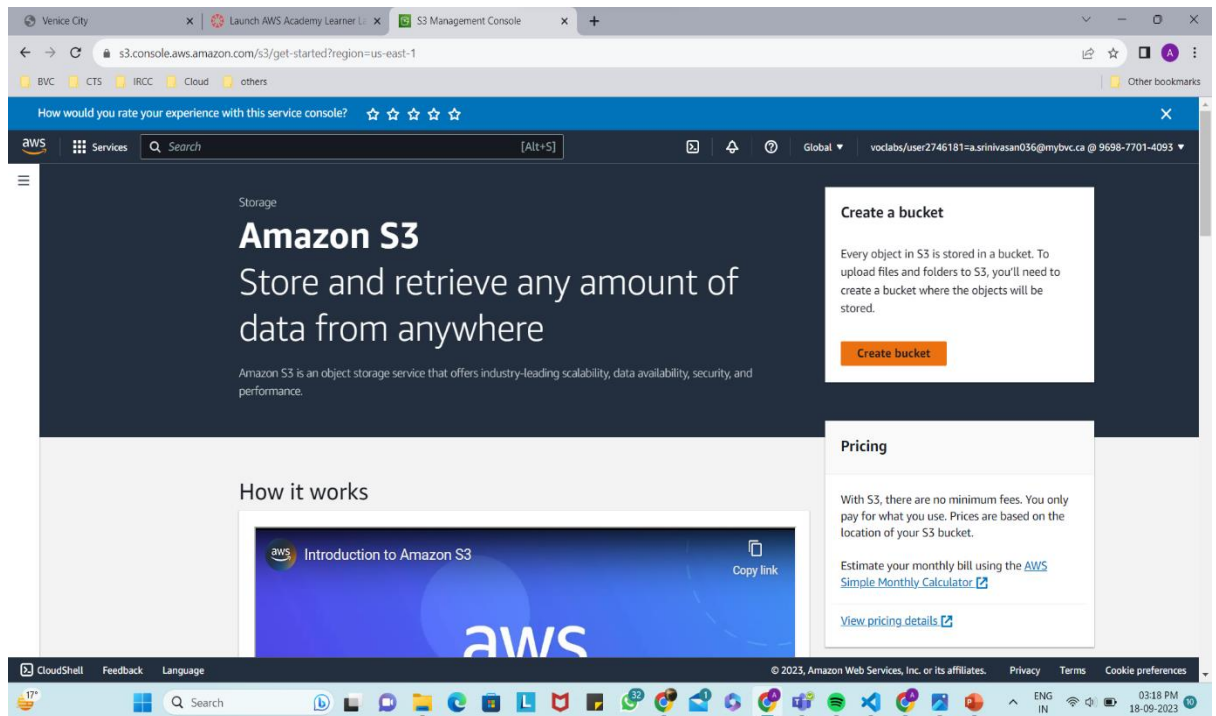


CLCM3102 – CLOUD APPLICATION REQUIREMENTS AND SPECIFICATIONS

Week 1 Lab1 : Host a static HTML website (vacation tour of two cities) in AWS S3 environment.

Hosted link : <http://vacationstaticwebsite.s3-website-us-east-1.amazonaws.com>

- Create the appropriate HTML,CSS as per requirement.
- Open aws learners lab and start the lab ; open aws management console.
- Search S3 service and create the S3 bucket.



- Give the unique name and uncheck the **Block Public Access** , so that it will be accessible to everyone who have this link.

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Amazon S3

Buckets

Create bucket

Create bucket

Info

Buckets are containers for data stored in S3. [Learn more](#)

General configuration

Bucket name

vacationstaticwebsite

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

AWS Region

US East (N. Virginia) us-east-1

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Object Ownership

Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

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Object Ownership

Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

ACLs disabled (recommended)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Object Ownership

Bucket owner enforced

Block Public Access settings for this bucket

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 this bucket and its 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 this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☐ Block all public access

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

☐ Block public access to buckets and objects granted through new access control lists (ACLs)

S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

☐ Block public access to buckets and objects granted through any access control lists (ACLs)

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S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

Turning off block all public access might result in this bucket and the objects within becoming public
 AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

☒ I acknowledge that the current settings might result in this bucket and the objects within becoming public.

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](#)

Bucket Versioning
☒ Disable
☐ Enable

Tags - optional (0)
 You can use bucket tags to track storage costs and organize buckets. [Learn more](#)

Default encryption [Info](#)
 Server-side encryption is automatically applied to new objects stored in this bucket.

Encryption type [Info](#)
☒ Server-side encryption with Amazon S3 managed keys (SSE-S3)
☐ Server-side encryption with AWS Key Management Service keys (SSE-KMS)
☐ Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)
 Secure your objects with two separate layers of encryption. For details on pricing, see [DSSE-KMS pricing](#) on the [Storage](#) tab of the [Amazon S3 pricing page](#).

Bucket Key
 Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. [Learn more](#)

☐ Disable
☒ Enable

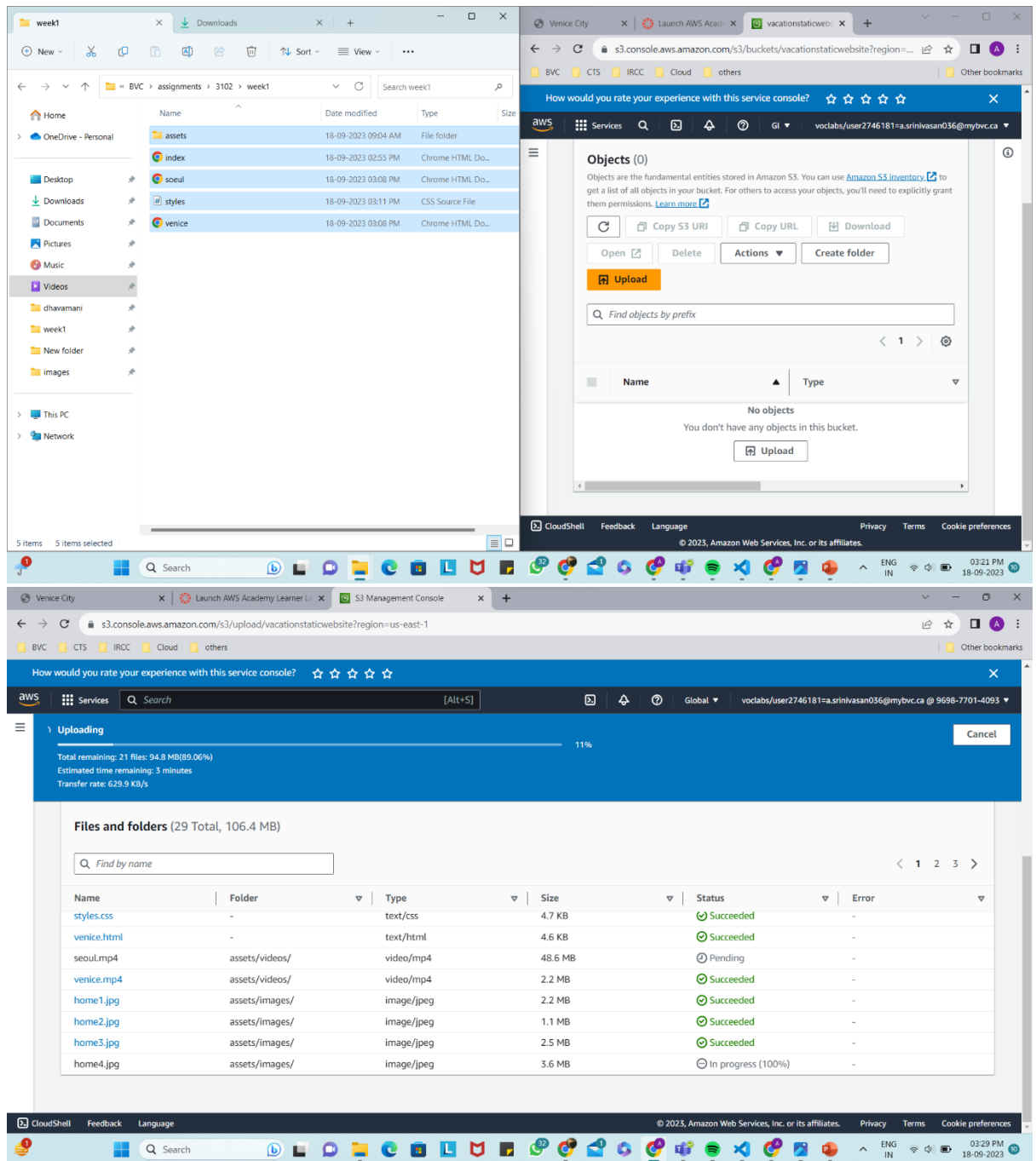
► **Advanced settings**

After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.

Cancel **Create bucket**

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- Once bucket created upload your files to your bucket.



The first screenshot shows the 'Upload succeeded' notification in the AWS S3 console. Below the notification, a table lists the uploaded files and folders:

Name	Folder	Type	Size	Status	Error
index.html	-	text/html	3.3 KB	Succeeded	-
soeul.html	-	text/html	4.5 KB	Succeeded	-
styles.css	-	text/css	4.7 KB	Succeeded	-
venice.html	-	text/html	4.6 KB	Succeeded	-
seoul.mp4	assets/videos/	video/mp4	48.6 MB	Succeeded	-
venice.mp4	assets/videos/	video/mp4	2.2 MB	Succeeded	-
home1.jpg	assets/images/	image/jpeg	2.2 MB	Succeeded	-
home2.jpg	assets/images/	image/jpeg	1.1 MB	Succeeded	-
home3.jpg	assets/images/	image/jpeg	2.5 MB	Succeeded	-
home4.jpg	assets/images/	image/jpeg	3.6 MB	Succeeded	-

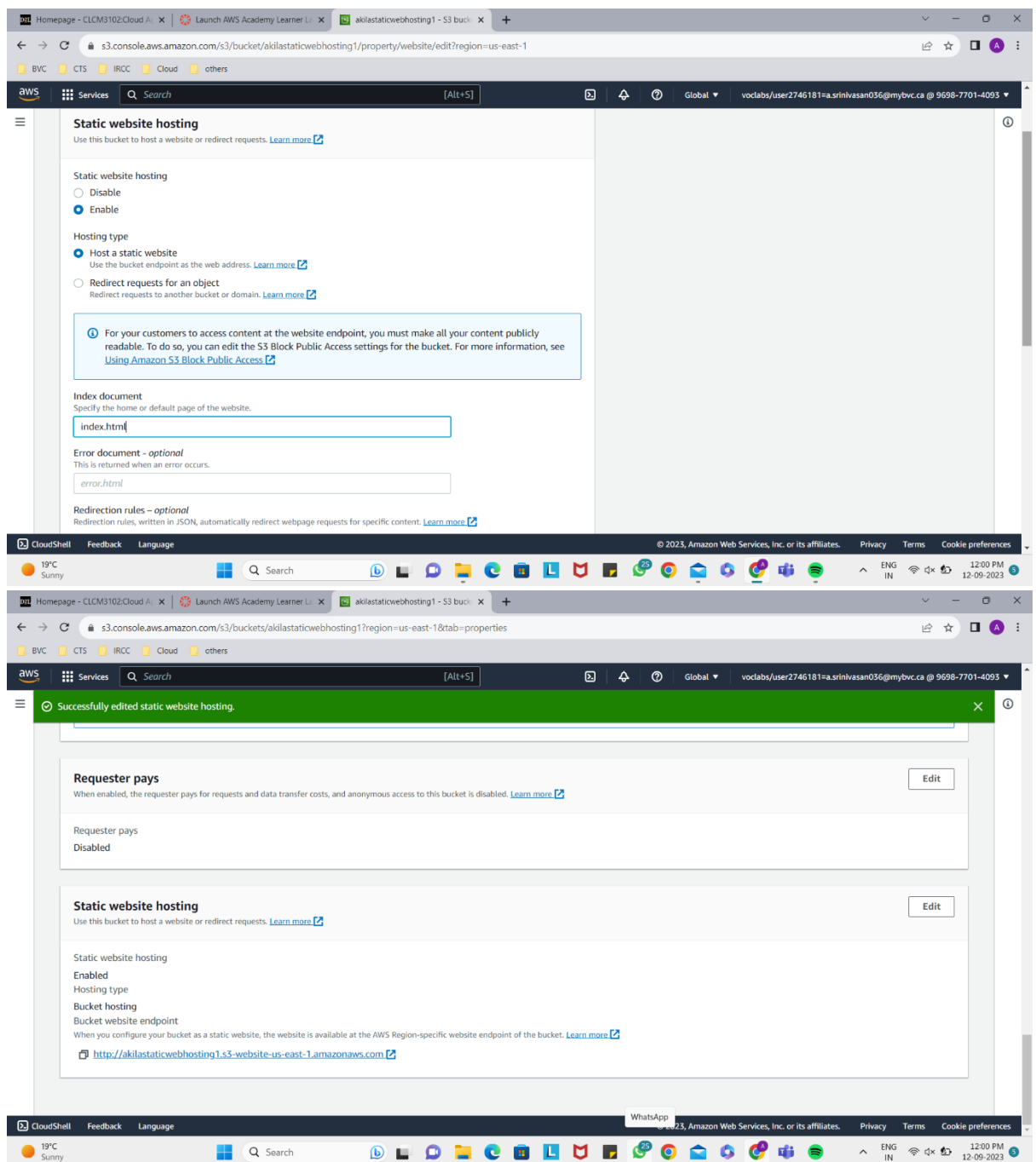
The second screenshot shows the 'Upload: status' page. It displays a summary of the upload:

- Destination: [s3://vacationstaticwebsite](#)
- Succeeded: 29 files, 106.4 MB (100.00%)
- Failed: 0 files, 0 B (0%)

Below the summary, there are tabs for 'Files and folders' and 'Configuration'. The 'Files and folders' tab is selected, showing the same list of files and folders as the first screenshot.

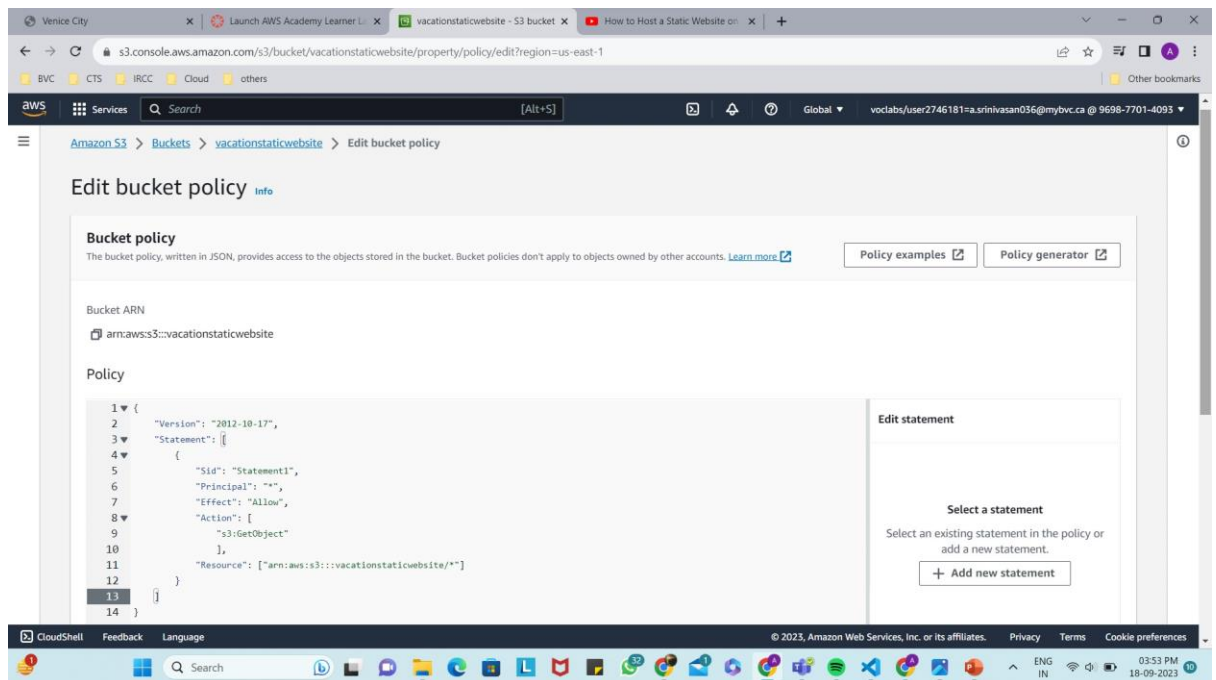
- After uploading the files , go to the bucket and configure the permissions and enable static website hosting.

- For static website hosting:
Bucket->properties->edit static website
hosting.



- Finally, edit the bucket policy so that the object inside it can be accessed.

- For that permissions->edit bucket policy->add statement;
- Write the policy to access the static website



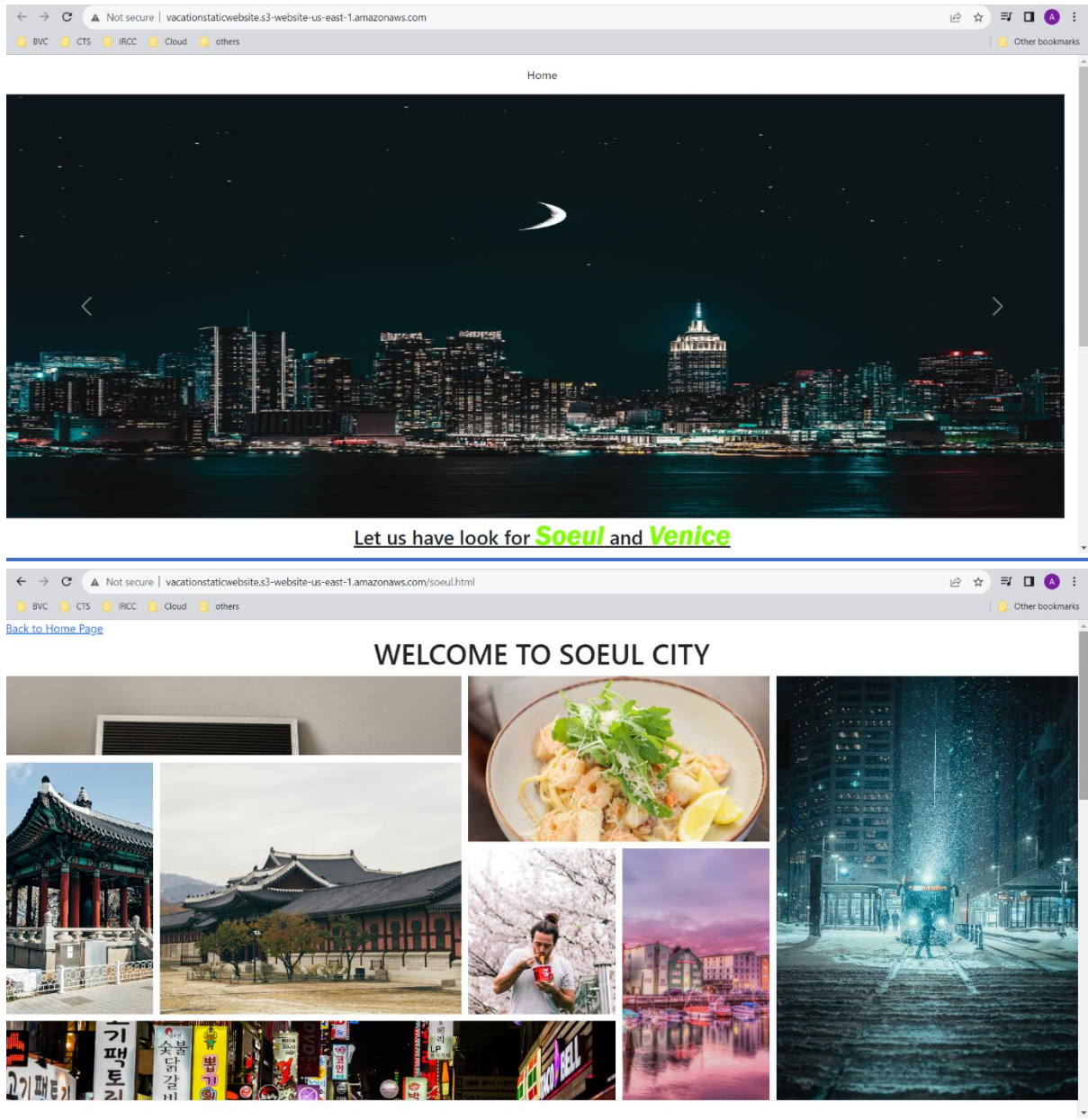
In the above image for “resource”
Key the value is copied from copy ARN in
bucket list page. We can copy ARN for specific
bucket.

- All SET...!!!
- Again move to specific bucket – properties-
copy static website link and check .

Adding the screenshots of the hosted static website:

Note: check the url; it helps to identify it's a hosted website

***** name of the bucket given- -aws s3--region*****




← → ↺

Not secure | vacationstaticwebsite.s3-website-us-east-1.amazonaws.com/soeul.html

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BVC CTS IRCC Cloud others

Other bookmarks



Seoul, the vibrant capital of South Korea, is a thrilling destination for tourists. This dynamic metropolis seamlessly blends modernity and tradition, offering visitors a diverse array of experiences. From its bustling markets and mouthwatering street food to its historic palaces and cutting-edge technology, Seoul promises an unforgettable journey into the heart of Korean culture and innovation.

← → ↺

Not secure | vacationstaticwebsite.s3-website-us-east-1.amazonaws.com/venice.html


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Other bookmarks

[Back to Home Page](#)

WELCOME TO VENICE CITY



← → ↻

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Other bookmarks

BVC CTS IRCC Cloud others

Other bookmarks



Venice, a captivating Italian city, is renowned for its intricate network of canals and exquisite Gothic, Renaissance, and Byzantine architecture. Its iconic Piazza San Marco, adorned with St. Mark's Basilica and the Campanile bell tower, is a symbol of its grandeur. With a rich cultural heritage that has inspired artists, musicians, and writers for centuries, Venice stands as a timeless and enchanting destination.

← → ↻

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Other bookmarks

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destination.

Please fill the form to book a plan

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Mark

Last name

Otto

Username

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City

State

State

Zip

Zip

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