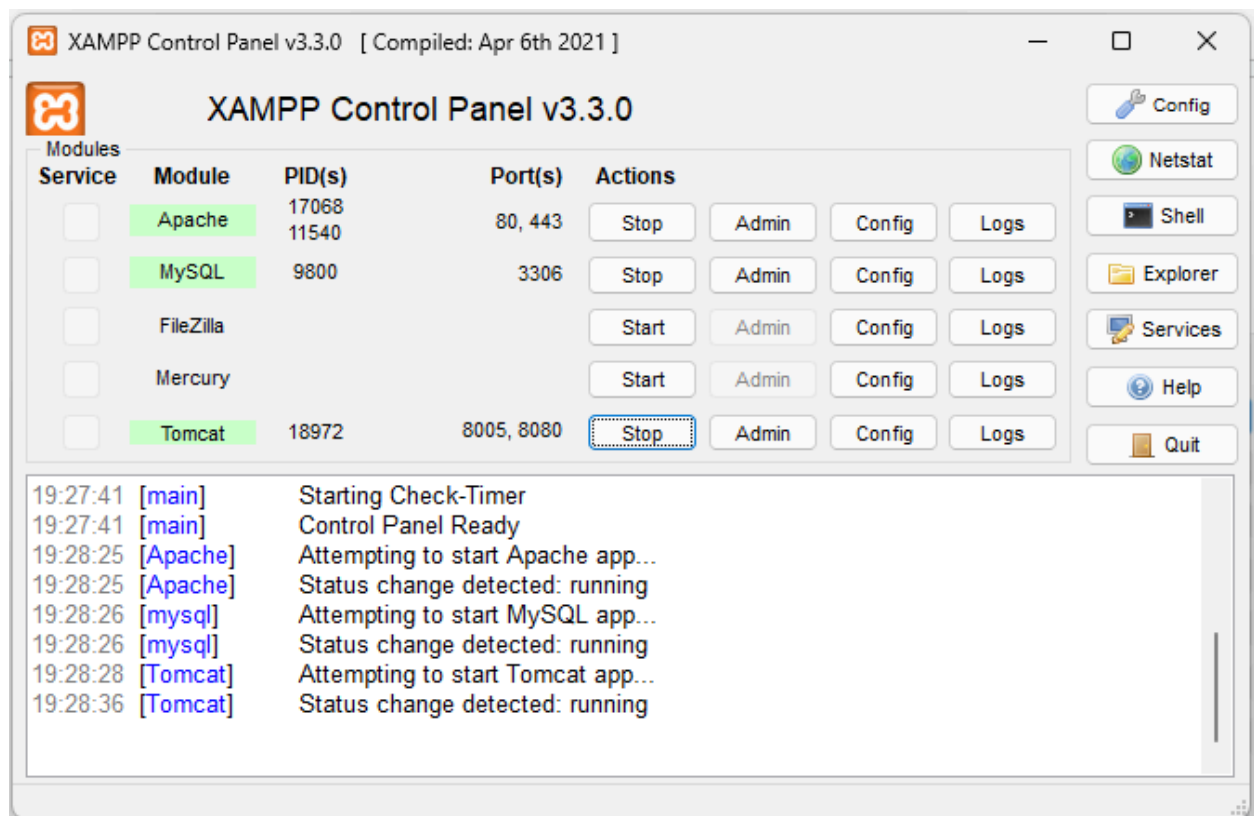
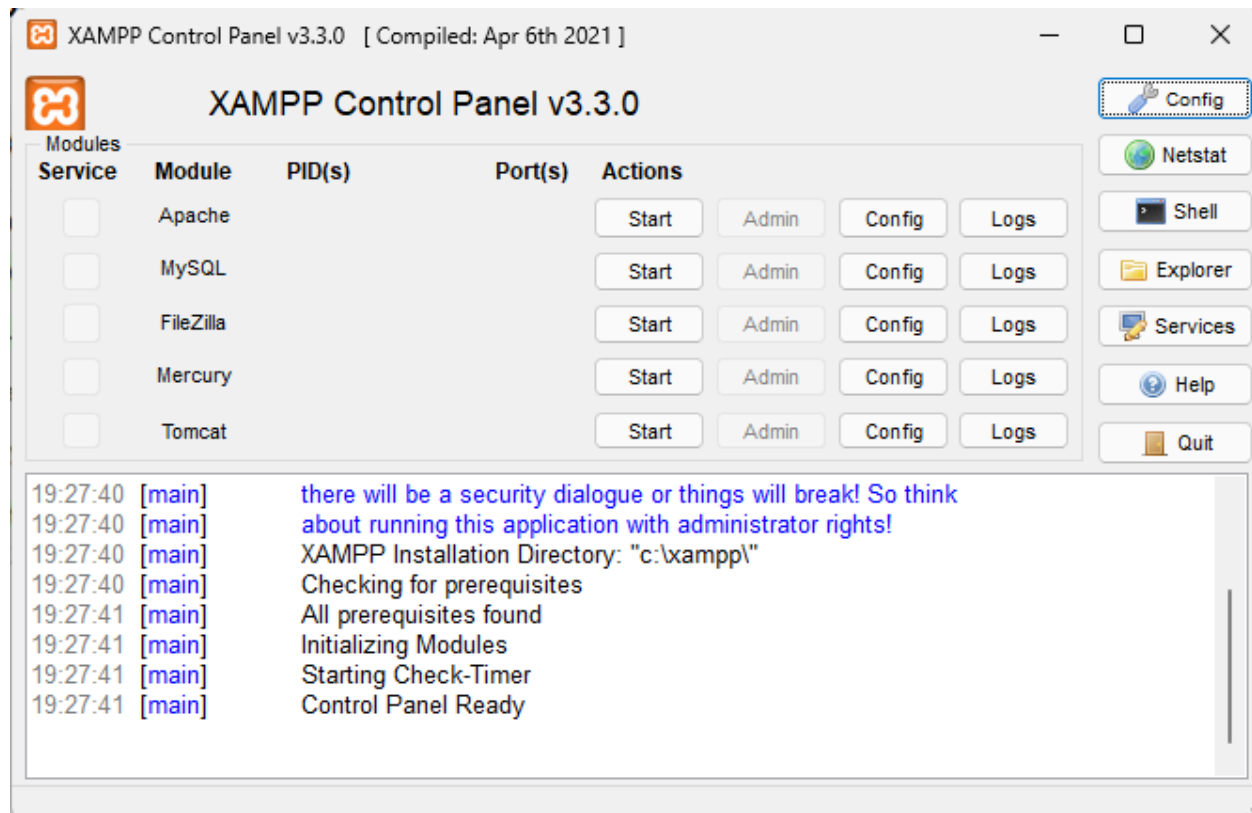
5. Click finish when the installation is complete.



6. Prepare a file with the .php extension in the htdocs folder of your XAMPP install directory



7. Open XAMPP control panel and start the required services.



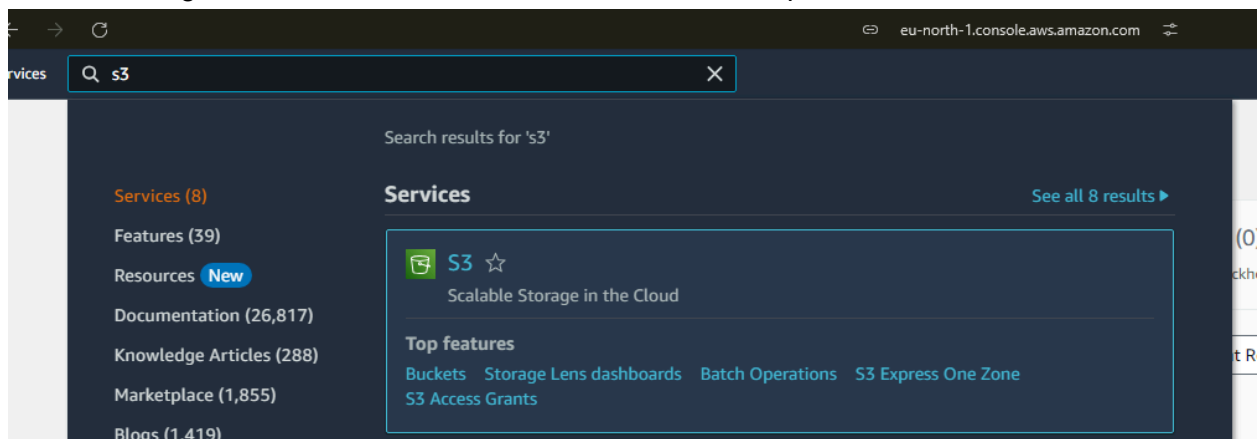
8.Type localhost/filename.php in your browser, the website will open.



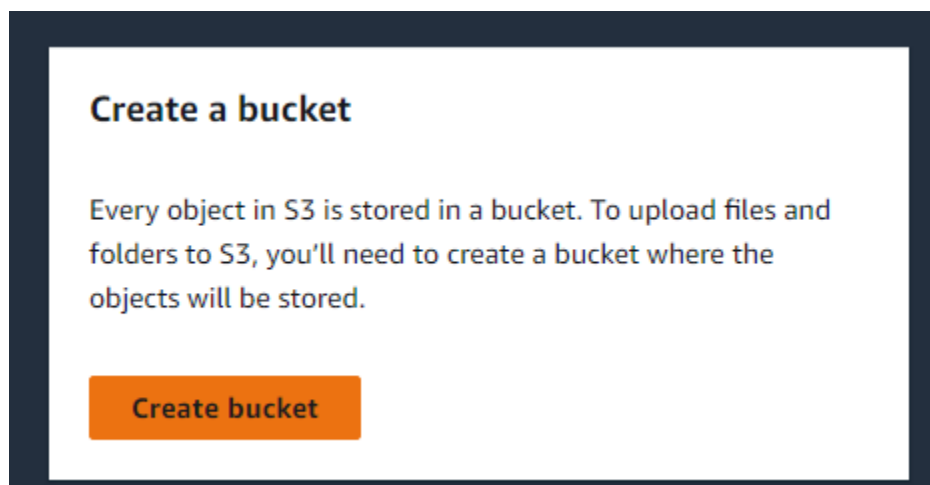
A screenshot of a web browser window. The address bar shows 'localhost'. The page title is 'Enter Your Information'. Below the title, there are two input fields: 'Name:' and 'Age:'. Below these fields is a 'Submit' button.

## B. AWS S3

1. Login to AWS, search s3 on the search bar and open it



2.click on create bucket



### 3. Give it a name and create the bucket with all other settings default

## General configuration

AWS Region  
Europe (Stockholm) eu-north-1

Bucket type [Info](#)

☒ **General purpose**  
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.

☐ **Directory - New**  
Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name [Info](#)

s3bucketroll30

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - *optional*  
Only the bucket settings in the following configuration are copied.

Choose bucket

Format: s3://bucket/prefix

### 4. Go to you bucket's properties

Amazon S3 > Buckets > s3bucketroll30

s3bucketroll30 [Info](#)

[Objects](#) [Properties](#) [Permissions](#) [Metrics](#) [Management](#) [Access Points](#)

**Bucket overview**

AWS Region Europe (Stockholm) eu-north-1	Amazon Resource Name (ARN) arn:aws:s3::s3bucketroll30	Creation date August 4, 2024, 19:48:32 (UTC+05:30)
---	--	---

**Bucket Versioning** [Edit](#)

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  
Disabled  
Multi-factor authentication (MFA) delete  
Disabled

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](#)

**Tags (0)** [Edit](#)

You can use bucket tags to track storage costs and organize buckets. [Learn more](#)

Key	Value
No tags associated with this resource.	

**Default encryption** [Info](#) [Edit](#)

## 5. Go to static website hosting and click edit

Static website hosting

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

Static website hosting

Disabled

Edit

## 6. Enable static hosting and input filenames as required

# Edit static website hosting

Info

## Static website hosting

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

## 7. Go to objects and click upload

Objects

Properties

Permissions

Metrics

Management

Access Points

Objects (0)

Info

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefix

< 1 > ⌕

Name

Type

Last modified

Size

Storage class

No objects

You don't have any objects in this bucket.

Upload

8. Click add file, add your files and click on upload

Amazon S3 > Buckets > s3bucketroll30 > 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 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 folder**.

**Files and folders (1 Total, 3.3 KB)** [Remove](#) [Add files](#) [Add folder](#)

All files and folders in this table will be uploaded.

< 1 >

<input type="checkbox"/>	Name	Folder
<input type="checkbox"/>	index.html	-

**Destination [Info](#)**

Destination  
s3://s3bucketroll30

► **Destination details**  
Bucket settings that impact new objects stored in the specified destination.

► **Permissions**  
Grant public access and access to other AWS accounts.

► **Properties**  
Specify storage class, encryption settings, tags, and more.

[Cancel](#) [Upload](#)

9. GO to properties > Static website hosting, there you will find the link to your website

Bucket website endpoint

When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://s3bucketroll30.s3-website.eu-north-1.amazonaws.com>



10. If you encounter an error go to properties and turn off the “block all public access” checkbox

### Block public access (bucket settings)

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 all your S3 buckets and 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 your buckets 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.

11. Goto bucket policy and click edit and write the following code

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Sid": "PublicReadGetObject",
6       "Effect": "Allow",
7       "Principal": {
8         "AWS": "*"
9       },
10      "Action": "s3:GetObject",
11      "Resource": "arn:aws:s3:::s3bucketroll130"
12    }
13  ]
14 }
15 }
```

12. Go to the link, the website is hosted

