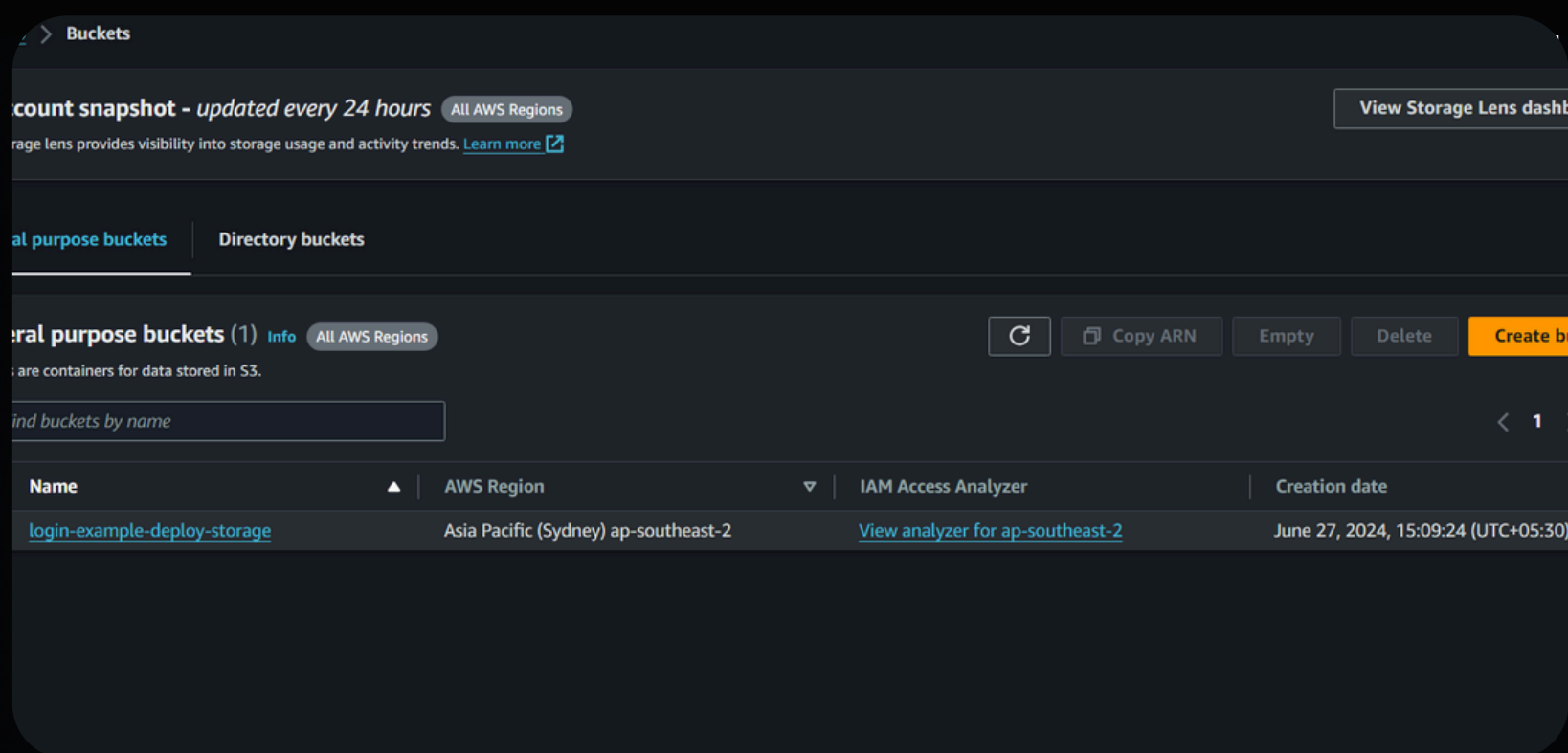


# Hosting Website on S3



# Create an S3 bucket

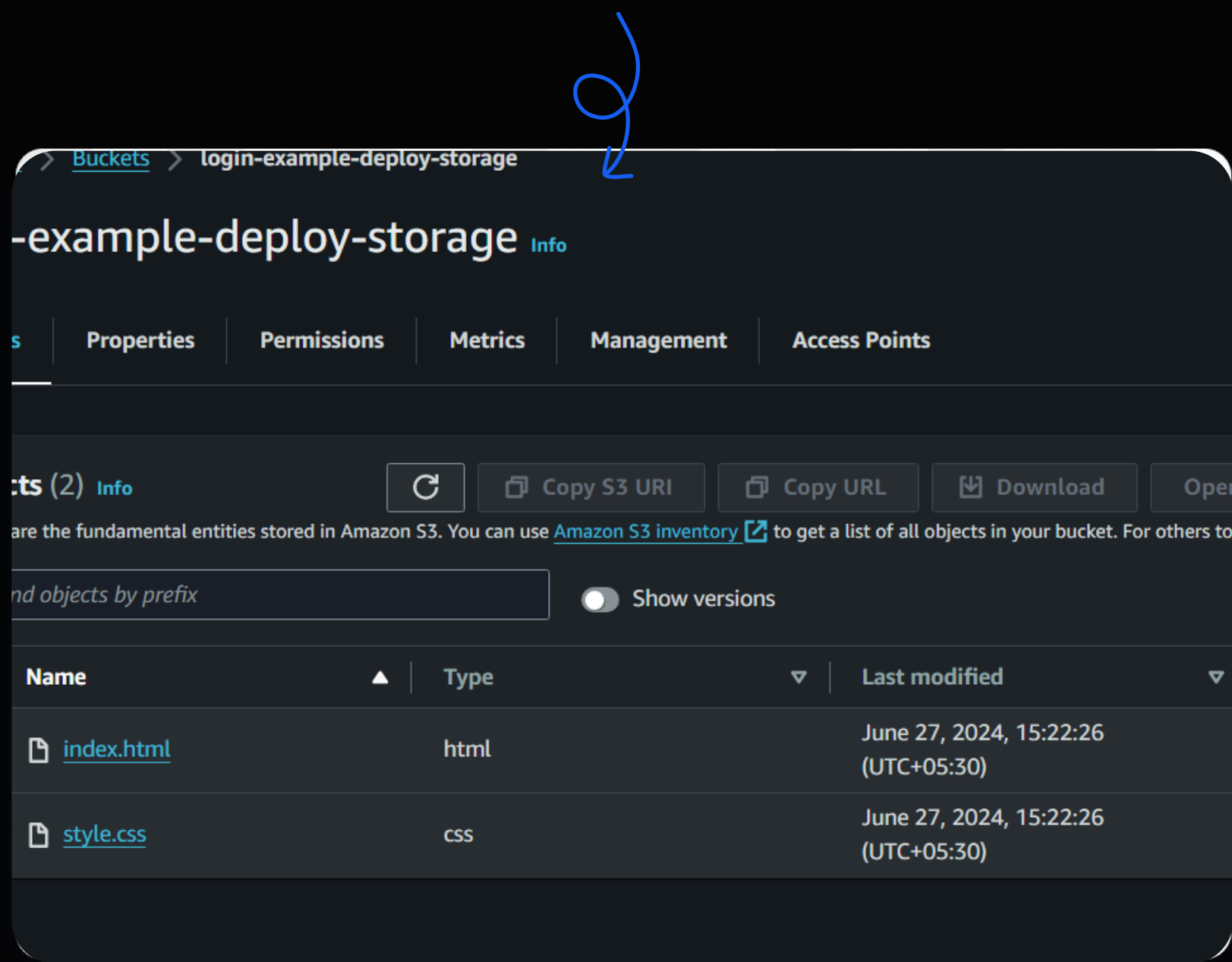
- Some of the configuration steps include:
  - The bucket’s Region: Asia Pacific (Sydney) ap-southeast-2
  - Access Control Lists: Enable (set of rules that decides who can get access to a resource.)
  - Bucket versioning: Enable----> To handle Version
  - Public Access: Enable -----> To deploy public sites



# Upload Login Page files to S3

- No of Files Uploaded --2
- Index.html
- Style.css

Files Uploaded



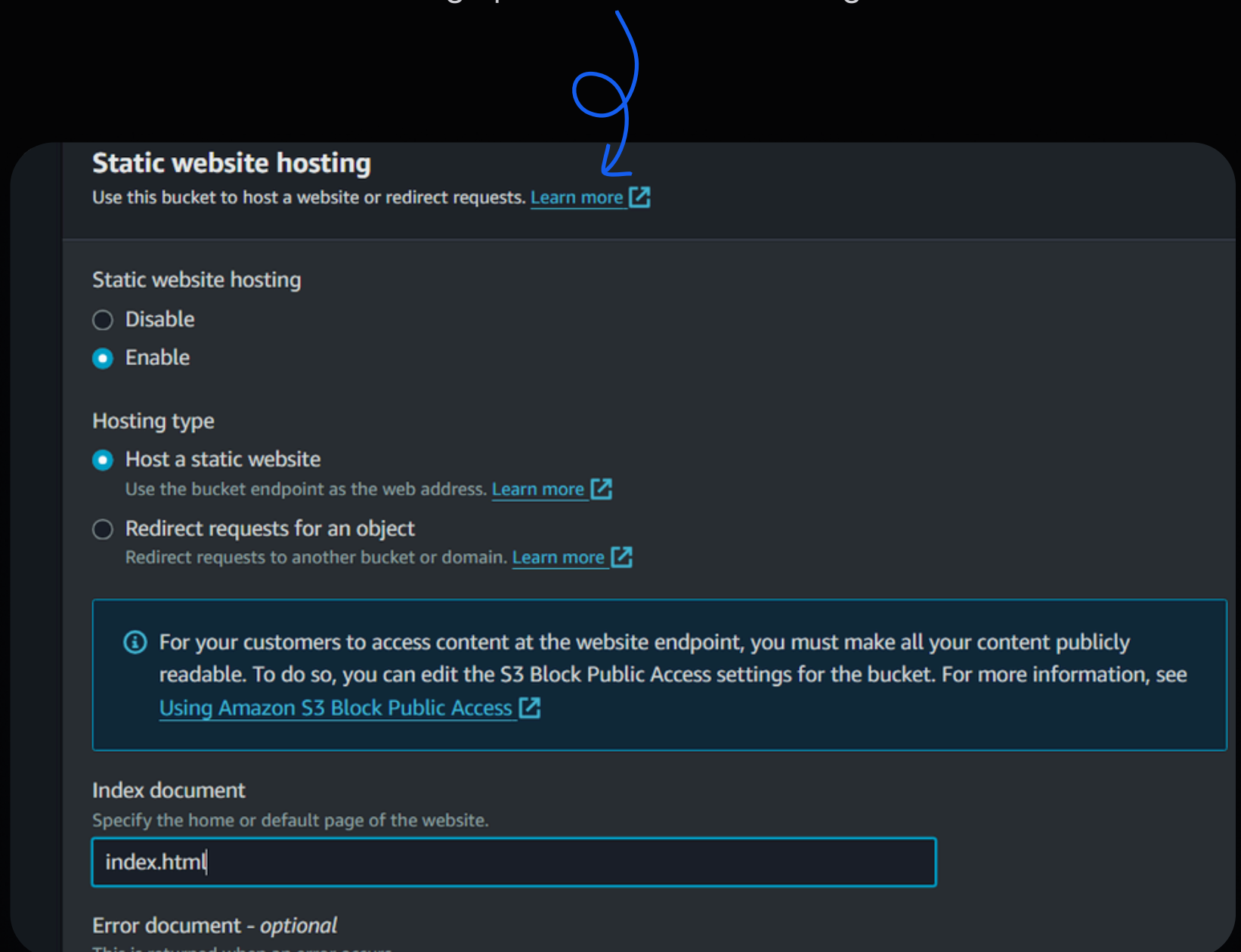
The screenshot shows the AWS S3 console interface for a bucket named 'login-example-deploy-storage'. A blue arrow points from the text 'Files Uploaded' to the bucket name. The console displays the bucket's properties, permissions, metrics, management, and access points. Below the navigation tabs, there are buttons for 'Refresh', 'Copy S3 URI', 'Copy URL', 'Download', and 'Open'. A text box shows the bucket's name and a link to 'Amazon S3 inventory'. A table lists the objects in the bucket, showing their names, types, and last modified dates.


Name	Type	Last modified
<a href="#">index.html</a>	html	June 27, 2024, 15:22:26 (UTC+05:30)
<a href="#">style.css</a>	css	June 27, 2024, 15:22:26 (UTC+05:30)

# Static web hosting on S3

- Buckets-----> Properties
- Static web Hosting ---Enable
- Hosting Type -----> Host a static Website
- Index Document---->Index.html

Setting up static website hosting...




**Static website hosting**  
Use this bucket to host a website or redirect requests. [Learn more](#) 


Static website hosting



☐ Disable

☒ Enable

Hosting type

☒ Host a static website  
Use the bucket endpoint as the web address. [Learn more](#) 

☐ Redirect requests for an object  
Redirect requests to another bucket or domain. [Learn more](#) 

 For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#) 

Index document  
Specify the home or default page of the website.

index.html

Error document - *optional*  
This is returned when an error occurs.

# Error Handling

- If the Url returns the error Code----> follow the below steps
- Bucket ----> Objects-----> Click on the Index.html Checkbox
- Actions----->Make Public Using ACL
- Follow the Same Step for all files

Method -2 ---> Edit the Bucket Policy



```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "PublicReadGetObject",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::your-bucket-name/*"
    }
  ]
}
```

## A simple Webpage Hosted in S3---AWS

