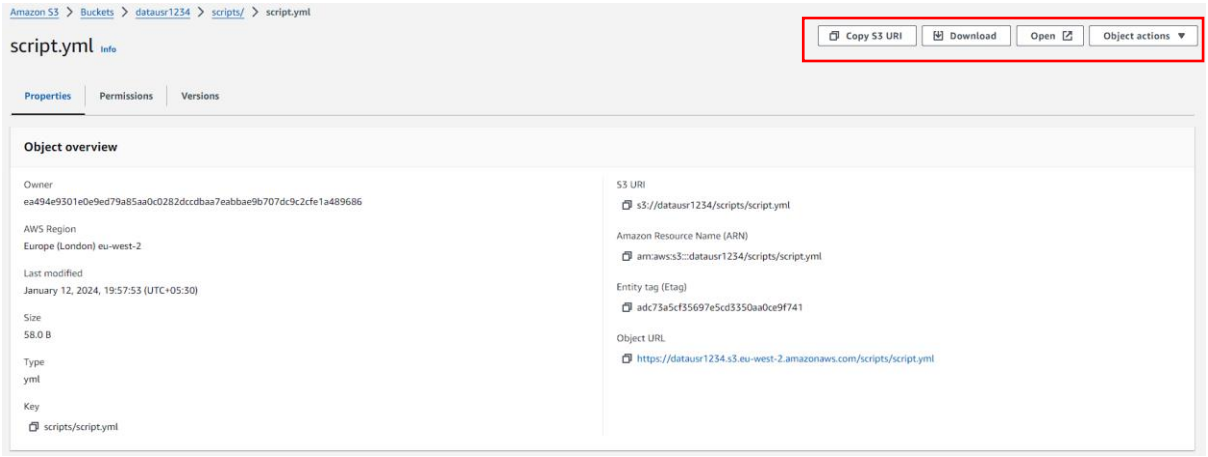
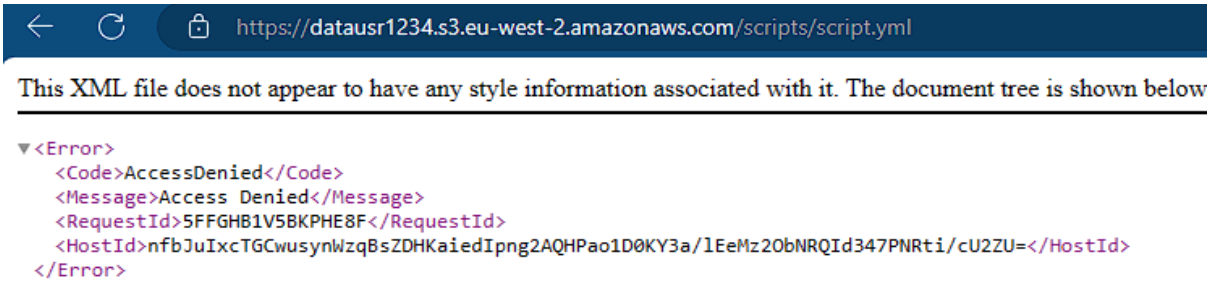
😊 Providing Access to Object in S3

1. Login to AWS Console.
2. Then navigate to S3, and open your recently created bucket.
3. In the last lab you have stored some files or objects in S3.
4. In relation with that you have the authority to download that object or file and open that object or file.

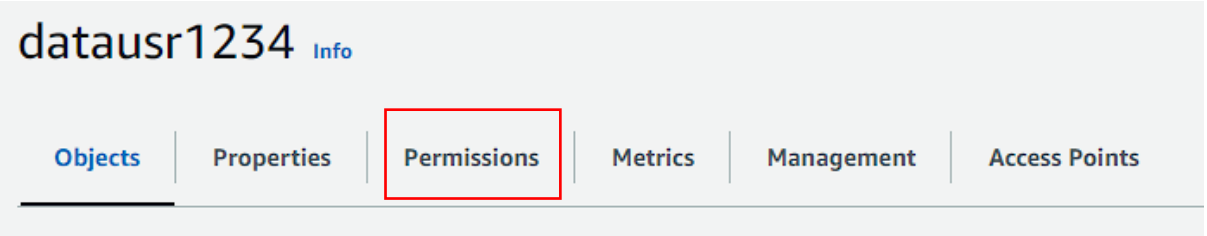


5. But if you will use the object URL and open that in a new tab you will see that it is giving you an access error.
6. This error is happening because of the permission that you have given to the bucket.
7. As you know this URL is basically used for third parties, who can access your bucket content and download or see them.



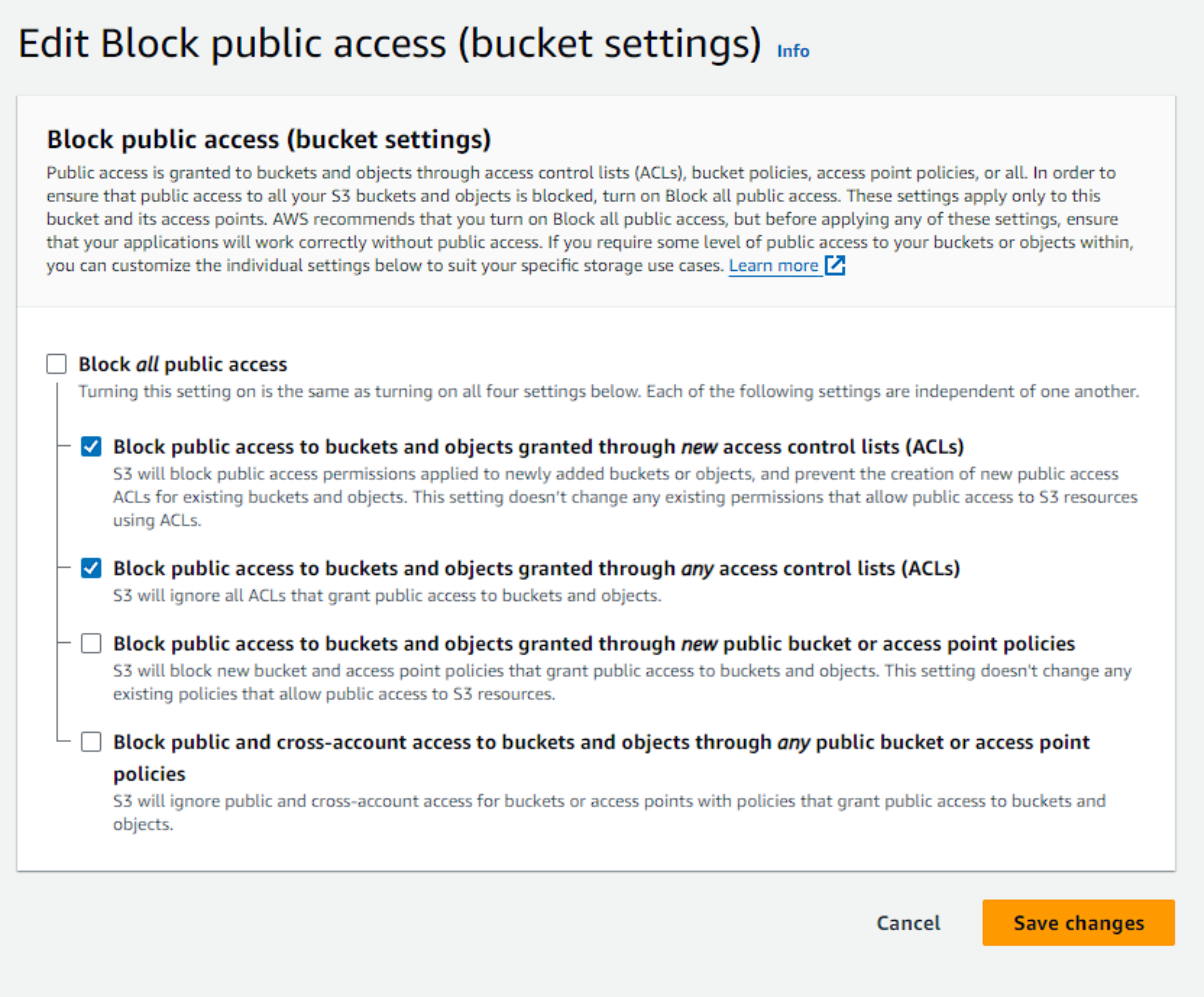
8. Now in this lab you are going to change those permission and create your own permission for the bucket.
9. For you to change those permissions, go back to your bucket.
10. There you will see this option for Permission. Click on it.

11. There you will have all set of permission which you want to change and use as you desire.



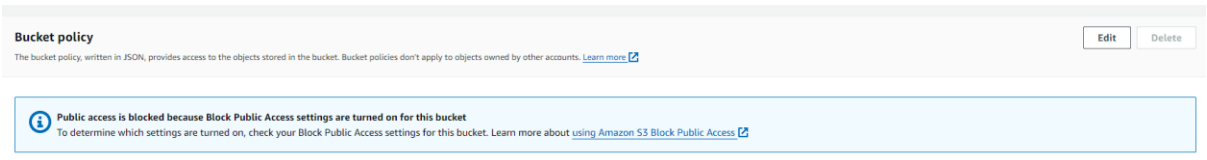
12. Now if you will see that the bucket does not have public access.
13. The public access has been blocked; it is because while you were creating the bucket you did not change any of the settings.
14. But now you are going to allow some access for the public.
15. For that click on Edit

16. Here you will see that you have to uncheck the third and forth option. These option will allow you to give some public access and also you can define your policy also.
17. Now click on save changes.



18. If you will see again, the option for public access is now turned on.

19. Now you have to provide it with a policy which will allow the public access.
20. Now to write a bucket policy, you have to click on edit.



21. Below is the bucket policy, remember to change the bucket name with your bucket name.

```
{
 "Version": "2012-10-17",
 "Statement": [
  {
```

```
      "Effect": "Allow",
      "Principal": "*",
      "Action": [
        "s3:GetObject"
      ],
      "Resource": "arn:aws:s3:::your-bucket-name/*"
    }
  ]
}
```

22. Now just click on save changes to save your bucket policy.
23. Once your bucket policy is saved go back to that URL and refresh it.
24. You will see that your file has been downloaded this time.
25. This happens because you have changed the bucket policy for your bucket.