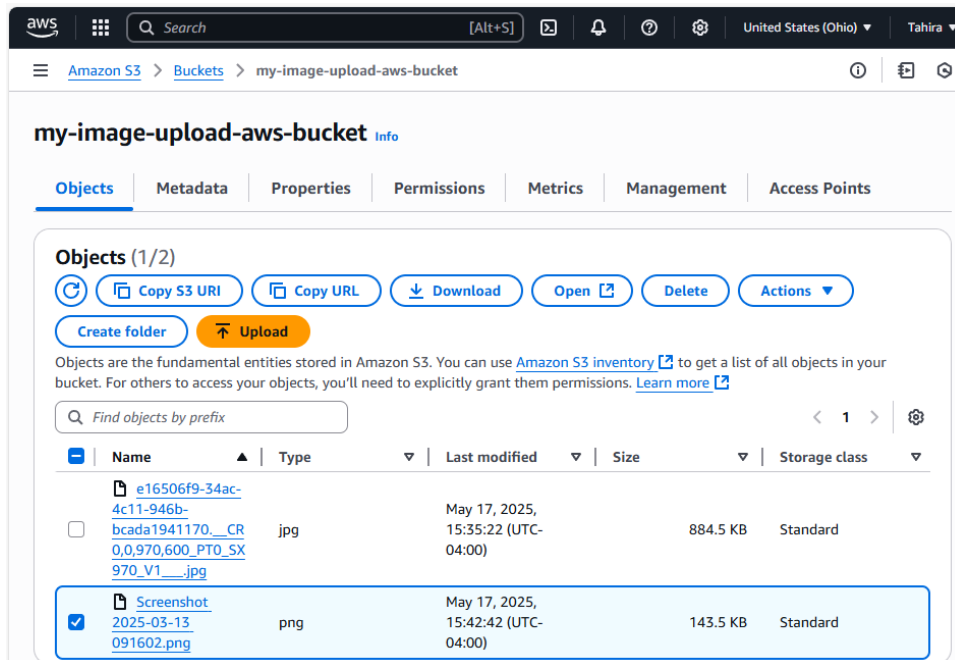


UPLOAD AND LOAD AN IMAGE FROM CLOUD STORAGE

Step 1: Choose Your Cloud Storage Service:

Amazon S3

Step 2: Upload an Image



Step 3: Configure Access

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs). Public access to all your S3 buckets and objects is blocked, turn on Block all public access. AWS recommends that you turn on Block all public access, but before applying without public access. If you require some level of public access to your buckets, your specific storage use cases. [Learn more](#)

Block all public access

Off

Individual Block Public Access settings for this bucket

- ☐ **Block public access to buckets and objects granted through new public access policies**
S3 will block public access permissions applied to newly added buckets or objects. This setting doesn't change any existing permissions.
- ☐ **Block public access to buckets and objects granted through new public access policies**
S3 will ignore all ACLs that grant public access to buckets and objects.
- ☐ **Block public access to buckets and objects granted through new public access policies**
S3 will block new bucket and access point policies that grant public access that allow public access to S3 resources.
- ☐ **Block public and cross-account access to buckets and objects through public access policies**
S3 will ignore public and cross-account access for buckets or access points.

Step 4: Retrieve Image URL

<https://my-image-upload-aws-bucket.s3.us-east-2.amazonaws.com/Screenshot+2025-03-13+091602.png>



Step 5: Load image in a webpage:

Static HTML

```
index.html x
index.html > ...
1  <!DOCTYPE html>
2  <html>
3  <head>
4    <title>Uploaded Image</title>
5  </head>
6  <body>
7    <h1>My Uploaded Image from S3</h1>
8    
9  </body>
10 </html>
11
```



Step 6: Postman Testing

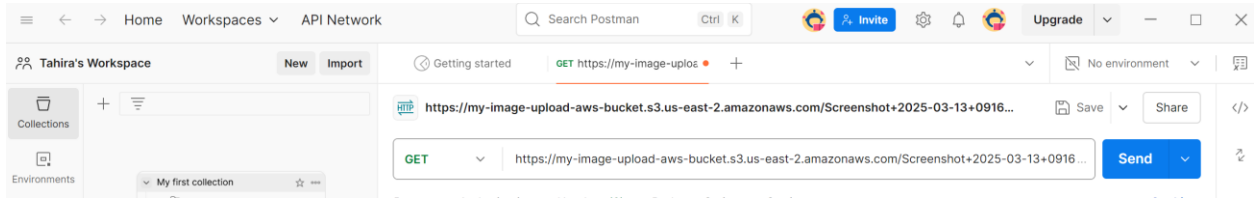
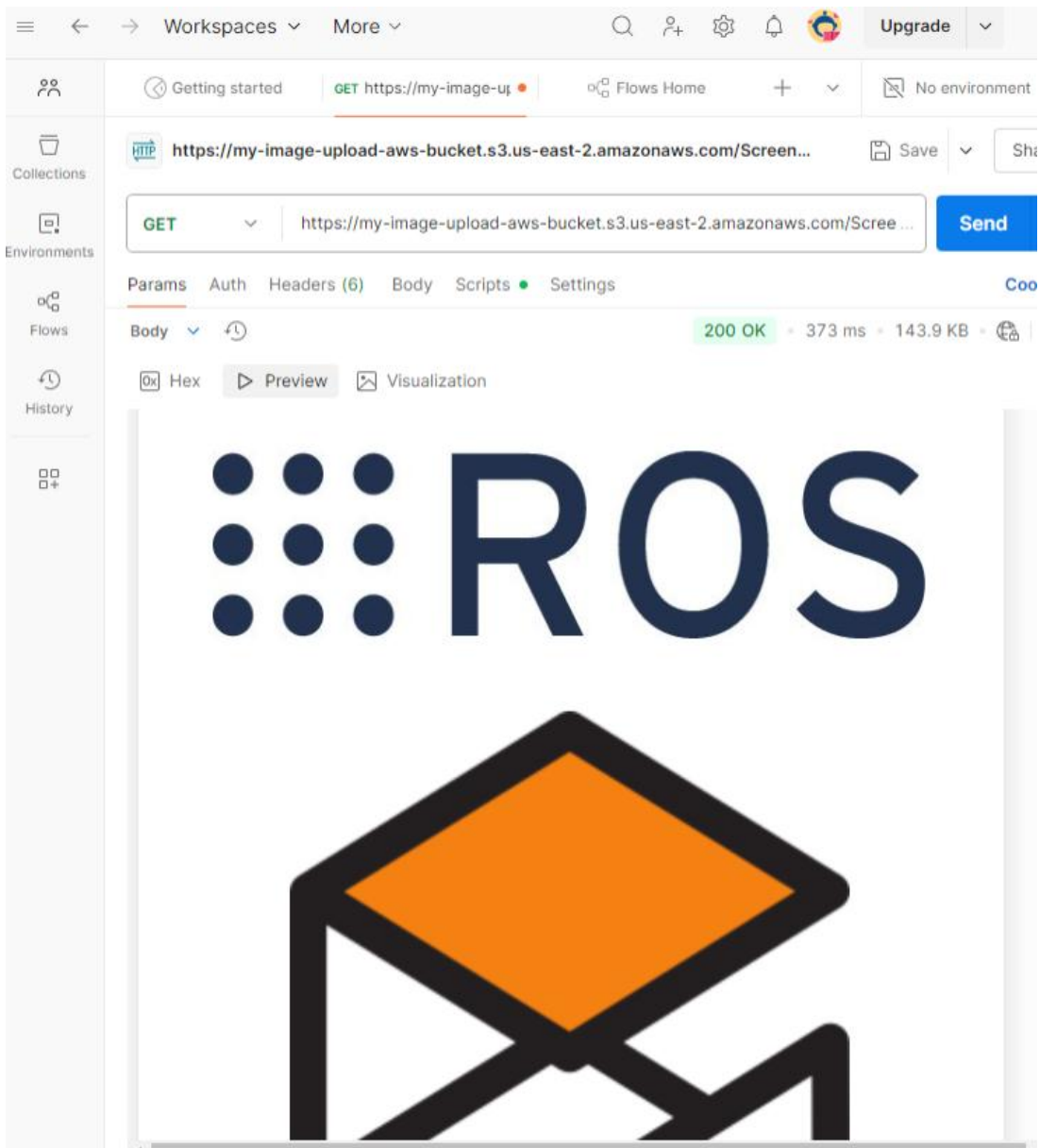


Image loads Successfully: Status: 200 OK

Image displayed in the Body tab.



Step 7: Bonus

Implement Security Controls

Ensure the image URL uses HTTPS

Yes, image URL uses HTTPS

```

```

Security Note:

Also used :

```
<meta http-equiv="Content-Security-Policy" content="default-src 'self'; img-src 'self' https;";>
```

This page does not take user input, so sanitization libraries like DOMPurify are not required.

The image is hosted on a public S3 bucket for assignment requirements in step 3.

In real-world applications where users upload images or provide URLs, input sanitization would be essential, but not for this assignment.