



55°

Lab - AWS re/Start

[Desafío] Ejercicio sobre S3



Tarea 01



Interactuando con Amazon S3

Los objetivos son:

- Crear un bucket S3.
- Cargue un objeto en este bucket.
- Acceda al objeto utilizando un navegador web.
- Listar el contenido del bucket de S3 mediante la interfaz de línea de comandos de AWS (CLI de AWS).

Empezamos creando el bucket de S3

Amazon S3 > Buckets > Create bucket

Create bucket [Info](#)

Buckets are containers for data stored in S3.

General configuration

AWS Region

US West (Oregon) us-west-2

Bucket type [Info](#)

☒ **General purpose**

Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ **Directory - New**

Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name [Info](#)

mr-v-lab-buckets-chall

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - *optional*

Only the bucket settings in the following configuration are copied.

[Choose bucket](#)

Format: s3://bucket/prefix



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Subimos un objeto, en este caso un archivo .pdf

Files and folders						
Configuration						
Files and folders (1 Total, 51.8 KB)						
<input type="text" value="Find by name"/>						
< 1 >						
Name	Folder	Type	Size	Status	Error	
CV_MarvinA...	-	application/...	51.8 KB	✔ Succeeded	-	

Para darle el permiso solo a nuestro objeto de que sea público, y pueda ser accedido desde la web. Utilizaremos una *bucket policy*

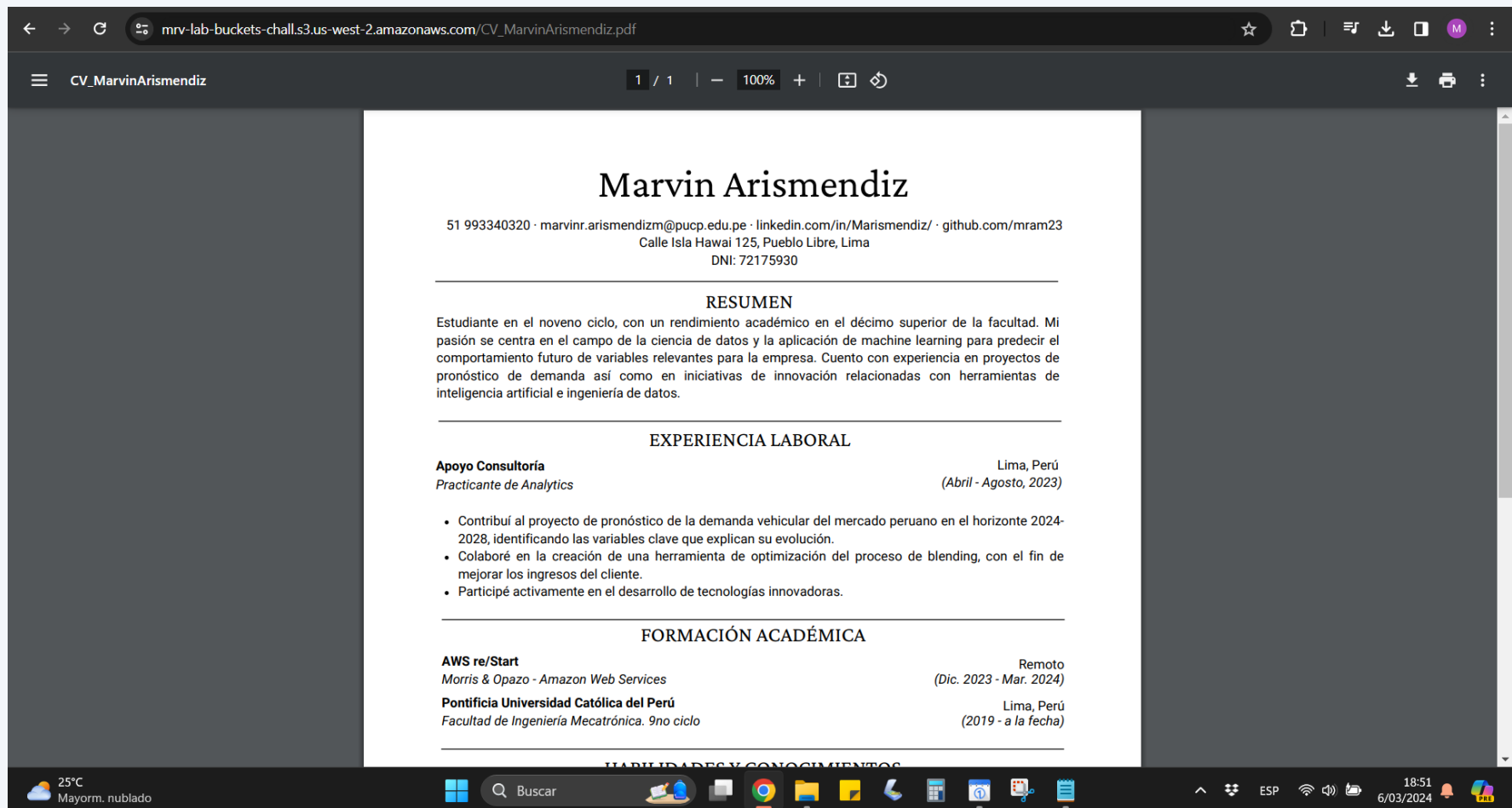
```
Policy

1  {
2    "Version": "2012-10-17",
3    "Statement": [
4      {
5        "Effect": "Deny",
6        "Principal": "*",
7        "Action": "s3:*",
8        "Resource": [
9          "arn:aws:s3:::mrsv-lab-buckets-chall",
10         "arn:aws:s3:::mrsv-lab-buckets-chall/*"
11       ],
12       "Condition": {
13         "Bool": {
14           "aws:SecureTransport": "false"
15         }
16       }
17     },
18     {
19       "Effect": "Allow",
20       "Principal": "*",
21       "Action": "s3:GetObject",
22       "Resource": "arn:aws:s3:::mrsv-lab-buckets-chall/CV_MarvinArismendiz.pdf",
23       "Condition": {
24         "IpAddress": {"aws:SourceIp": "0.0.0.0/0"}
25       }
26     }
27   ]
28 }
```

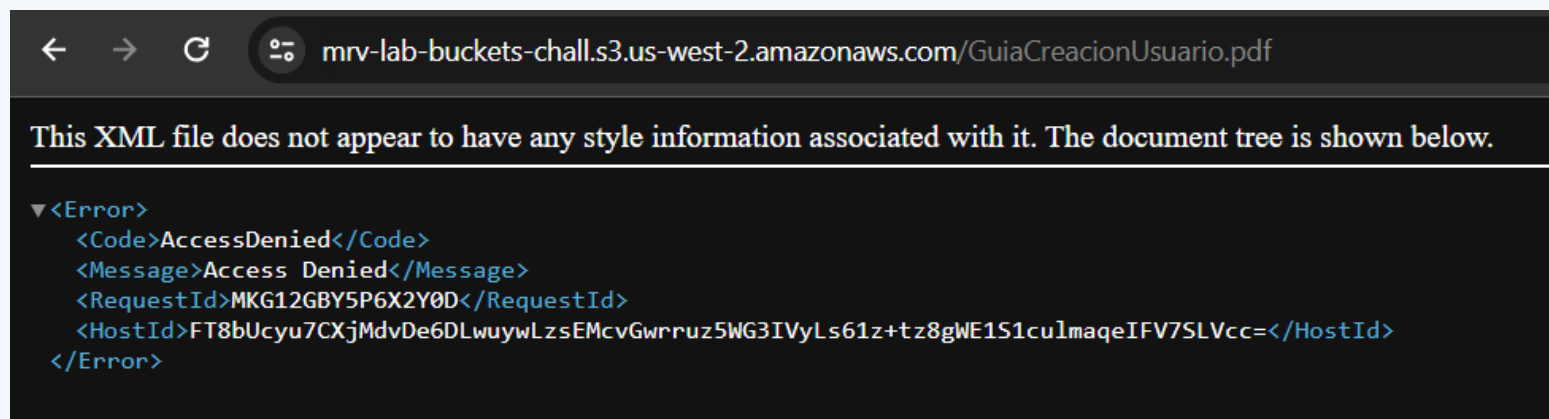
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Y podemos acceder al objeto:



Mientras que con el otro objeto almacenado, no da acceso



Listamos el contenido del bucket mediante la AWS CLI:

