

AWS Project

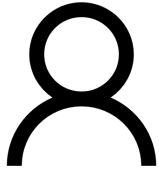
Interim Review

Hosting a website using S3

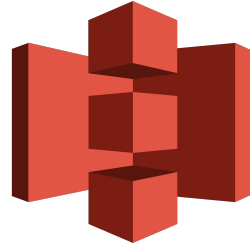
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CSE-IoT (T2 Section)

Services Used



Deployed using



Amazon s3

Layout

Users visiting the calculator website deployed on AWS S3 are greeted by a user-friendly interface. It provides essential arithmetic operations, enabling individuals to input numbers and select functions for instant results. The platform offers an efficient and straightforward calculation experience, making it a convenient tool for users in need of quick mathematical solutions.

S3 Bucket Instance

The screenshot displays the Amazon S3 console for a bucket named 'calculator.website'. The bucket is publicly accessible. The console shows the following details:

- Bucket Name:** calculator.website
- Publicly accessible:** Yes
- Objects (5):**

Name	Type	Last modified	Size	Storage class
favicon.ico	ico	October 20, 2023, 10:39:53 (UTC+05:30)	1.4 KB	Standard
index.html	html	October 20, 2023, 10:39:49 (UTC+05:30)	2.5 KB	Standard
README.md	md	October 20, 2023, 10:39:54 (UTC+05:30)	84.0 B	Standard
script.js	js	October 20, 2023, 10:39:51 (UTC+05:30)	1.0 KB	Standard
style.css	css	October 20, 2023, 10:39:52 (UTC+05:30)	2.5 KB	Standard

The console also includes a left sidebar with navigation options like Buckets, Access Points, and Storage Lens. The main area shows the bucket's details and a table of its contents.

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Calculator.website (Properties)

The screenshot displays the AWS Management Console interface for the 'calculator.website' S3 bucket. The left sidebar shows the 'Amazon S3' navigation menu with options like Buckets, Access Points, and Storage Lens. The main content area is titled 'calculator.website' and includes a 'Publicly accessible' badge. Below the title are tabs for Objects, Properties, Permissions, Metrics, Management, and Access Points. The 'Properties' tab is active, showing a 'Bucket overview' section with details such as AWS Region (US East (N. Virginia) us-east-1), Amazon Resource Name (ARN) (arn:aws:s3::calculator.website), and Creation date (October 20, 2023, 10:33:23 UTC+05:30). The 'Bucket Versioning' section indicates that versioning is 'Enabled' and 'Multi-factor authentication (MFA) delete' is 'Disabled'. The 'Tags' section shows '(0)' tags with an 'Edit' button. At the bottom, the 'Default encryption' section is partially visible.

Amazon S3

calculator.website

Publicly accessible

Objects Properties Permissions Metrics Management Access Points

Bucket overview

AWS Region US East (N. Virginia) us-east-1	Amazon Resource Name (ARN) arn:aws:s3::calculator.website	Creation date October 20, 2023, 10:33:23 (UTC+05:30)
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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
Enabled
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

Tags (0)

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

Edit

Key	Value
No tags associated with this resource.	

Default encryption

Edit

CloudShell Feedback

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S3 bucket instance

The screenshot shows the Amazon S3 console for a bucket named 'calculator.website'. The left sidebar contains navigation links for Buckets, Access Points, Batch Operations, IAM Access Analyzer for S3, Block Public Access settings, Storage Lens, Dashboards, AWS Organizations settings, Feature spotlight, and AWS Marketplace for S3. The main content area displays the following settings:

- Amazon EventBridge**: Send notifications to Amazon EventBridge for all events in this bucket. Status: Off. [Learn more](#) or [see EventBridge options](#). [Edit](#)
- Transfer acceleration**: Use an accelerated endpoint for faster data transfers. [Learn more](#). Status: Disabled. [Edit](#)
- Object Lock**: Store objects using a write-once-read-many (WORM) model to help you prevent objects from being deleted or overwritten for a fixed amount of time or indefinitely. [Learn more](#). Status: Disabled. A message states: "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](#)". [Edit](#)
- Requester pays**: When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. [Learn more](#). Status: Disabled. [Edit](#)
- Static website hosting**: Use this bucket to host a website or redirect requests. [Learn more](#). [Edit](#)

The footer of the console shows "CloudShell", "Feedback", and copyright information: "© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences".

S3 instances

The screenshot shows the AWS S3 console interface. The left sidebar contains navigation links for Amazon S3, Buckets, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, IAM Access Analyzer for S3, Block Public Access settings, Storage Lens, Dashboards, AWS Organizations settings, Feature spotlight, and AWS Marketplace for S3. The main content area displays settings for a bucket named 'calculator.website-us-east-1'. The settings are organized into sections: Transfer acceleration (Disabled), Object Lock (Disabled), Requester pays (Disabled), and Static website hosting (Enabled). The Static website hosting section shows the bucket is enabled for hosting, with a bucket website endpoint URL provided: <http://calculator.website.s3-website-us-east-1.amazonaws.com>. The top of the browser window shows the Google Chrome address bar with the URL 's3.console.aws.amazon.com/s3/buckets/calculator.website?region=us-east-1&tab=properties' and a search bar. The bottom of the browser window shows the footer with '© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences'.

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

Transfer acceleration

Use an accelerated endpoint for faster data transfers. [Learn more](#)

Transfer acceleration
Disabled

Object Lock

Store objects using a write-once-read-many (WORM) model to help you prevent objects from being deleted or overwritten for a fixed amount of time or indefinitely. [Learn more](#)

Object Lock
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](#)

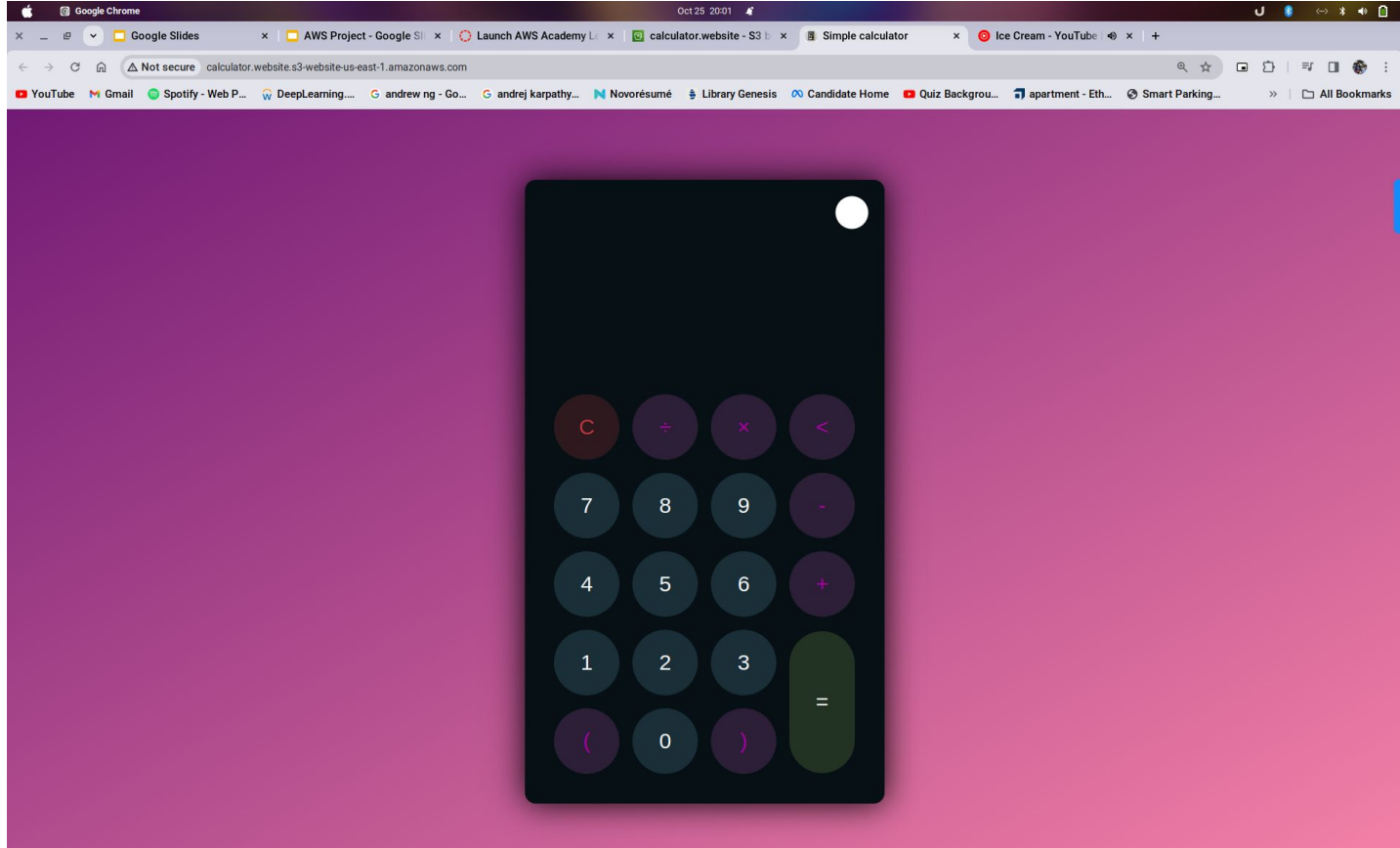
Static website hosting
Enabled
Hosting type
Bucket hosting
Bucket website endpoint
When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://calculator.website.s3-website-us-east-1.amazonaws.com>

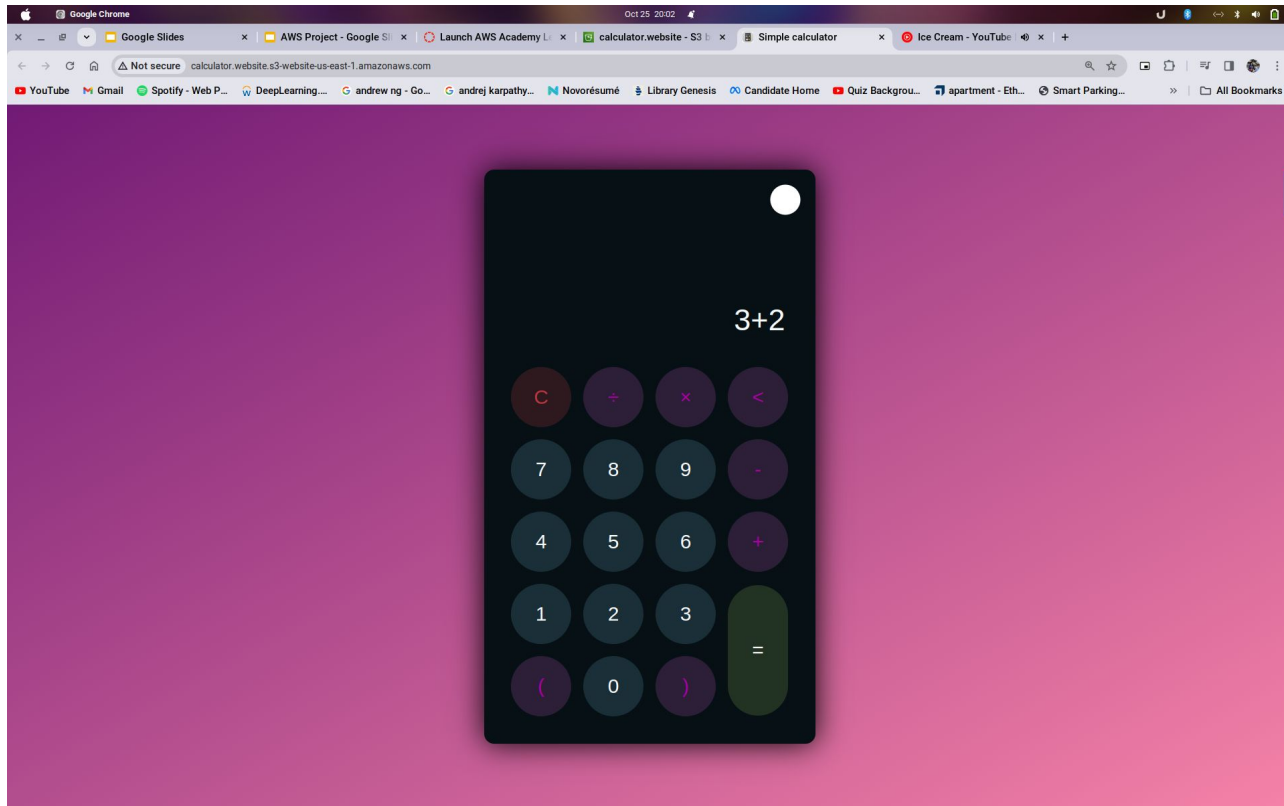
CloudShell Feedback

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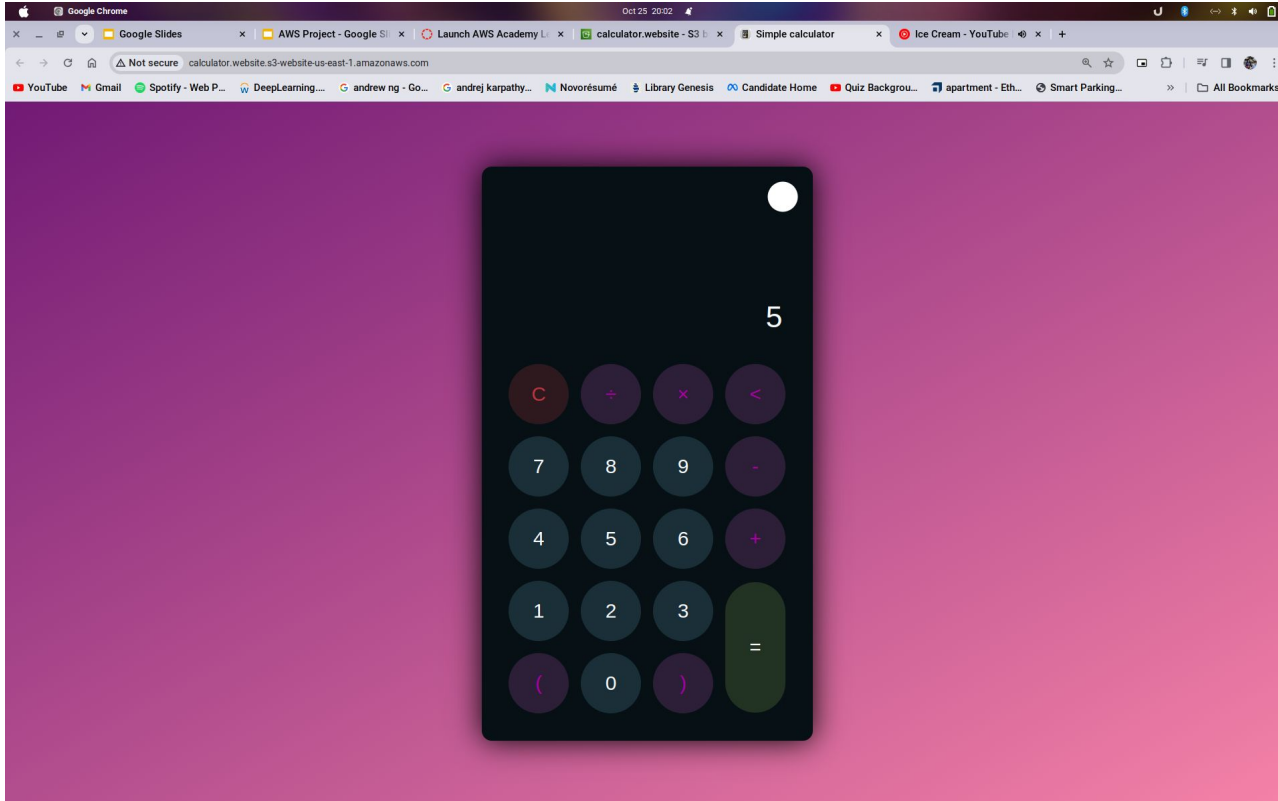
Final Output



Output



Final Output Result



Thank you