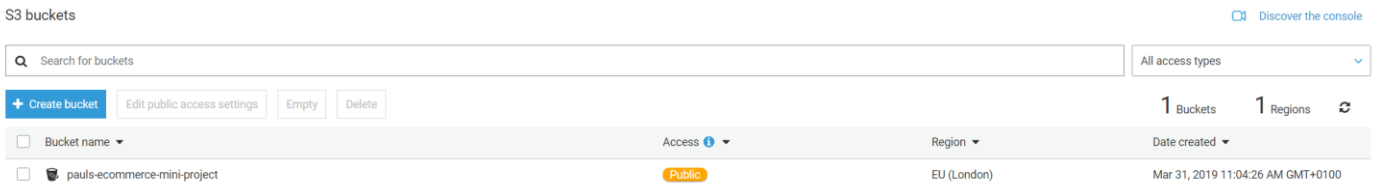
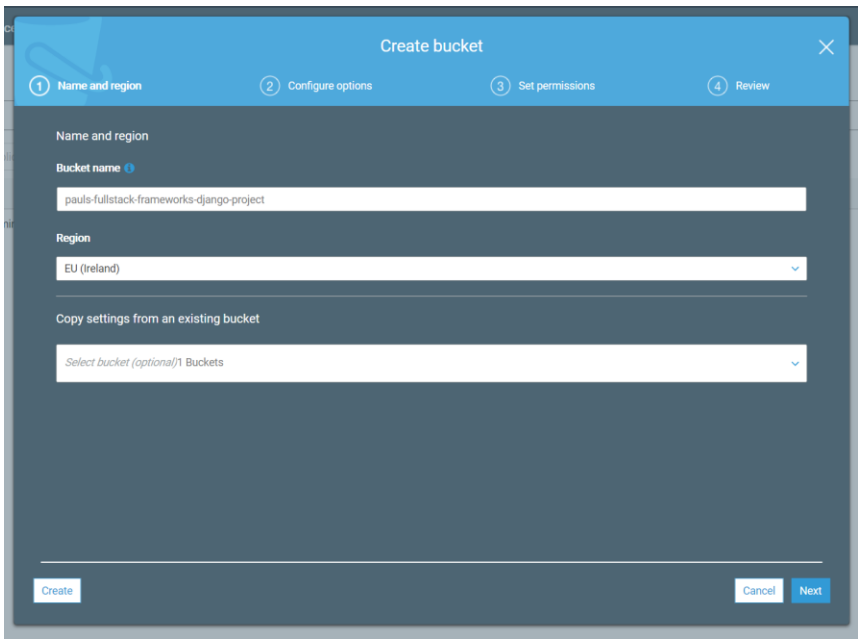
Create new S3 Bucket

I am creating a new S3 Bucket in AWS for Static website hosting for my Full stack Frameworks for Django project no5.

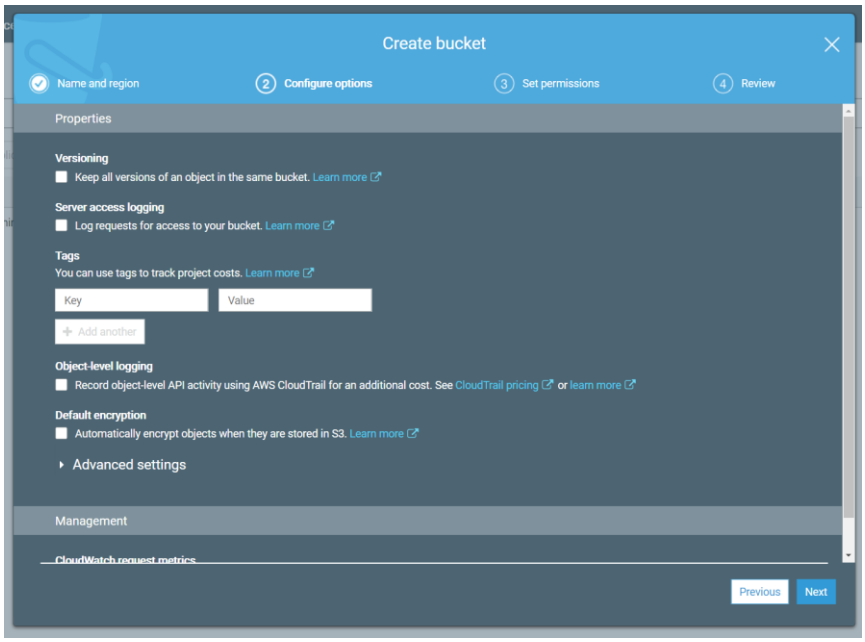
- Log into your AWS account https://aws.amazon.com/console/
- Go to S3 buckets which allows you to create buckets which are small parts of a cloud server that you can put your files into.



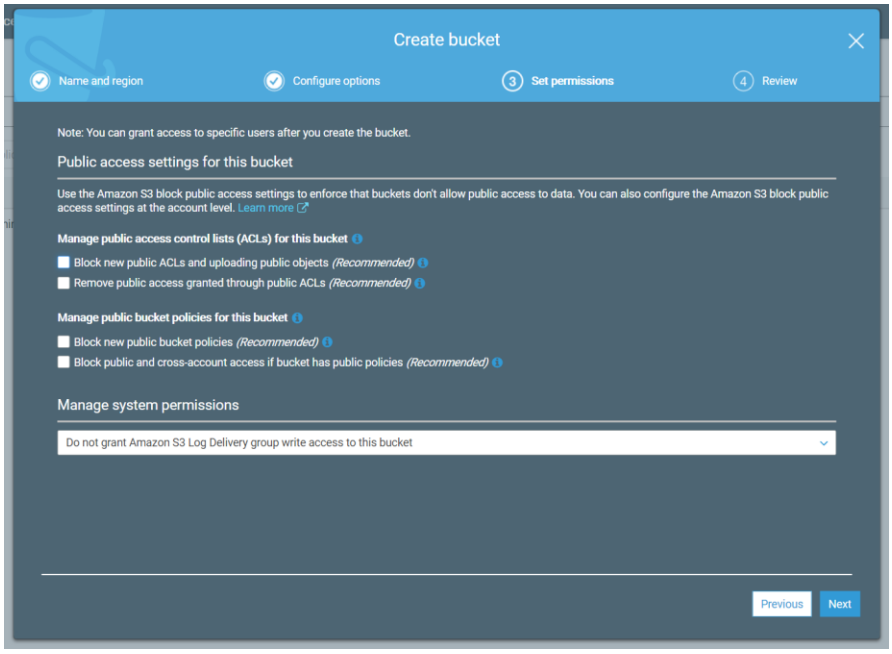
- Click on Create bucket button



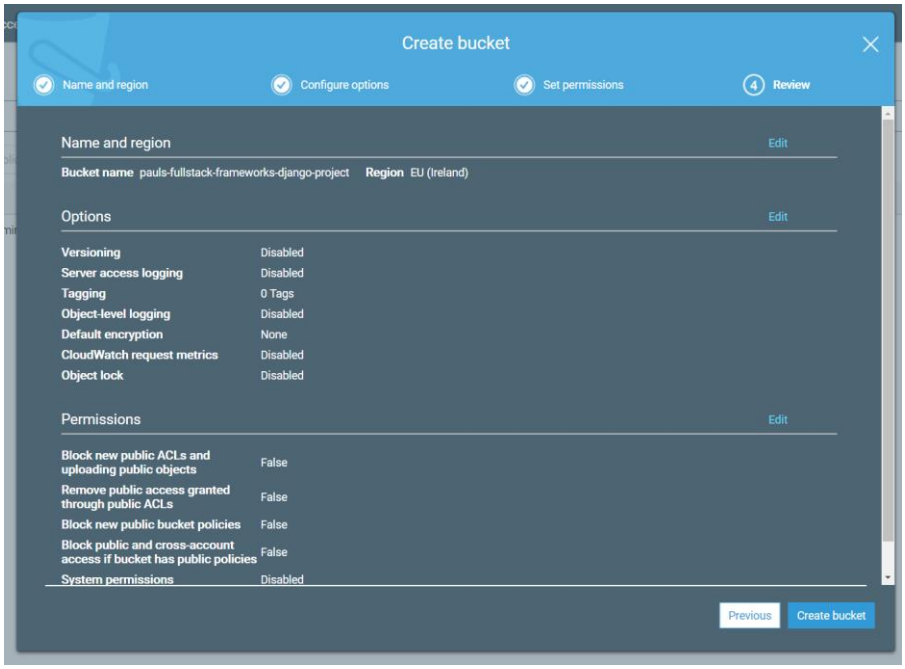
- Enter name of bucket in Bucket name field and then click on next button



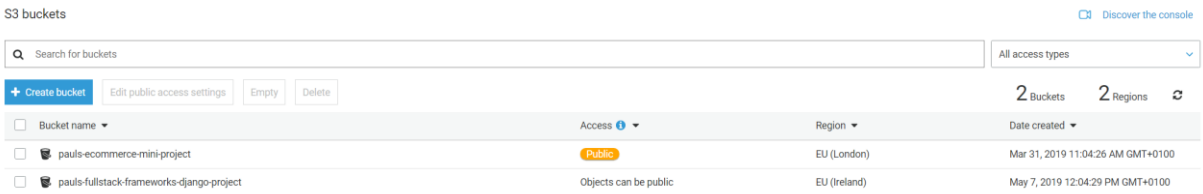
- Just click on the next button as nothing to fill in on this page.



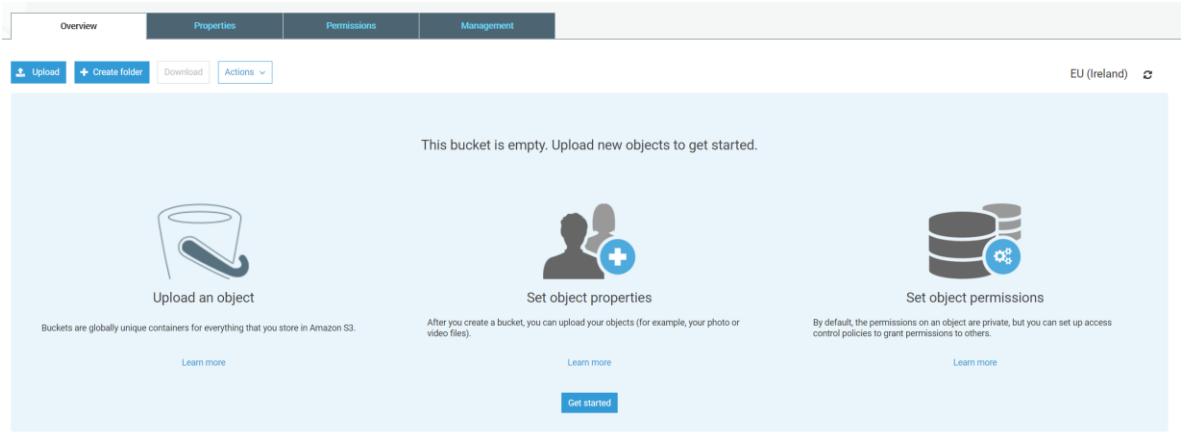
- Because we actually want this to be accessed by the public, we need to untick all of these four checkboxes and then click next button.



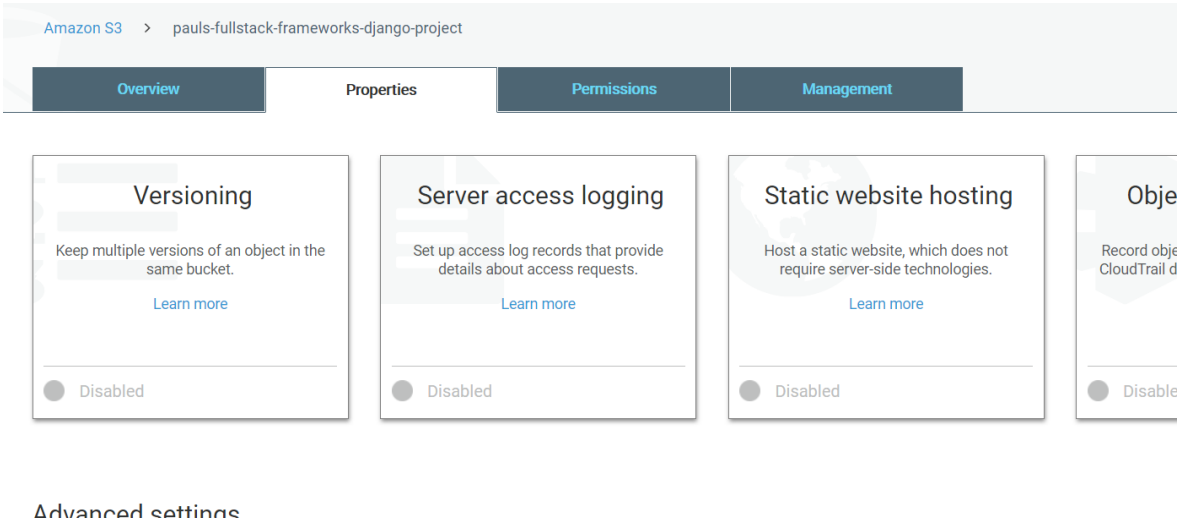
- Then click on Create bucket button



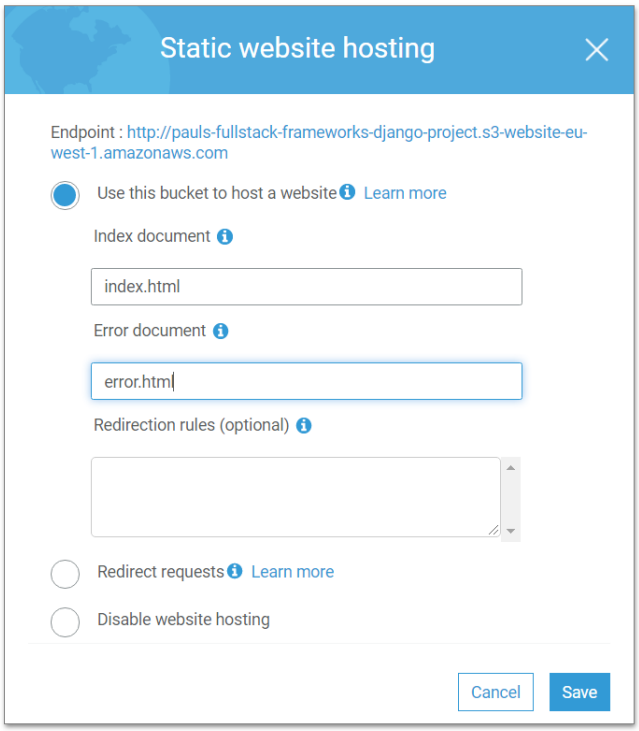
- Click on the new bucket name.



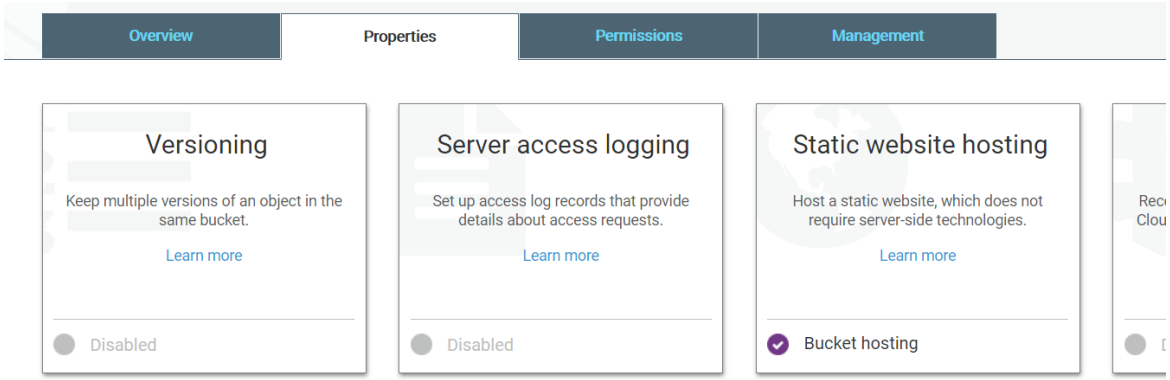
- Click on Properties



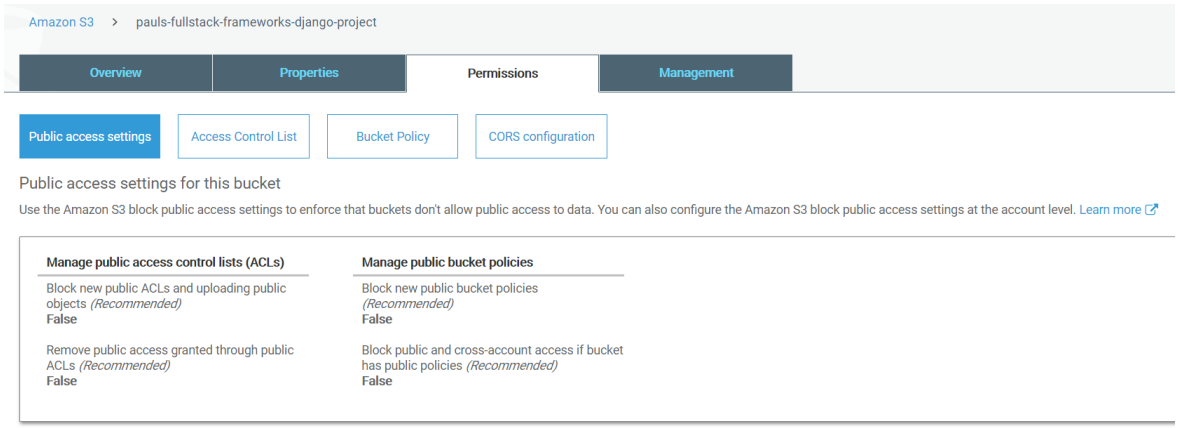
- Click on Static website hosting



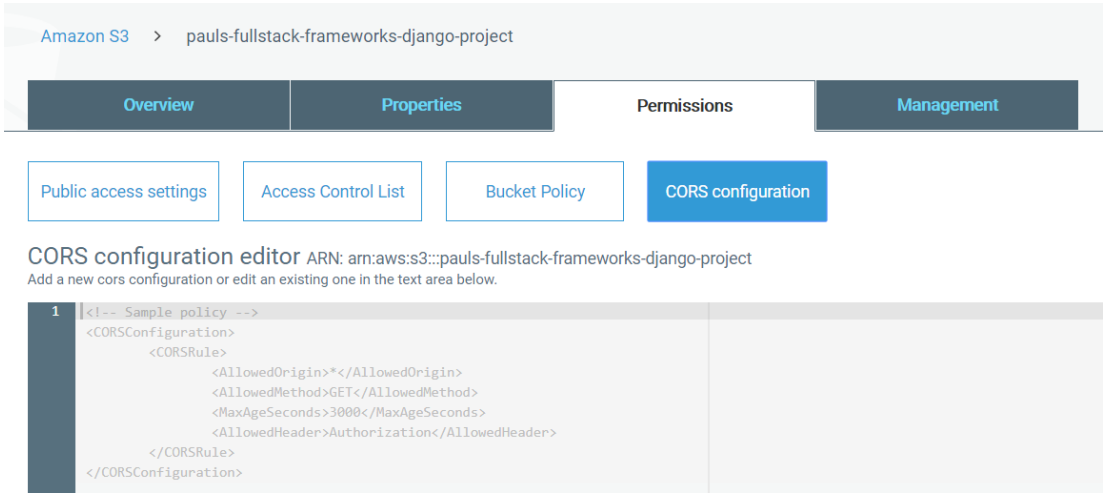
- Click on Use this bucket to host a website , Enter index.html in index document box and error.html in Error document then click on Save button.



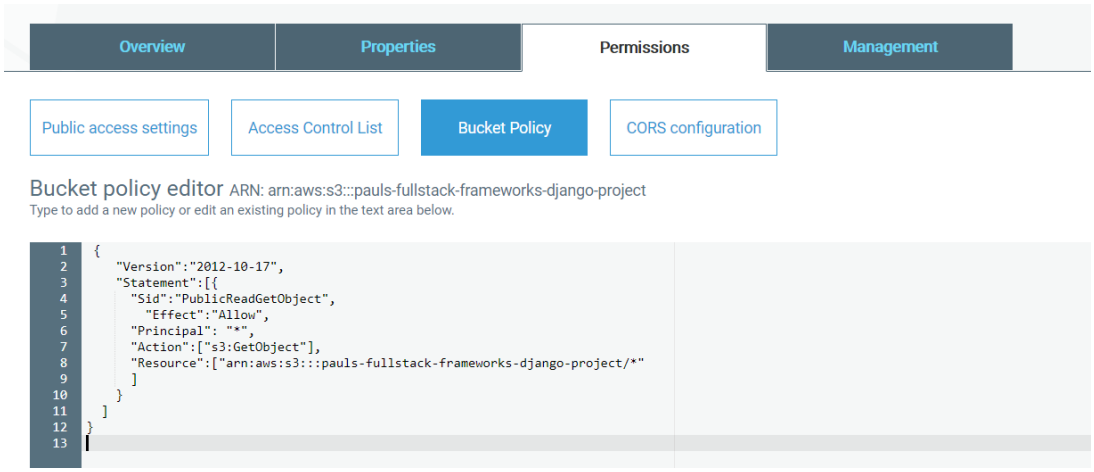
- Click on Permissions tab



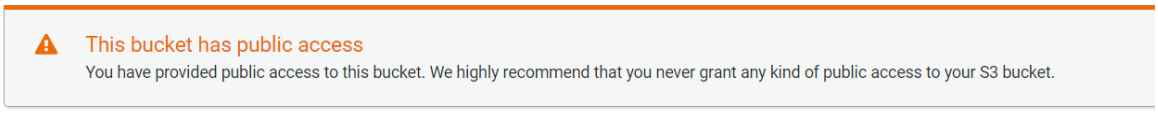
- Click on CORS configuration button



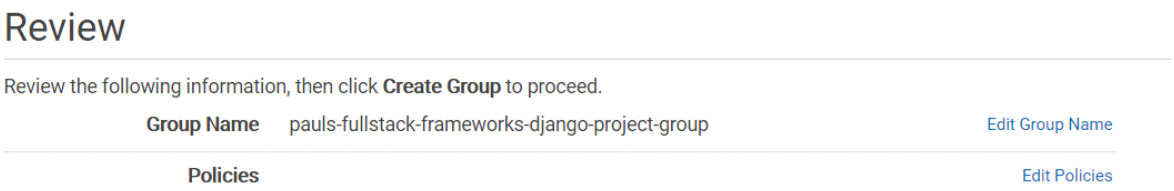
- Cut and paste the Default example below the video and then click on Save button



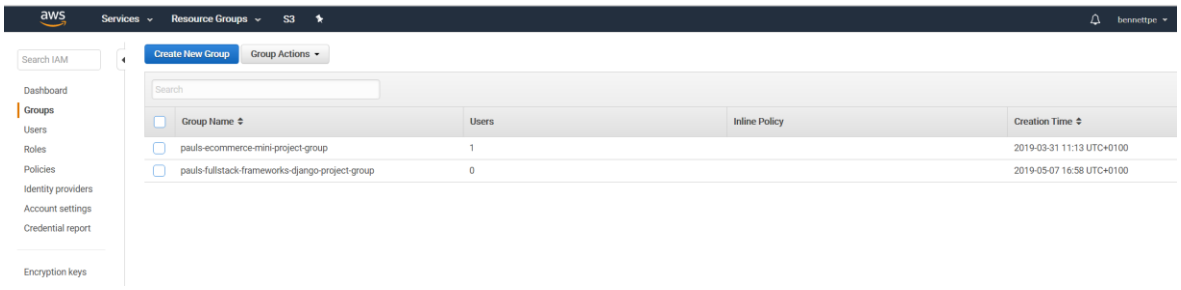
- Click on Bucket Policy
- Cut and paste the default example below the video
- Cut and paste the Buck policy editor into the Resource line no7 and keep the /* at the end of the line.
- Click on the Save button



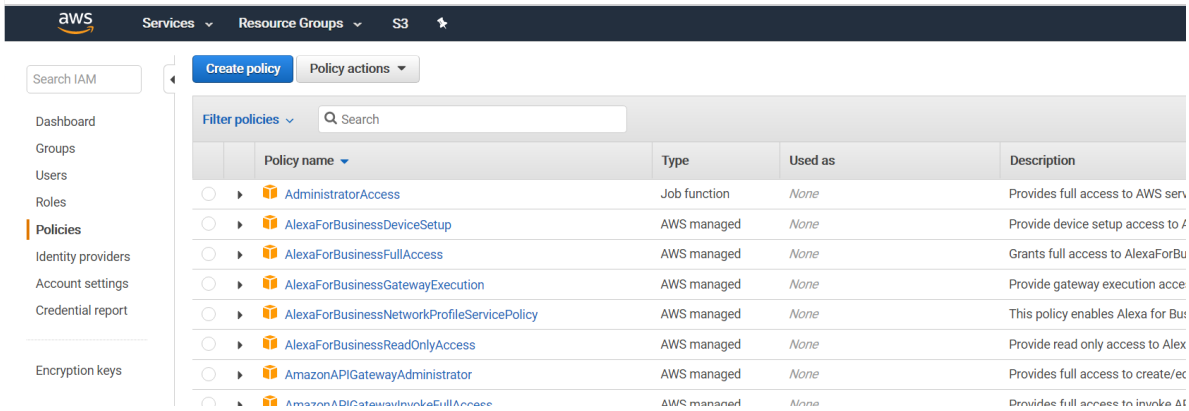
- Then you get a waring to say bucket has public access, but that's what we want.
- Click on Services on nav bar
- Type IAM in search box and press enter
- Click on Groups
- Click on Create New Group button
- Enter group name `pauls-fullstacks-frameworks-django-project-group` best to enter something that matches your bucket name.
- Click on Next Step button
- Click on Next Step button in attached policy page



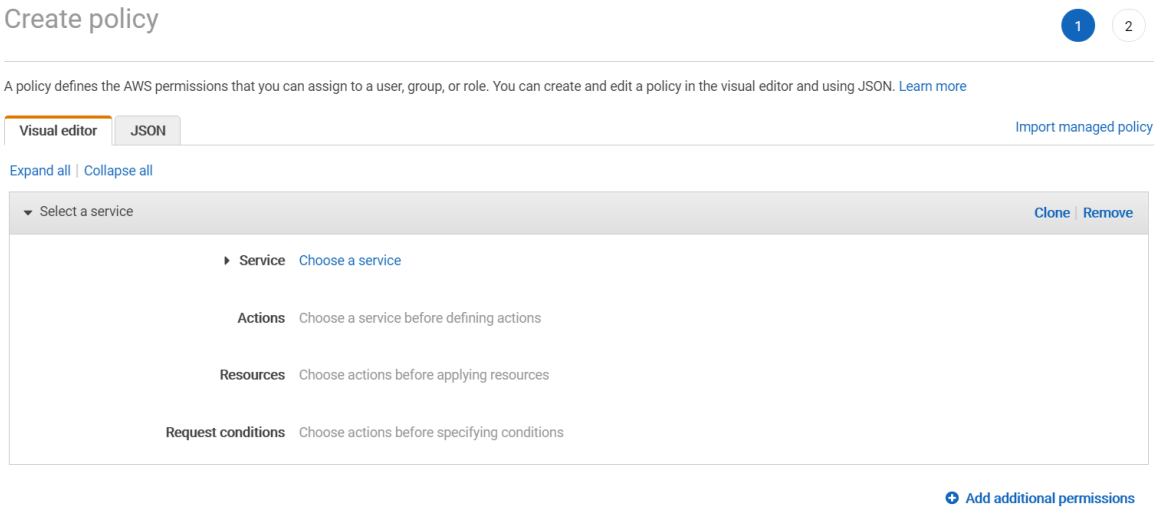
- Click on Create Group button



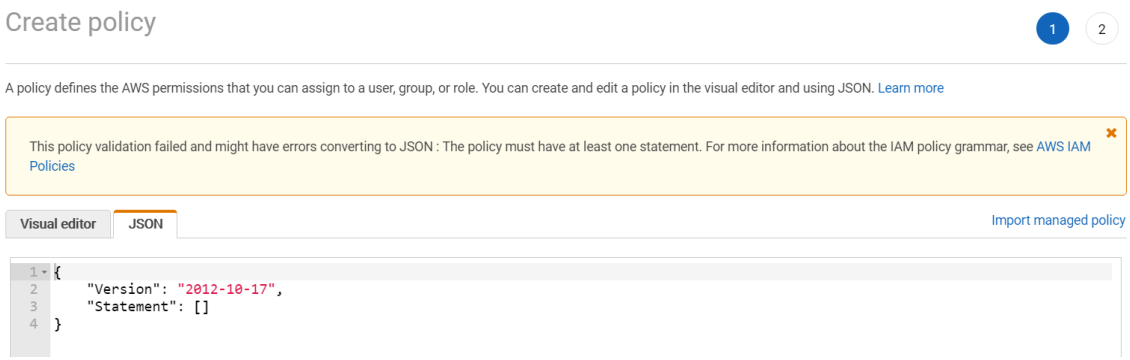
- Click on Policies



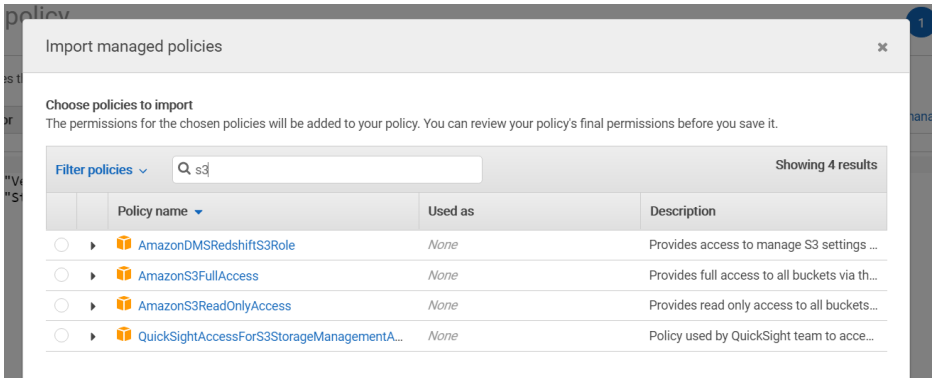
- Click on Create policy button



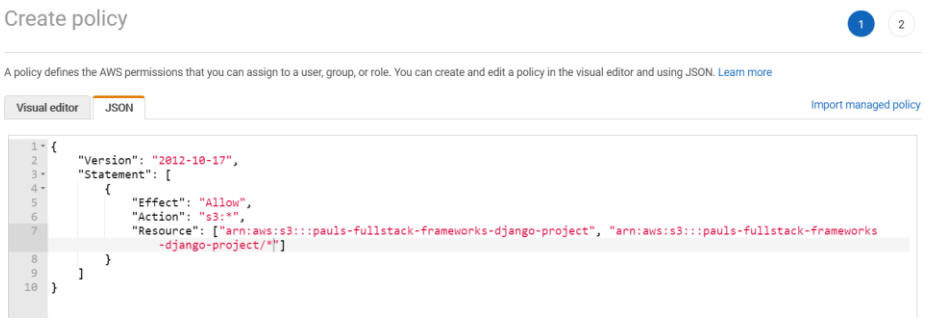
- Click on JSON tab



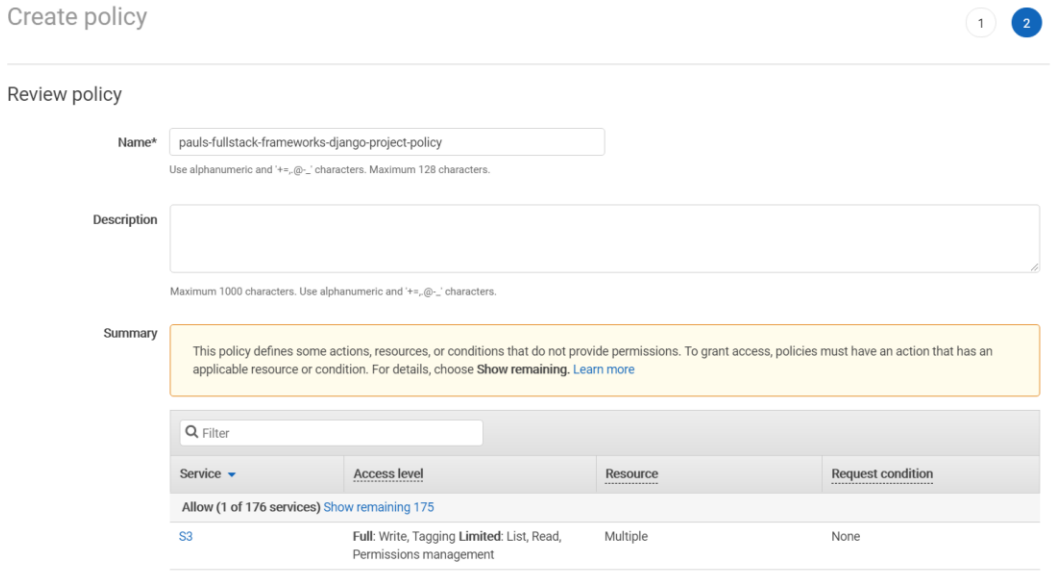
- Click on Import managed policy
-



- Enter S3 in filter policies box
- Select AmazonS3FullAccess and click on import button



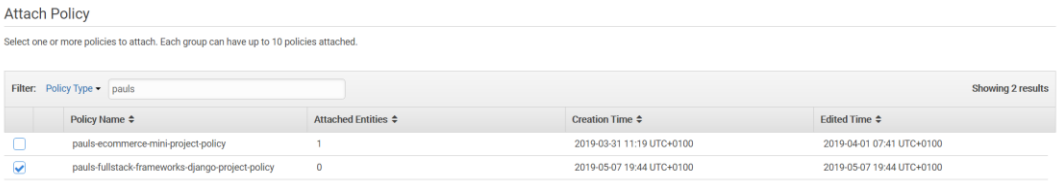
- Update the resources line no 7 to include arn as above enclosed in quotes
- Click on Review policy button



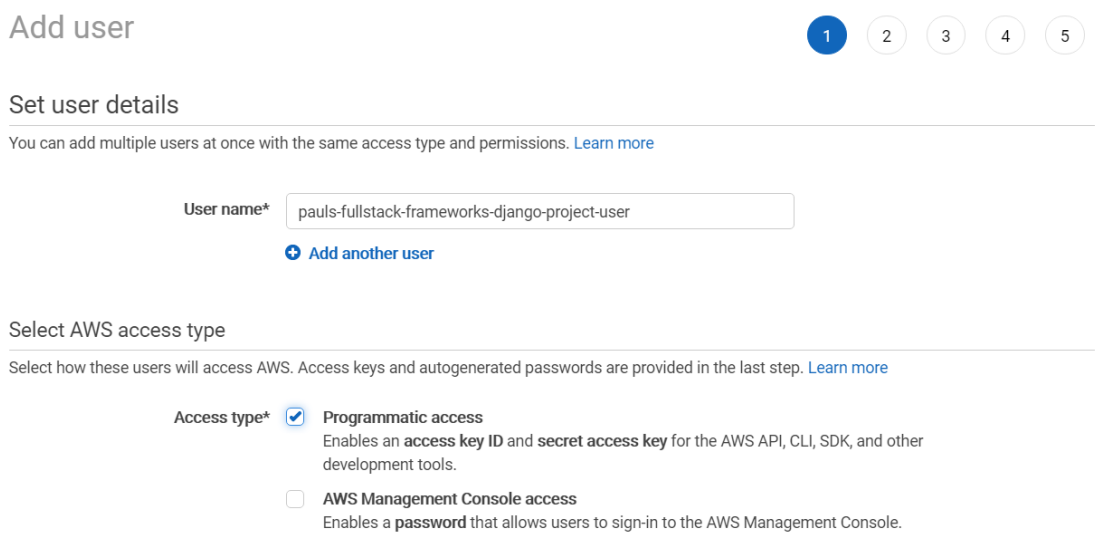
- Enter policy name in name box pauls-fullstack-frameworks-django-project-policy and click on Create policy button

- Now that we have our policy, we need to add it to the group that we created earlier so click on group then click on group name

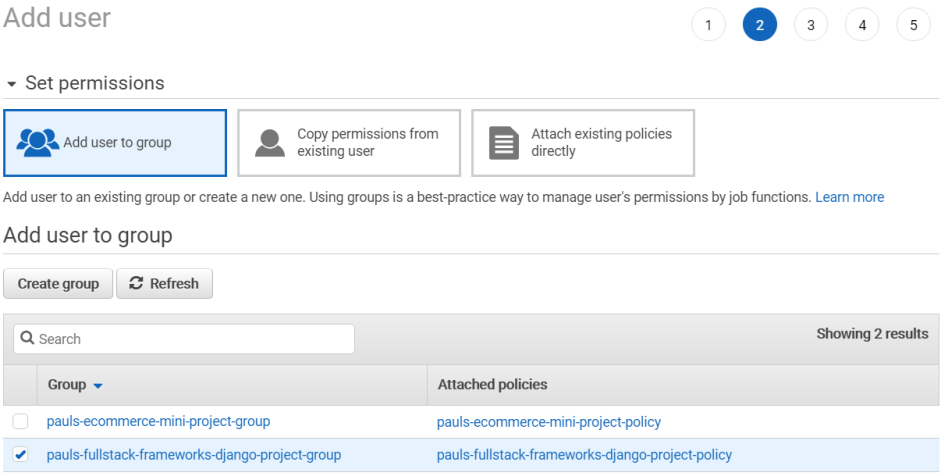
- Click on the Permissions tab, then click on Attach Policy button



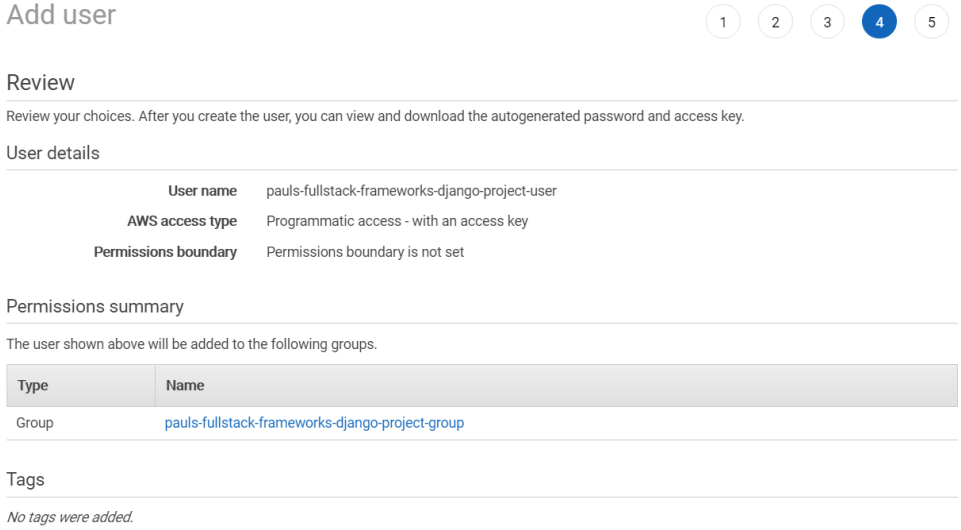
- Search for policy in Policy Type box and then click checkbox then click on Attach Policy button
- So now we need to create a user so click on Users
- Click on Add user button



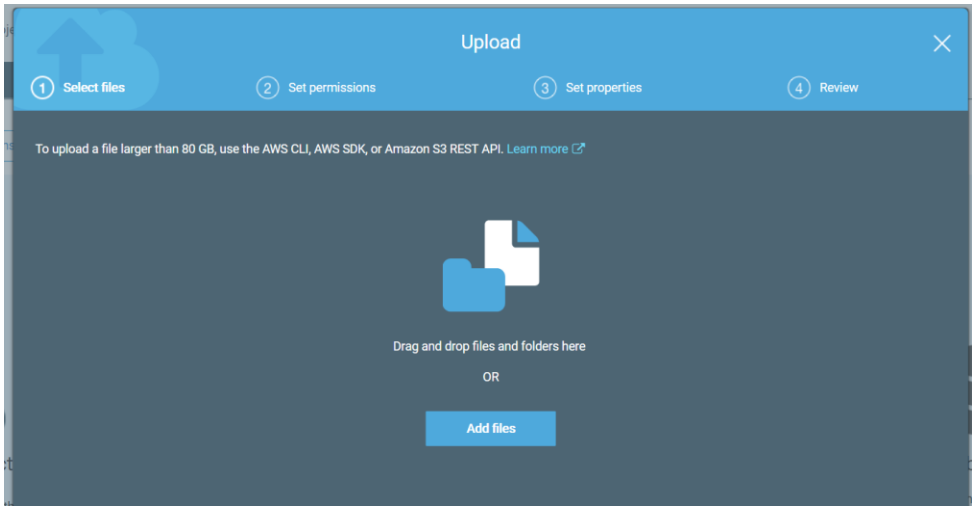
- Add User name into box pauls-fullstack-frameworks-django-project-user click on Programmatic access checkbox and click on Next: Permissions button



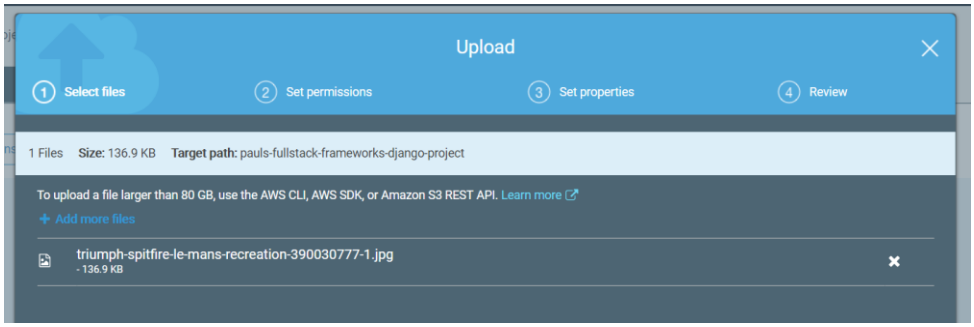
- Click on the checkbox of the Group we just created and click on Next: Tags button
- We don't need any keys so click on Next: Review button



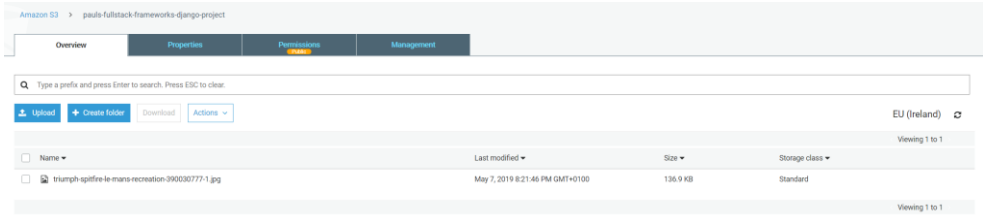
- Click on Create user button
- Now we download the .csv file by clicking on Download .csv button as this will download the keys we need for our software.
  We need to keep this csv file safe because if we lose it, we would have to delete the user and create a new user with new access keys
  Now go back to S3
- We are going to test it by trying to Upload a file so click on Upload button



- Click on Add files button and select a file



- Then click on Upload button



- If we click on it, we can see we're provided with a URL and that URL will allow access to that image from anywhere on the web