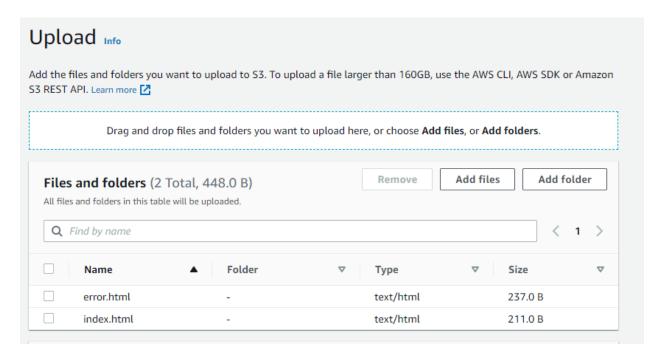
## **Hosting a static website using S3**

So, when for this example we will be hosting a static website on a public bucket. Because we do want people to access this since it is a website.

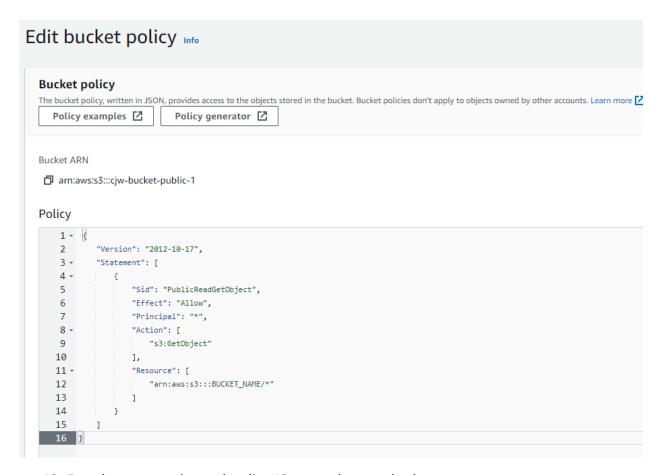
- 1. Once the bucket is created, go into the properties tab and scroll all the way down to the bottom and you will see static website hosting > Then click edit > Enable
- 2. From here you will come across the Index and Error sections

Static website hosting Use this bucket to host a website or redirect requests. Learn more
Static website hosting  Disable
Hosting type
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.html

- 3. You can see the index and error section we did this because it specifies our index and what page to load if there is an error.
- 4. Save Changes
- 5. If you go all the way to the bottom you will see a URL link to your website, but for now we will leave it and go and upload an object
- 6. Go back into the objects tab and click "upload"
- 7. Here you want to find your index and error html files



- 8. And once that is there, click upload and close
- 9. So once you're back at your objects tab.
  - a. Imagine having hundreds of html files you need to have public, going through them manually is time consuming.
  - b. So the best thing to do is to make this entire bucket public
- 10. So to do that you go into Permissions > Bucket Policy > Edit
- 11. In the course they provided a JSON provided down below



- 12. From here we need to update line 12 to match up our bucket name
  - a. ARN stands for amazon resource name
- 13. Here I cannot continue due to the permissions I have
- 14. Save changes
- 15. Now we can see it is publicly accessible
  - a. Even clicking on S3 you can see it is
- 16. Go to properties > Click on the link > and it will come up the html

You're now completed