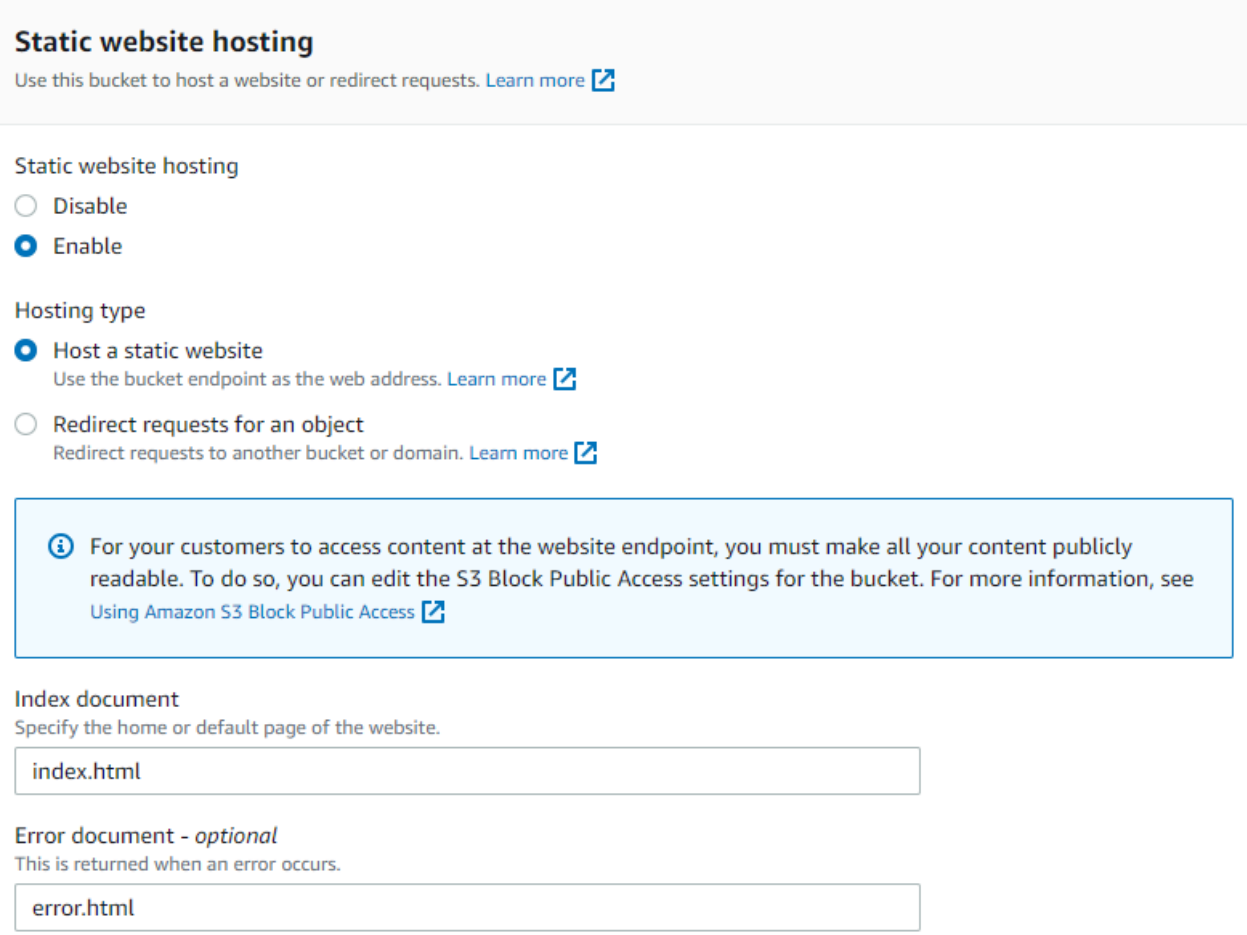
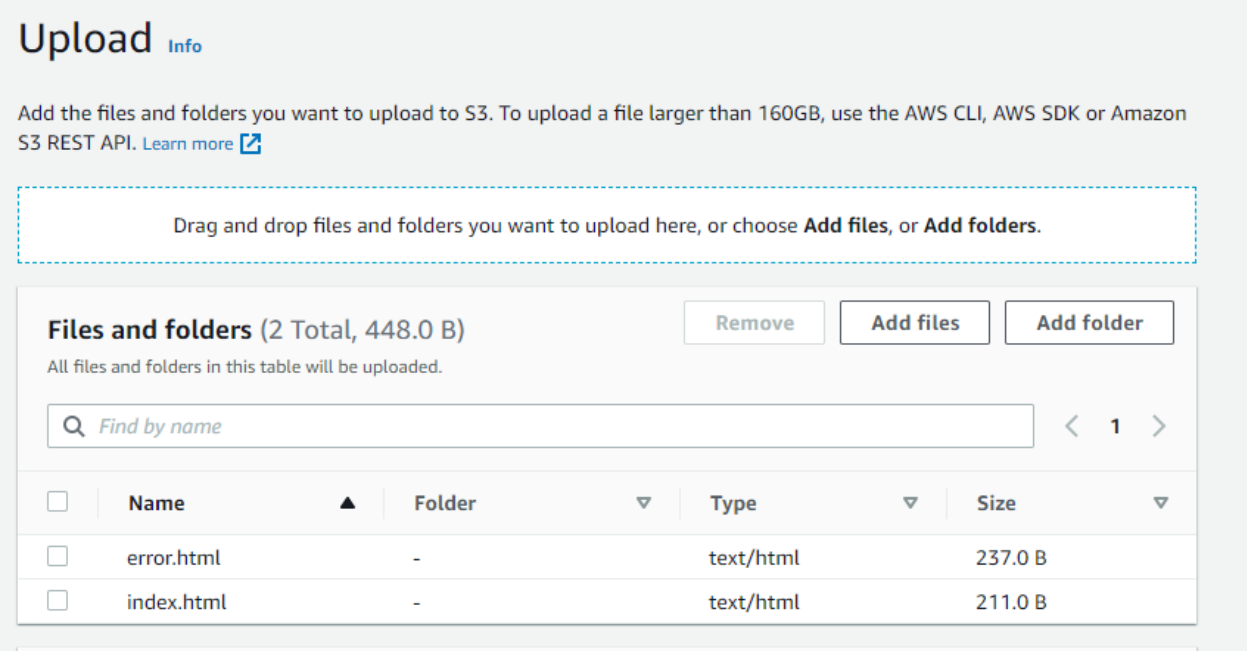
Hosting a static website using S3

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.

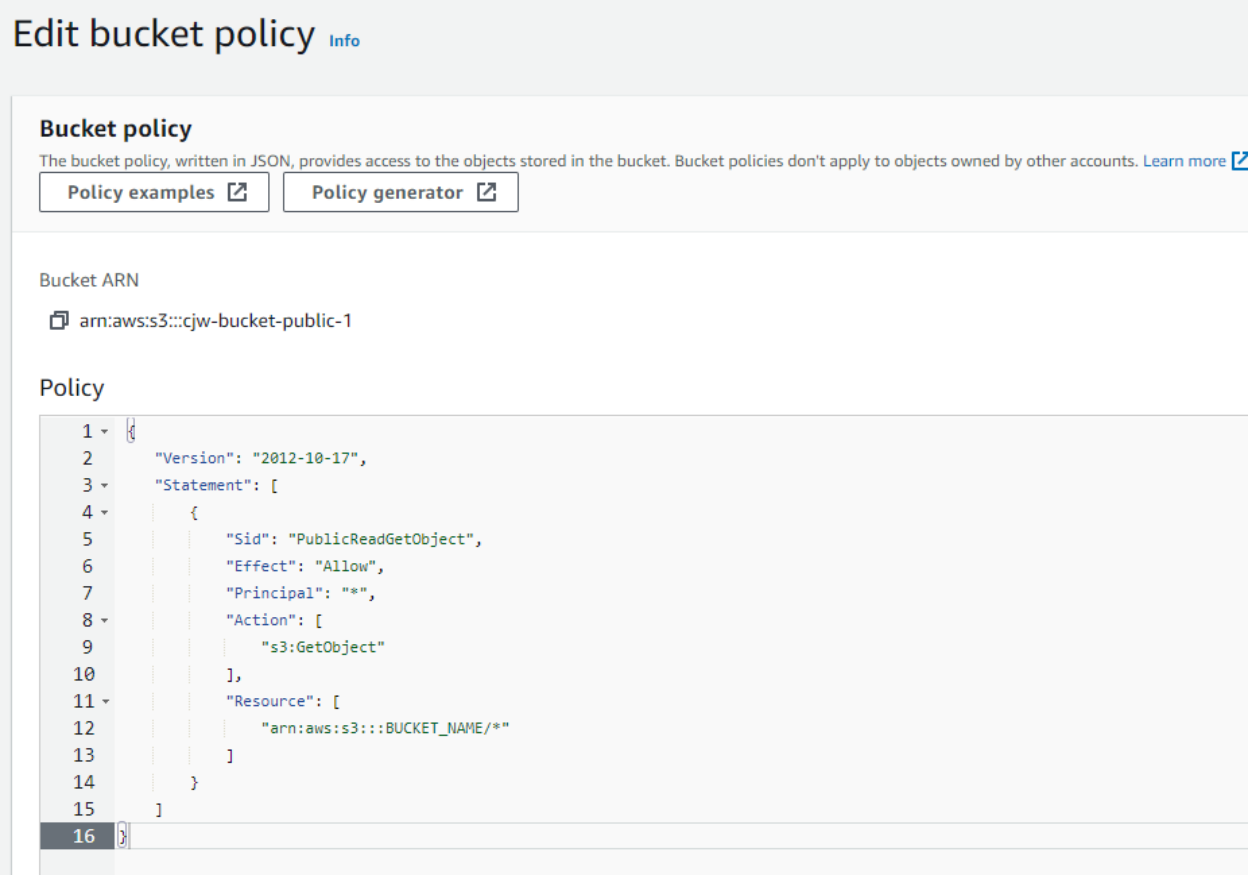
1. Once the bucket is created, go into the properties tab and scroll all the way down to the bottom and you will see static website hosting > Then click edit > Enable
2. From here you will come across the Index and Error sections



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