@HARSHKUMAR444

PROJECT

S3 STATIC WEBSITE HOSTING

Password Compromise Checker

PROJECT 1 | DAY 1

OVERVIEW

This project involves hosting a website that allows users to check whether their passwords have been compromised in previous data breaches using the Have I Been Pwned API. The website is hosted on AWS S3 as a static website.

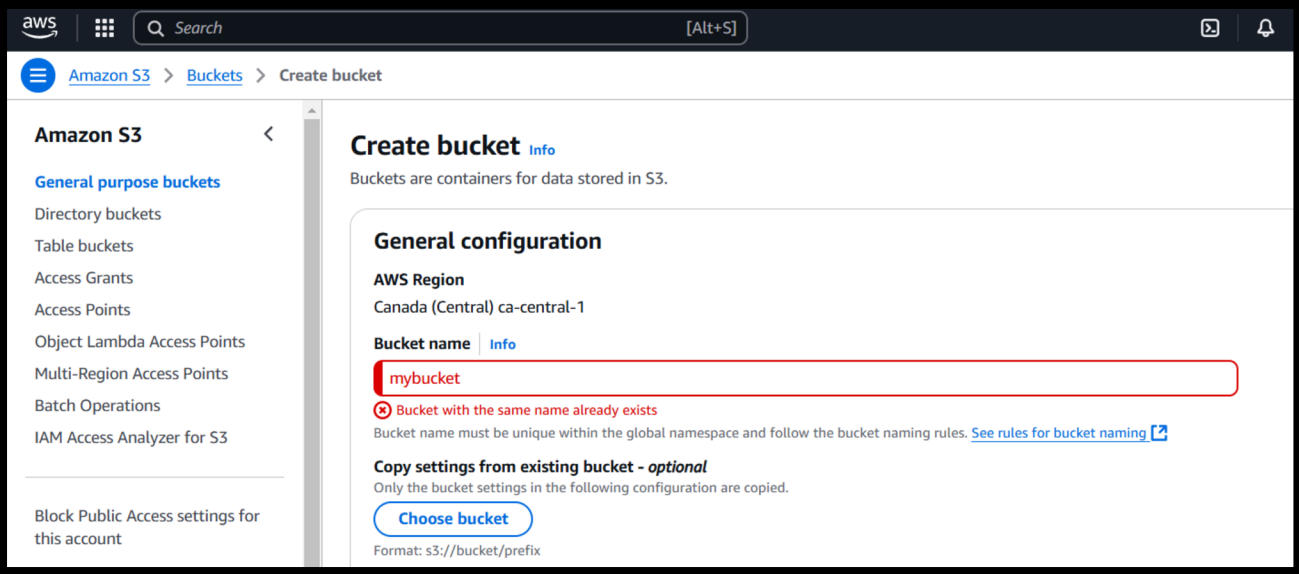
WHAT IS S3?

Amazon S3 is a Simple Storage Service in AWS that stores files of different types like Photos, Audio, and Videos as Objects providing more scalability and security to. It allows the users to store and retrieve any amount of data at any point in time from anywhere on the web.

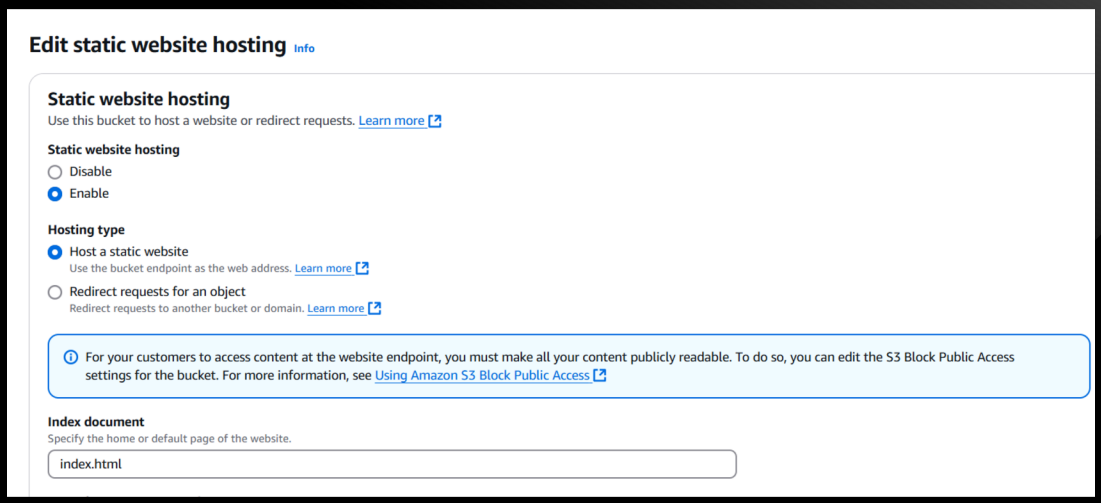
HOW TO:

1 Create Bucket

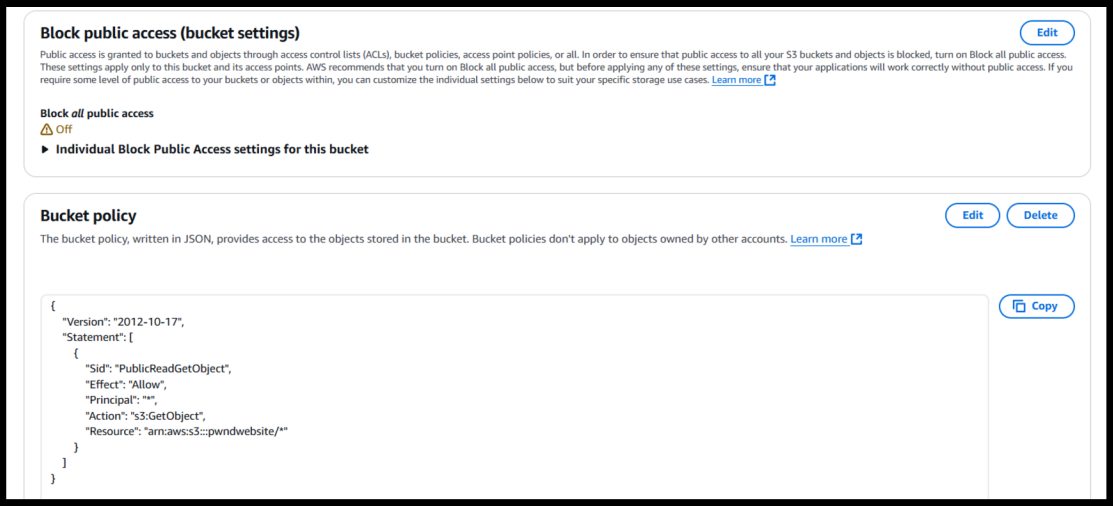
Your S3 bukcet name should be globally unique across all AWS accounts because S3 is a universal namespace.



2 Enable Static Website Hosting



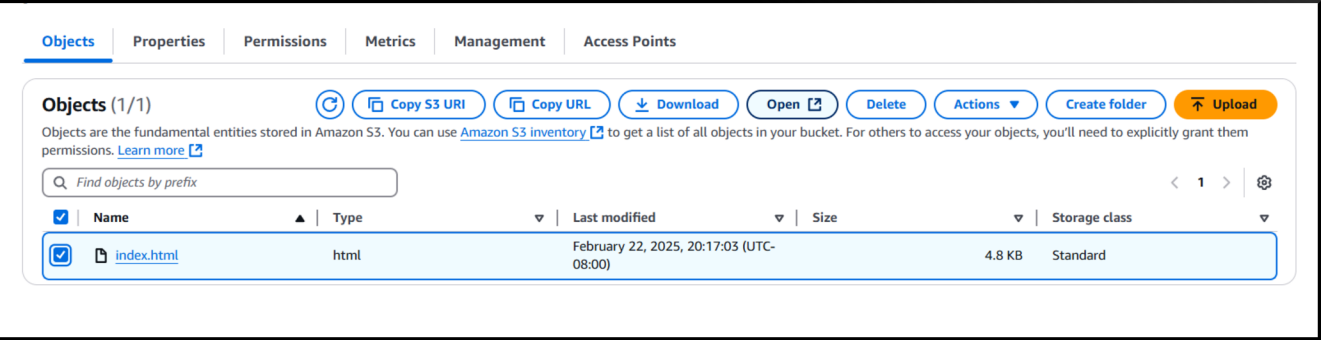
3 Add public bucket policy



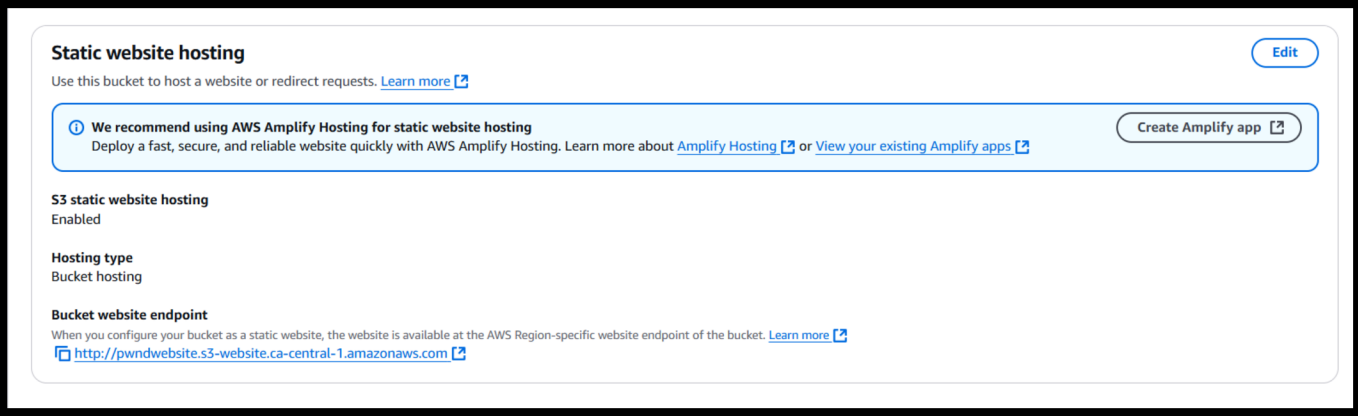
Key Takeaway: Public access settings only open the door, but a bucket policy controls who gets in and what they can do. Always use policies wisely to avoid security risks!

4 Configure index.html

I've used git code for checking compromised passwords using haveibeenpwned API with GUI. You have check yours(at your own risk 😉)
Source: Youtube- Have You Been Pwned? - Computerphile



5 Test Endpoints



Copy paste you link in web browser to test.🤞🤔

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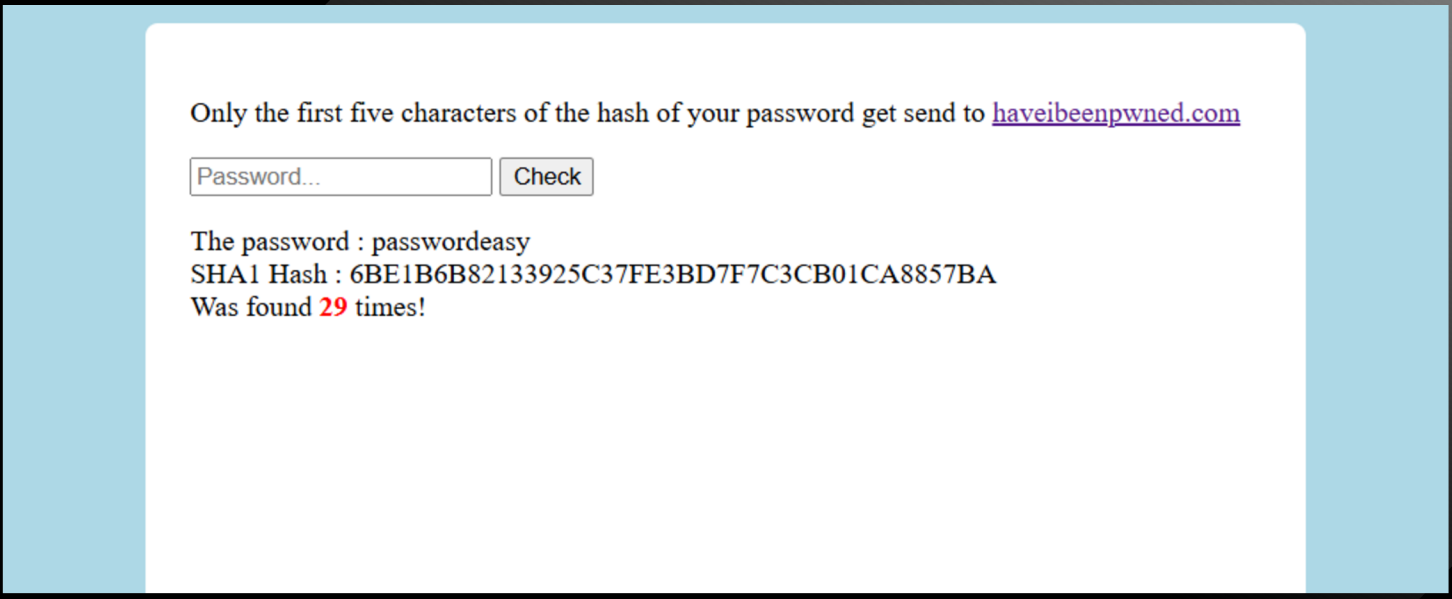

6 Cleanup

Release the resources or let them be. Budget wisely

Key Notes:

- Configure access and policies carefully.
- Pretty easy to host simple websites for cheap.
- My Paswwords have been breached, need to change them. 😐

GET IN TOUCH

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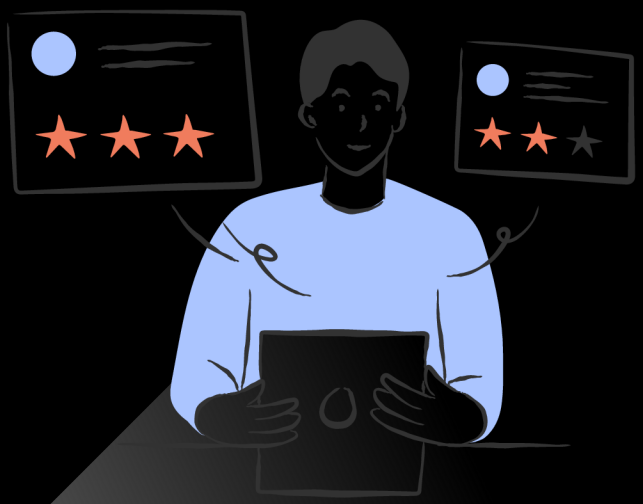

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