Contents

Purpose

General Idea of this lab is to have a control of information of your S3 bucket. The first lab shows Web Hosting feature of S3 and involve resource-based policy.

Lab 3A: Static Web Hosting using S3.

Prerequisites

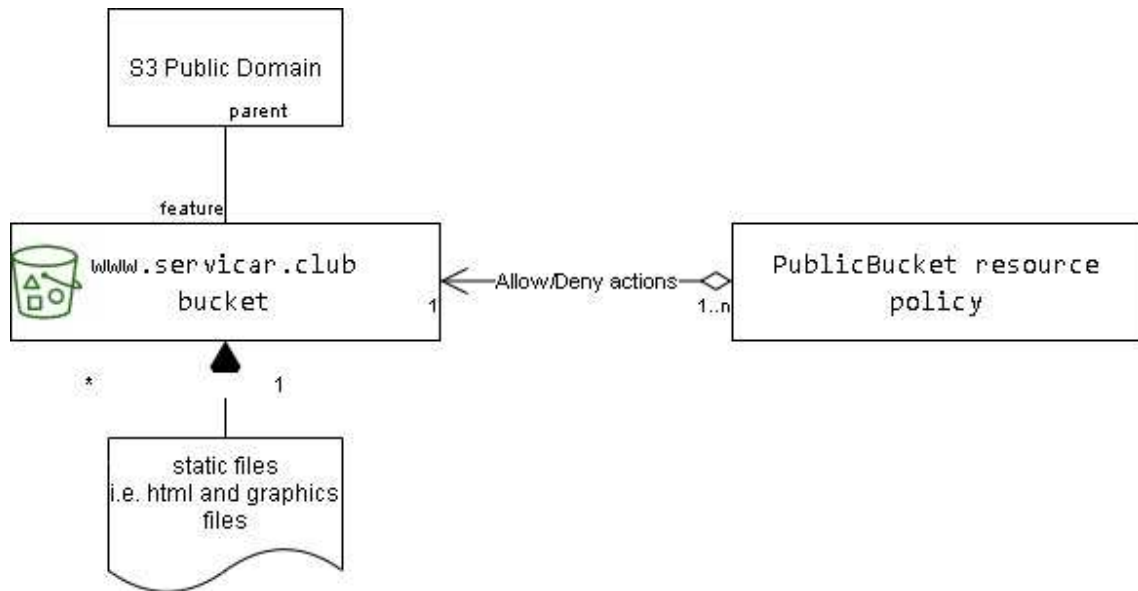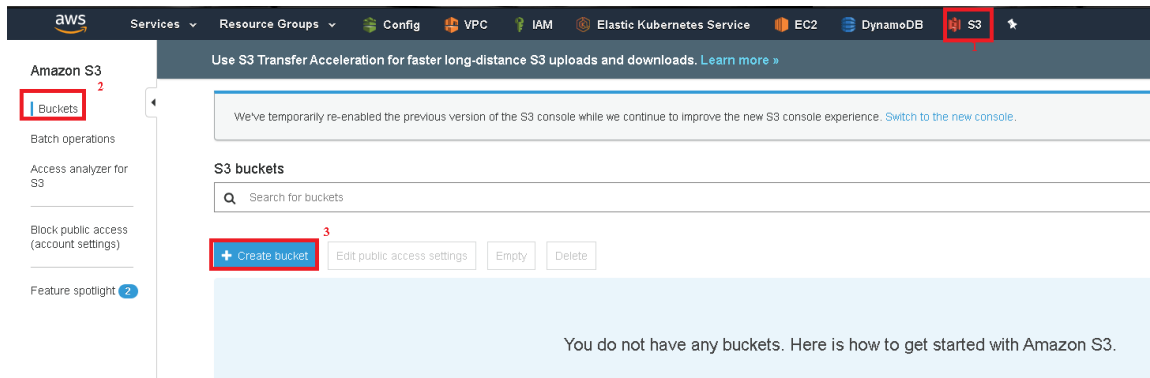Labs1c1 have to be done and the context for Administrative user have to activated on Command Line Session.
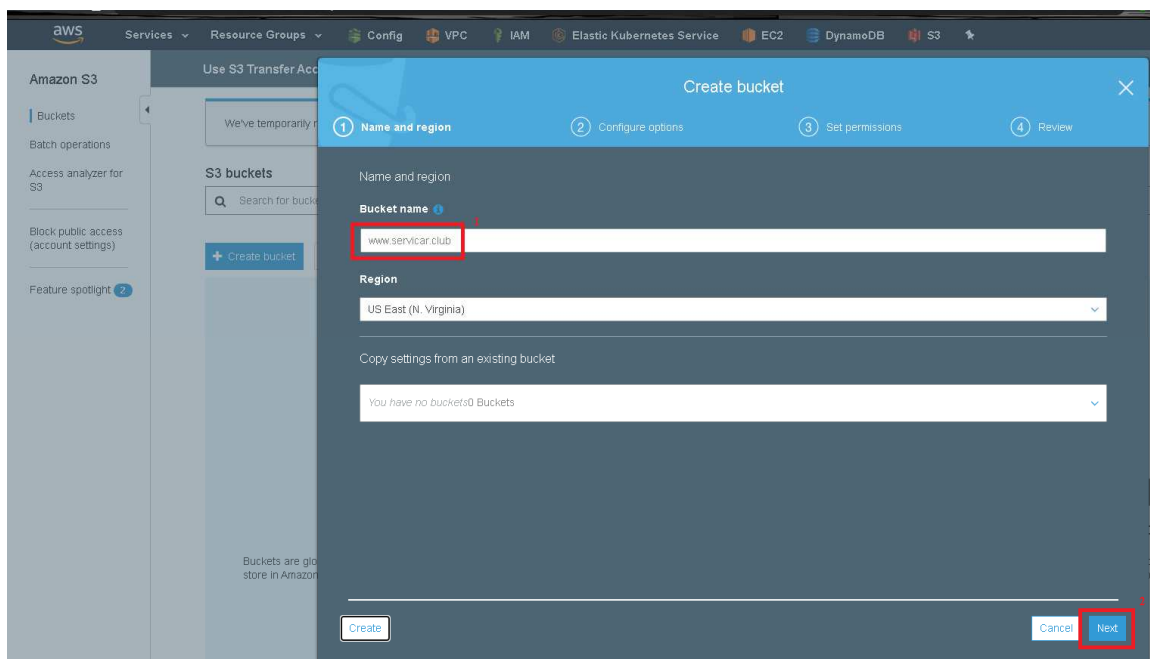
Lab 3A: Static web hosting

Lab 3A using Web Management Console

Create the bucket and apply public default policies

Create the bucket on S3

Allow default values

Assign public access to the bucket and acknowledge the risks.

Upload files

For this lab, I create simple files: index.html and error.html, however you can create a fancy HTML files.

Drag the files to the bucket.
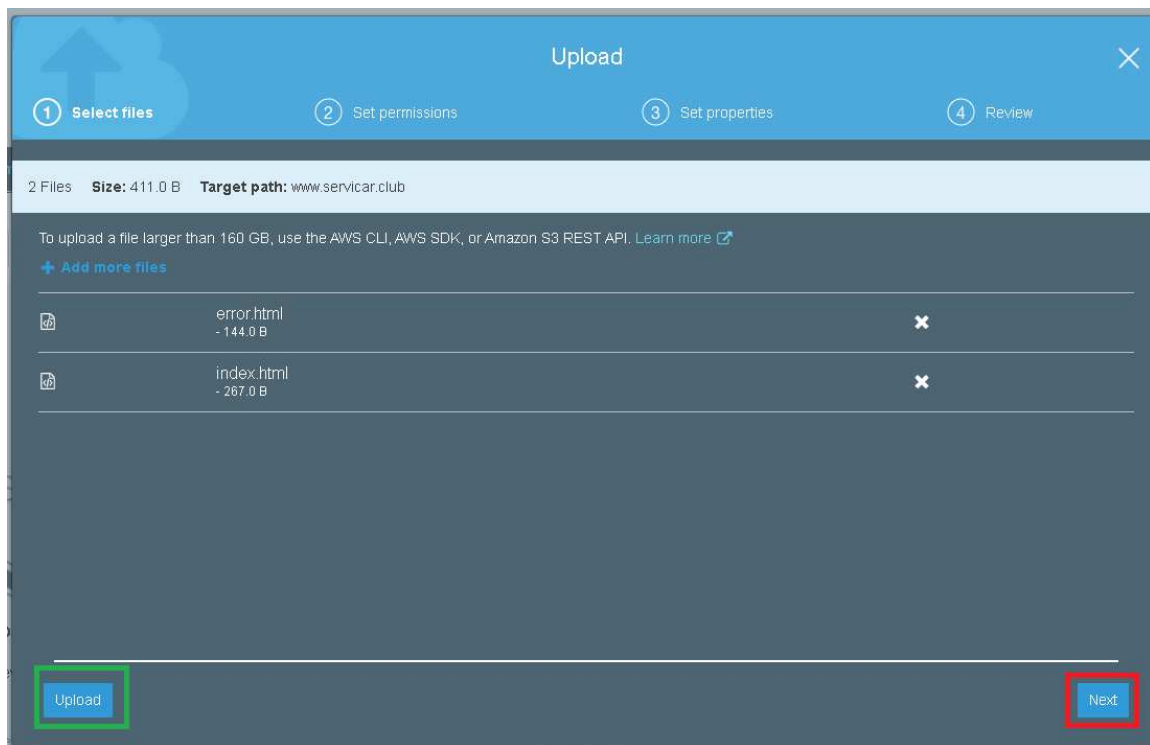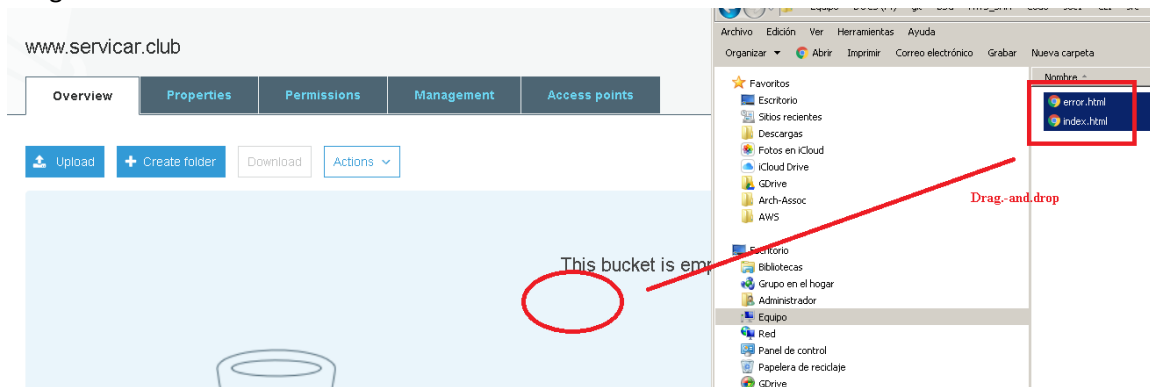
Allow the public access permissions to the files.

Select S3 Standard storage.

Apply web hosting feature

When you files are on the bucket, you have to able the web hosting feature.

www.servicar.club

Overview	Properties	Permissions	Management	Access points

🔍 Type a prefix and press Enter to search. Press ESC to clear.

⬆ Upload   ✚ Create folder   Download   Actions ⌄

	Name ▾	Last modified
☐	📄 error.html	Jun 12, 2020
☐	📄 index.html	Jun 12, 2020

Amazon S3 › www.servicar.club

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Overview	Properties	Permissions	Management	Access points

Versioning

Keep multiple versions of an object in the same bucket.

Learn more

⬤ Disabled

Server access logging

Set up access log records that provide details about access requests.

Learn more

⬤ Disabled

Static website hosting

Host a static website, which does not require server-side technologies.

Learn more

⬤ Disabled

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| Overview | **Properties** | Permissions | Management | Access points |

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2

⬤ Disabled

Then, you can go to the feature again to recover the endpoint (URL) of the website.
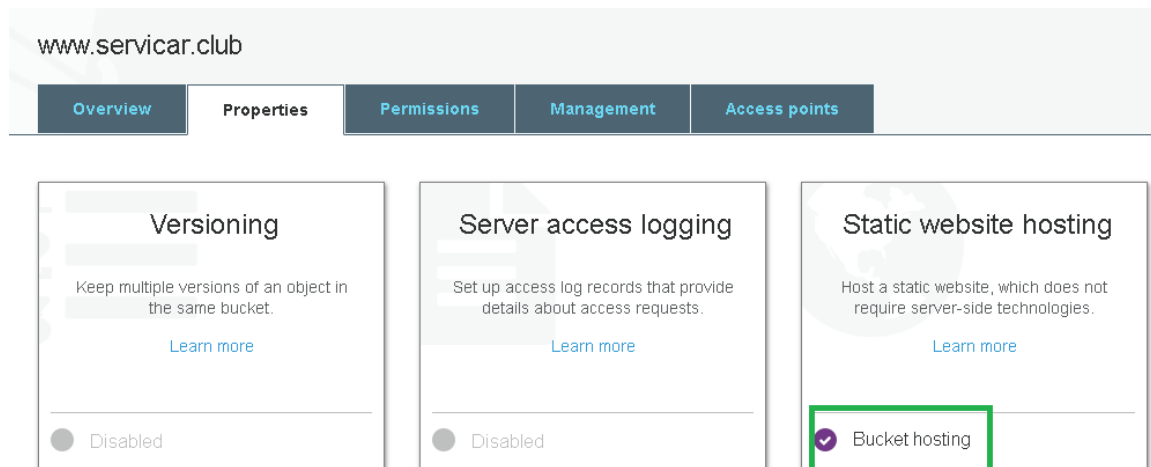
To see the URL of provided on the web hosting.
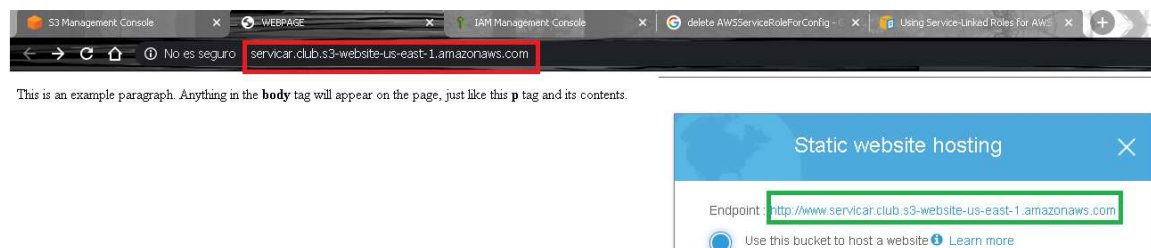
Write a non-existent file on the URL, and see the error.html file.

ERROR 404 or whatever it looks!

Lab 3A using Command Line (Windows)
Create Bucket, apply resource-based policies, sync files and able web hosting feature

```
rem Se realiza la creacion del bucket. Revisar cuando tienen location difere
nte a us-east-1 https://github.com/aws/aws-cli/issues/2603
set  BucketName=www.servicar.club
aws s3api create-bucket --bucket %BucketName% --region us-east-1
aws s3api put-bucket-policy --bucket %BucketName% --
policy file://bucket_policy.json
aws s3 sync ./src s3://%BucketName%/
aws s3 website s3://%BucketName%/ --index-document index.html --error-
document error.html
```

```
rem Ir a www.servicar.club.s3-website.us-east-1.amazonaws.com
```

```
F:\git\BSG\AWS_SAA\Code\s3c1\CLI>set  BucketName=www.servicar.club

F:\git\BSG\AWS_SAA\Code\s3c1\CLI>aws s3api create-bucket --bucket %BucketName% --region us-east-1
{
    "Location": "/www.servicar.club"
}

F:\git\BSG\AWS_SAA\Code\s3c1\CLI>aws s3api put-bucket-policy --bucket %BucketName% --policy file://bucket_policy.json

F:\git\BSG\AWS_SAA\Code\s3c1\CLI>aws s3 sync ./src s3://%BucketName%/
upload: src\index.html to s3://www.servicar.club/index.html
upload: src\error.html to s3://www.servicar.club/error.html

F:\git\BSG\AWS_SAA\Code\s3c1\CLI>aws s3 website s3://%BucketName%/ --index-document index.html --error-document error.html
```

Come to see the 2 screenshots of Apply web hosting feature.

Evidences to send

To have a review, the student has to send some screenshots to instructor email:

1. Screenshots from Static Web Page (URL) using any browser, with right index or error. Those static webpages can have your name or any contact detail to differentiate. Those 2 screenshots are the last images of Apply web hosting feature.