S3 Static Website Hosting

What is Static Website Hosting?

Static Website Hosting is an exhibiting website that contains simple and static web components (e.g. HTML, CSS, images) without any server or database needs.

Static websites contain only static resources such as HTML, CSS, images, javascript, etc. They do not contain any application code and not have a database server. Because pages are stored in file storage, a static website provides exactly the same content on each request.

If you have a static website with a few photos, a CSS or HTML file, you can use Amazon S3 to host the whole thing and get a URL to show the world. Amazon S3 will provide the origin for your website as well as storage for your static content.

Static Website Hosting - Steps

- **Create** an S3 **bucket**.
- Grant **Public Access** to the bucket while creating
- **Upload content** for hosting as a website.
- Don't forget to grant Public Access to the content of the website.
- Enable **Static website hosting** on S3 Bucket.
- You may do the same thing by adding the Policy and Access Control List after creating a bucket and uploading the items. We 'll see also this method in in-class sessions/lab