

Name - khushveer kaur
Course - B.Sc (H)computer science
Roll no - 24570031

Cloud practical-Host a Static Website on S3 Steps: Upload HTML files to an S3 bucket, enable static website hosting, and configure a public bucket policy. Why: Demonstrates how to use S3 for cost-effective static website hosting.

The screenshot shows the 'Create bucket' page in the AWS console. The browser address bar shows the URL: `us-east-1.console.aws.amazon.com/s3/bucket/create?region=us-east-1&bucketType=general`. The page is titled 'Create bucket' and is part of the 'Amazon S3' > 'Buckets' navigation path. The 'General configuration' section shows the 'AWS Region' as 'US East (N. Virginia) us-east-1'. Under 'Bucket type', 'General purpose' is selected, with a note: '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 available. The 'Bucket name' field contains 'awstestss'. Below this, there's a note: 'Bucket name must be unique within the global namespace and follow the bucket naming rules. See rules for bucket naming'. The 'Copy settings from existing bucket - optional' section has a 'Choose bucket' button. The 'Object Ownership' section shows 'ACLs disabled (recommended)' selected, with a note: 'All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.' The footer of the console shows 'CloudShell', 'Feedback', and copyright information for 2024.

The screenshot shows the 'awstestss' bucket page in the AWS console. The browser address bar shows the URL: `us-east-1.console.aws.amazon.com/s3/bucket/awstestss`. The page is titled 'awstestss' and is part of the 'Amazon S3' > 'Buckets' navigation path. The left sidebar shows the 'Amazon S3' navigation menu with options like 'General purpose buckets', 'Directory buckets', 'Table buckets', 'Access Grants', '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', 'Storage Lens groups', 'AWS Organizations settings', and 'Feature spotlight'. The main content area shows the 'Objects (0)' section. It includes a search bar with the placeholder 'Find objects by prefix'. Below the search bar is a table with columns: 'Name', 'Type', 'Last modified', 'Size', and 'Storage class'. The table is currently empty, with a message: 'No objects. You don't have any objects in this bucket.' and an 'Upload' button. The top of the main content area has tabs for 'Objects', 'Metadata - Preview', 'Properties', 'Permissions', 'Metrics', 'Management', and 'Access Points'. The 'Objects' tab is active.

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 (1 total, 56.0 B)

[Remove](#) [Add files](#) [Add folder](#)

Find by name

< 1 >

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	khushveer.html	-	text/html	56.0 B

Destination [Info](#)

Destination

<s3://awstestss>

Destination details

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

Permissions

Upload succeeded

For more information, see the [Files and folders](#) table.

Close

After you navigate away from this page, the following information is no longer available.

Summary

Destination

<s3://awstestss>

Succeeded

1 file, 56.0 B (100.00%)

Failed

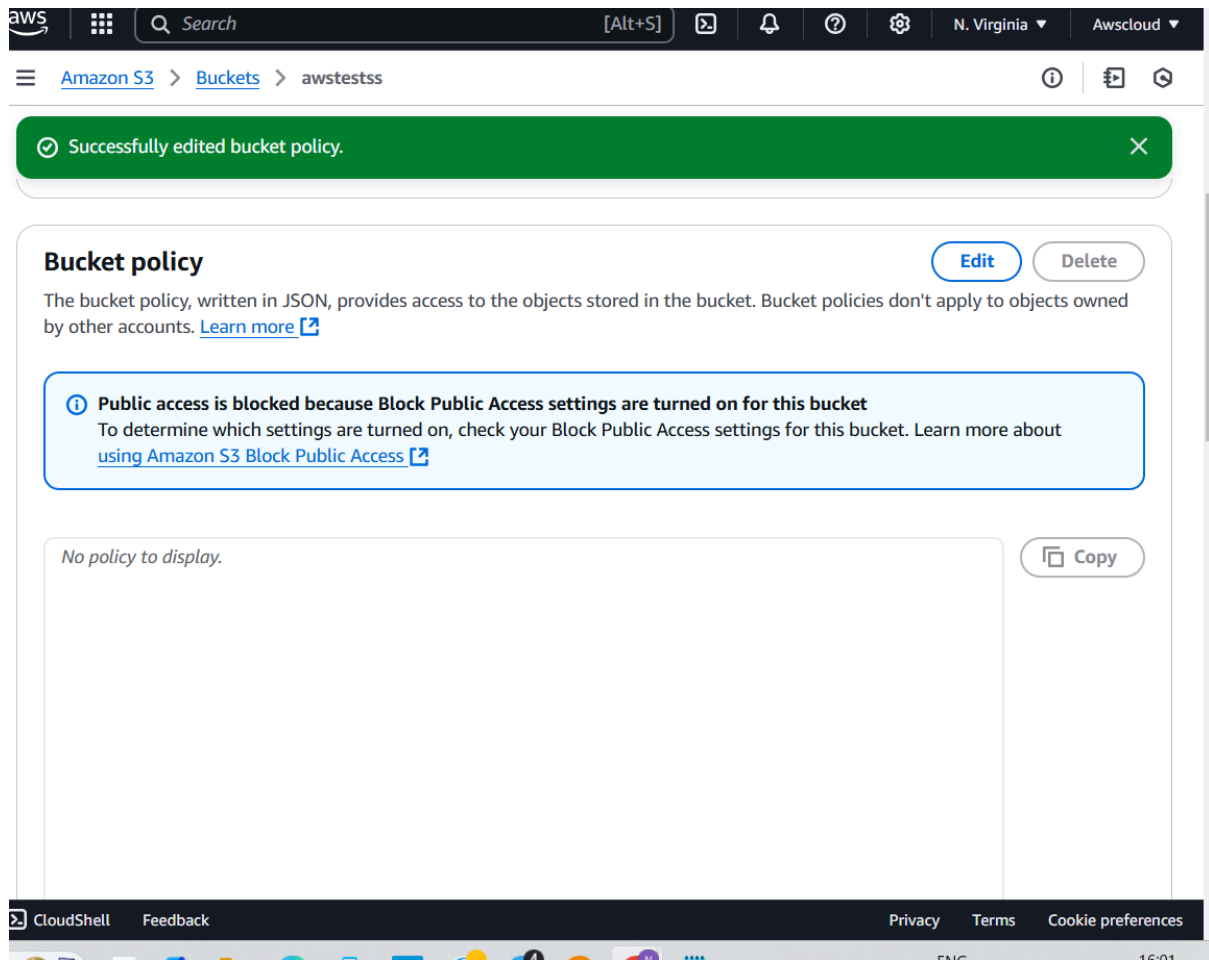
0 files, 0 B (0%)

Files and folders (1 total, 56.0 B)

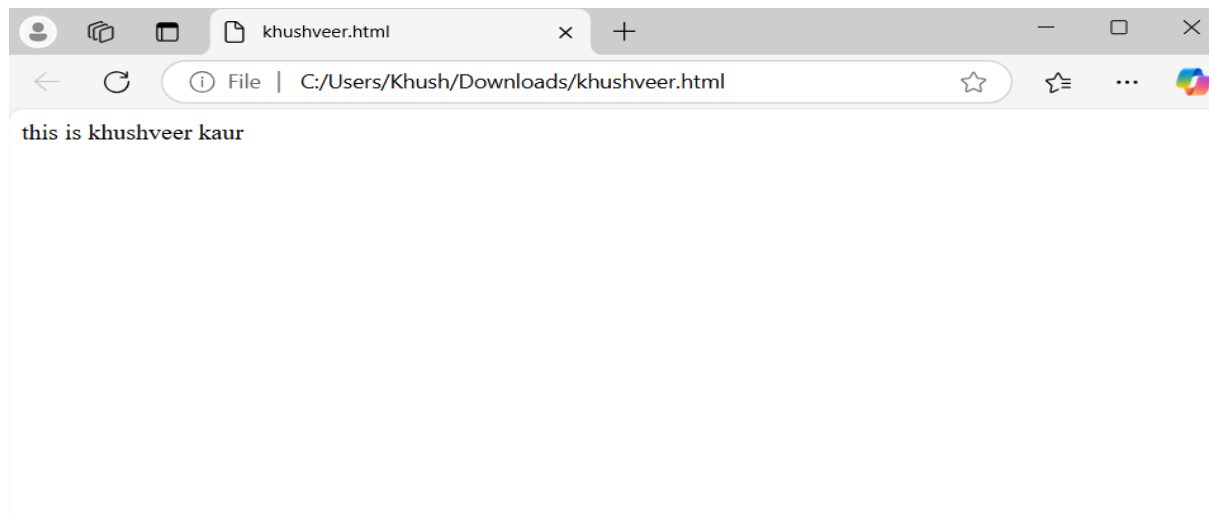
Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
khushveer.html	-	text/html	56.0 B	Succeeded	-



My file –



Demonstration –

S3 is cost effective in static website hosting due to its scalability, durability, and low storage costs. S3 is highly durable and can withstand concurrent access from a large number of users, making it a reliable choice for hosting static websites. S3's built-in features such as versioning, lifecycle management, and access controls to manage your website's content and access.