

Getting started with Amazon S3

- Task 1 was mainly about getting launching the console with my username and accesskey or secret access key.
- Task 2 was about creating the s3 bucket, make sure to select your regional preference first before creating the s3.
 - *S3 bucket name is globally unique, choose a name which is available.*
 - *Region; Select US East (N. Virginia) us-east-1.*
 - *Bucket ownership; Select ACLs enabled. (the reason of this selection is because this enable you to manage access to buckets and objects. Each bucket and object has an ACL attached to it as a subresource.*
 - *Uncheck the option, Block all public access, and check the acknowledge option. (as it allows your object to be accessed publicly.*
- Task 3: Upload an object to S3 bucket
 - *Uploaded an object into my s3 bucket from my local machine*
 - *Once uploaded the image into the bucket, it's now time to change the permission of the image to make it publicly accessible.*
 - *Checked the image URL in a new tab and access was denied or inaccessible, which means the object is not publicly accessible.*
 - *To change the image permission, I went to the object permission tab and clicked edit button, which allowed me to check the Everyone (public access) : check the Read checkbox of Objects.*
 - *Once I made this changes, I went back to the browser tab and refreshed the page; and now the image is accessible.*

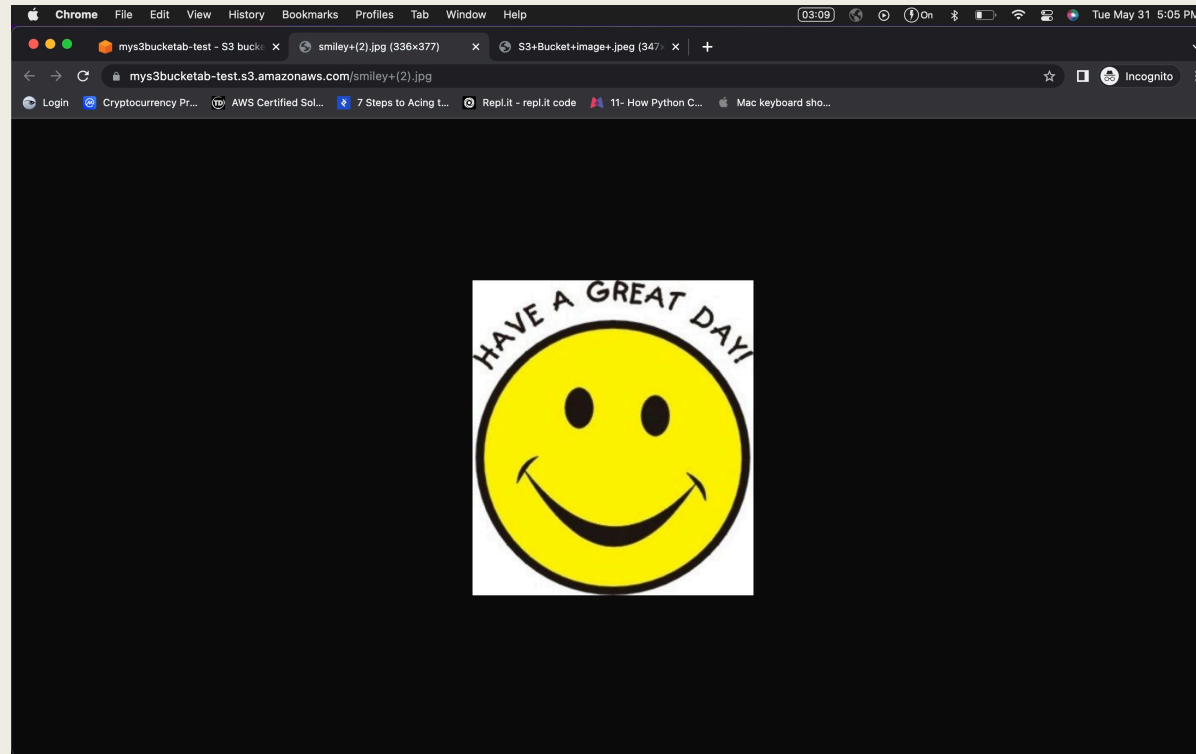
■ Task 5: Create a Bucket Policy:

- I granted this access to make all the objects inside a bucket available publicly.
- To make these changes, I went on my bucket name and under the permission tab scroll down to the bucket policy and clicked the edit button.
- Then a blank Bucket policy editor is displayed and that's where I pasted the entire policy which I have in the next slide. Then I added the bucket ARN in the resource line and click save.

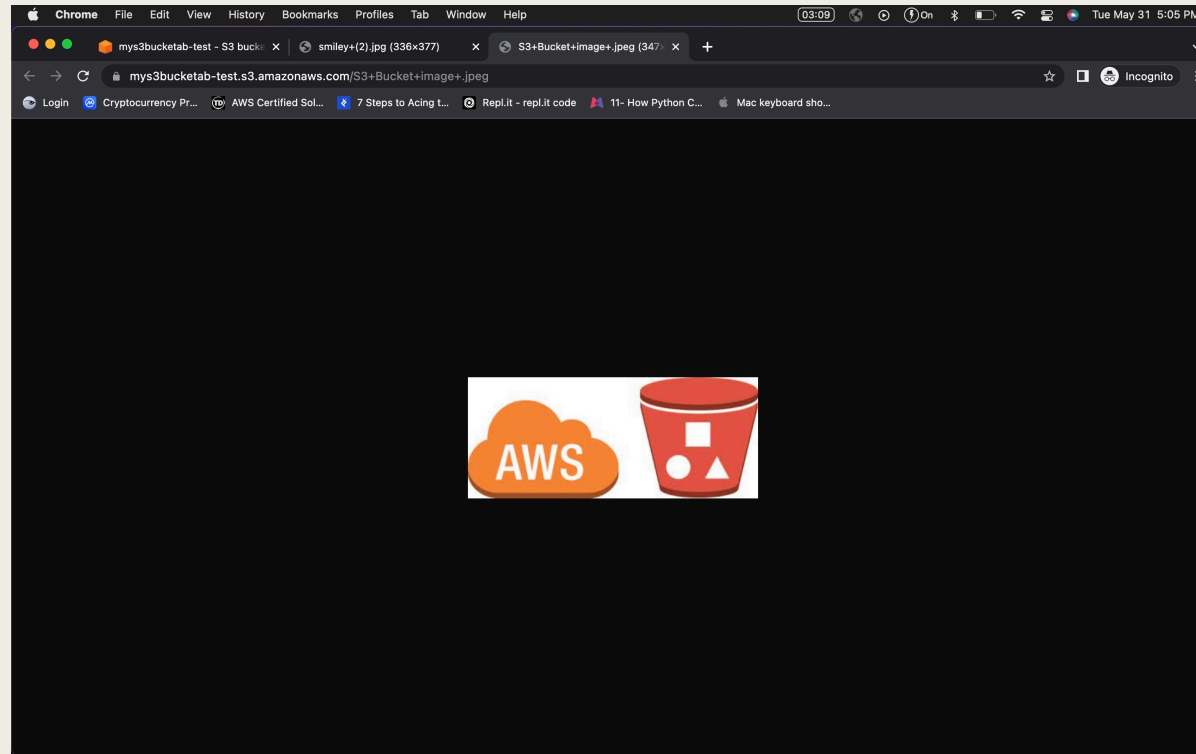
■ Task 6: Test Public Access:

- *To check if the public access change is working, upload another object image and copy the url in a new browser.*
- *Now you can see the image is successfully loaded and is publicly accessible.*
- *The next few slides is shown screenshots of the image url's which is open in a new browser to access it.*

This's me accessing the first object image on a browser tab.



This's me accessing the second object image on the next browser tab.



The END

- To summarize this project:
 - *I was able to create an S3 bucket*
 - *Name the object in the bucket*
 - *Then a few images on the object*
 - *To access these images publicly, I did a few permission changes on the object level, including to uncheck the Block all public access which prevents the public to access the image.*
 - *Also, I checked the ACL enabled which allows me as an owner of the bucket to make changes on the object level.*
 - *After uploading the images on the object, then I tested the url link on the browser to make sure its properly working. Which turns out to be working well.*
 - The END.