

To host a static website on AWS S3 (Simple Storage Service), you can follow these steps:

1. Create an S3 bucket: Sign in to the AWS Management Console, navigate to the S3 service, and click on "Create bucket." Choose a unique name (ig: my-static-website09 ) for your bucket and select the region where you want to create it.
2. Configure the bucket for static website hosting: After creating the bucket, go to the bucket's properties and select the "Static website hosting" option. Enable it and enter the index document name (e.g., "index.html") and optionally, the error document name.
3. Upload your website files: In the bucket's overview tab, click on "Upload" and select the HTML, CSS, JavaScript, and other files that make up your static website. You can also drag and drop the files directly into the bucket.
4. Set permissions for public access: Select the uploaded files, click on "Actions," and then choose "Make public" to allow public access to your website.
5. We have set the bucket policies accordingly to host the static files.

```
Ig: ({  
  "Version": "2012-10-17",  
  "Statement": [  
    {  
      "Sid": "Mystaticwebsitepolicy",  
      "Effect": "Allow",  
      "Principal": "*",  
      "Action": "s3:GetObject",  
      "Resource": "arn:aws:s3:::my-static-website09/*"  
    }  
  ]  
})
```

6. Test your website: AWS S3 will provide you with a website endpoint URL. Open a web browser and enter the endpoint URL to verify that your website is accessible.

Ig: <http://my-static-website09.s3-website.ap-south-1.amazonaws.com>

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Global

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Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

Amazon S3 > Buckets > my-static-website09

my-static-website09

Info

Publicly accessible

Objects

Properties

Permissions

Metrics

Management

Access Points

Bucket overview

AWS Region	Amazon Resource Name (ARN)	Creation date
Asia Pacific (Mumbai) ap-south-1	arn:aws:s3:::my-static-website09	July 8, 2023, 11:24:53 (UTC+05:30)

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](#)

Edit

Bucket Versioning

Disabled

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

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Services

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Global

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Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

Amazon S3 > Buckets > my-static-website09

my-static-website09

Publicly accessible

ObjectsPermissionsMetricsManagementAccess Points

Permissions overview

Access

Public

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](#)

Edit

Block all public access

Off

Individual Block Public Access settings for this bucket

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Global

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Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

Disabled

Amazon S3 currently does not support enabling Object Lock after a bucket has been created. To enable Object Lock for this bucket, contact [Customer Support](#)

Requester pays

When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. [Learn more](#)

Requester pays

Disabled

Static website hosting

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

Static website hosting

Enabled

Hosting type

Bucket hosting

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://my-static-website09.s3-website.ap-south-1.amazonaws.com>

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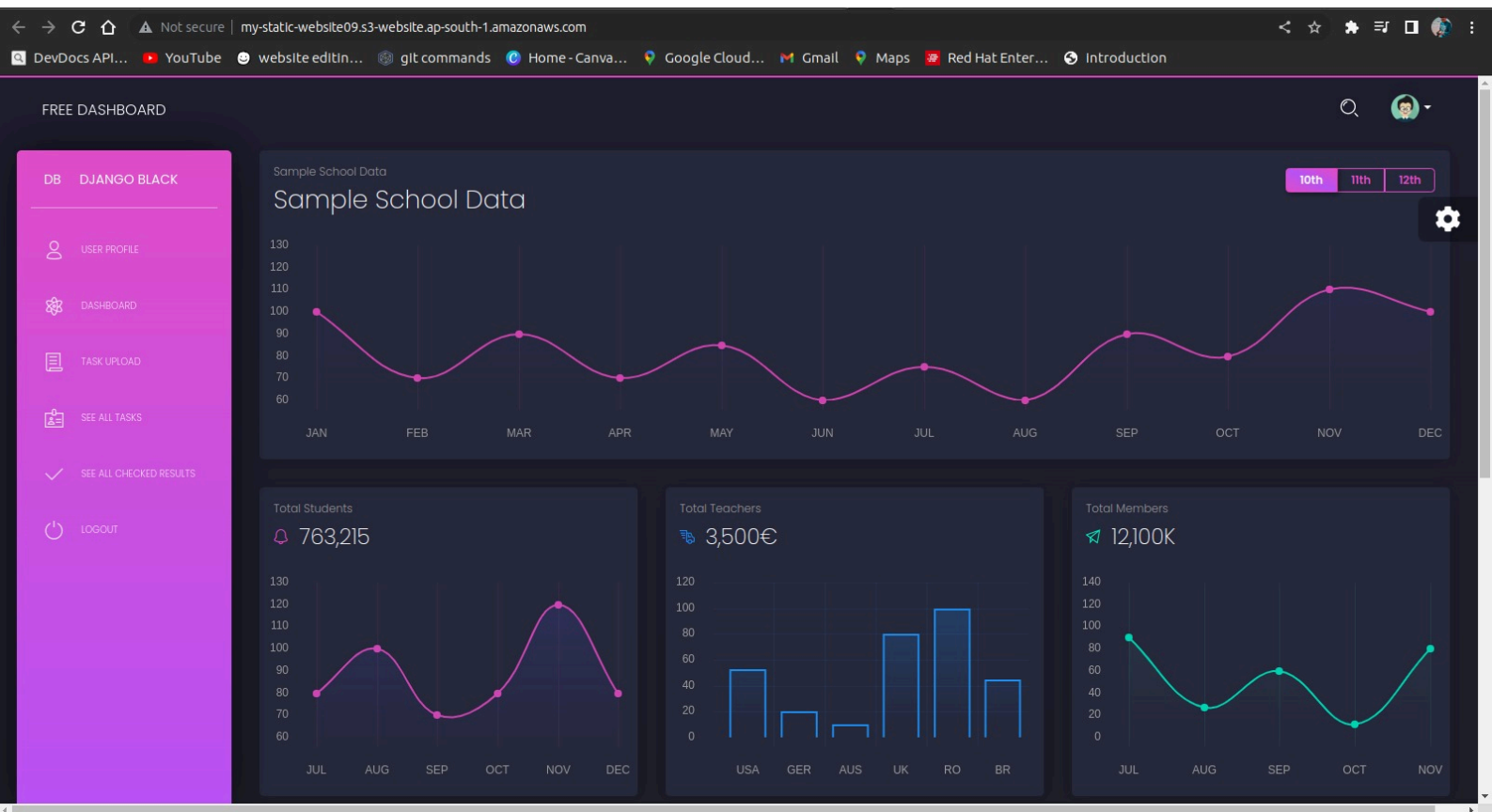
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Services

Search

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Global

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Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

Individual Block Public Access settings for this bucket

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](#)

{

"Version": "2012-10-17",

"Statement": [

{

"Sid": "Mystaticwebsitepolicy",

"Effect": "Allow",

"Principal": "\*",

"Action": "s3:GetObject",

"Resource": "arn:aws:s3:::my-static-website09/\*"

}

]

}

}

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Object Ownership

Info

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