

AWS S3 EX1

1. Connect to AWS S3, explain the steps you need to do to create a bucket called "fotos" and upload the content inside the "gatitos.zip" file.

```
aws s3 mb s3://fotosawss3ej1cms
```

```
C:\Users\chris>aws s3 mb s3://fotosawss3ej1cms  
make_bucket: fotosawss3ej1cms
```

And now I can use the following command located in the directory created when decompressing the file "gatitos.zip", where all the photos are.

```
aws s3 cp . s3://fotosawss3ej1cms --recursive
```

```
christian@christianms13:/mnt/c/Users/chris/Documents/DAW/sistemas_informaticos/tema3/aws_s3_ej1/gatitos$ aws s3 cp . s3://fotosawss3ej1cms --recursive  
upload: ./gatito5.jpg to s3://fotosawss3ej1cms/gatito5.jpg  
upload: ./gatito4.jpg to s3://fotosawss3ej1cms/gatito4.jpg  
upload: ./gatito1.jpg to s3://fotosawss3ej1cms/gatito1.jpg  
upload: ./gatito3.jpg to s3://fotosawss3ej1cms/gatito3.jpg  
upload: ./gatitolactante.png to s3://fotosawss3ej1cms/gatitolactante.png  
upload: ./adorablegatitomioau.webp to s3://fotosawss3ej1cms/adorablegatitomioau.webp  
upload: ./gatito.jpg to s3://fotosawss3ej1cms/gatito.jpg
```

2. Create a new bucket called "videos" that has version control, is public and that hosts the video "video.mp4".

```
aws s3 mb s3://videosawss3ej1cms
```

```
christian@christianms13:/mnt/c/Users/chris/Documents/DAW/sistemas_informaticos/tema3/aws_s3_ej1/gatitos$ aws s3 mb s3://videosawss3ej1cms  
make_bucket: videosawss3ej1cms
```

From the "video" directory...

```
aws s3 cp . s3://videosawss3ej1cms --recursive
```

```
christian@christianms13:/mnt/c/Users/chris/Documents/DAW/sistemas_informaticos/tema3/aws_s3_ej1/video$ aws s3 cp . s3://videosawss3ej1cms --recursive  
upload: ./video.mp4 to s3://videosawss3ej1cms/video.mp4
```

3. Using the web console, create another public bucket called "web-estatica".

```
aws s3 mb s3://web-estaticaaawss3ej1cms
```

```
christian@christianms13:~$ aws s3 mb s3://web-estaticaaawss3ej1cms  
make_bucket: web-estaticaaawss3ej1cms
```

This bucket must host an "index.html" file, which contains all the photos and videos located on the previous buckets.

First, I create a new index file. Its code:

```
<!DOCTYPE html>  
  
<html>  
  <head>  
    <title>GATETES</title>  
  
    <style>  
      html{  
        font-family: arial;  
        background-color: gray;  
      }  
  
      h1{  
        text-align: center;  
        font-weight: bold;  
        font-size: 40px;  
        text-decoration: underline;  
      }  
  
      h4{  
        text-align: center;  
        font-size: 19px;  
      }  
  
      img{  
        position: relative;  
        height: 18%;  
        width: 10%;  
        left: 45%;  
        border: 2px solid black;  
        transition: 1s ease all;  
      }  
  
      img:hover{  
        transition: 1s ease all;  
        border: 2px solid white;  
        scale: 1.1;  
      }  
  
      .video{  
        position: relative;  
        left: 48%;  
        text-align: center;  
        font-size: 30px;
```

```
        color: orange;
        text-decoration: none;
        font-weight: bold;
        transition: 1s ease all;
    }

    .video:hover{
        transition: 1s ease all;
        text-decoration: underline;
    }
</style>
</head>

<body>
    <h1>GATETES</h1>

    <hr>

    <h4>Admiral Purrscuit</h4>

    <a target="_blank"
href="https://fotosawss3ej1cms.s3.amazonaws.com/gatito.jpg"></a>

    <hr>

    <h4>Sir Reginald Fluffington III</h4>

    <hr>

    <h4>Count Fuzzball von Clawsworth</h4>

    <hr>

    <h4>Captain Meowvel</h4>

    <hr>

    <h4>Lord Meowmers</h4>

    <hr>

    <h4>Bartolo</h4>

    
```

```
<hr><hr><hr>

<a class="video" target="_blank"
href="https://videosawss3ej1cms.s3.amazonaws.com/video.mp4">VIDEO</a>
</body>
</html>
```

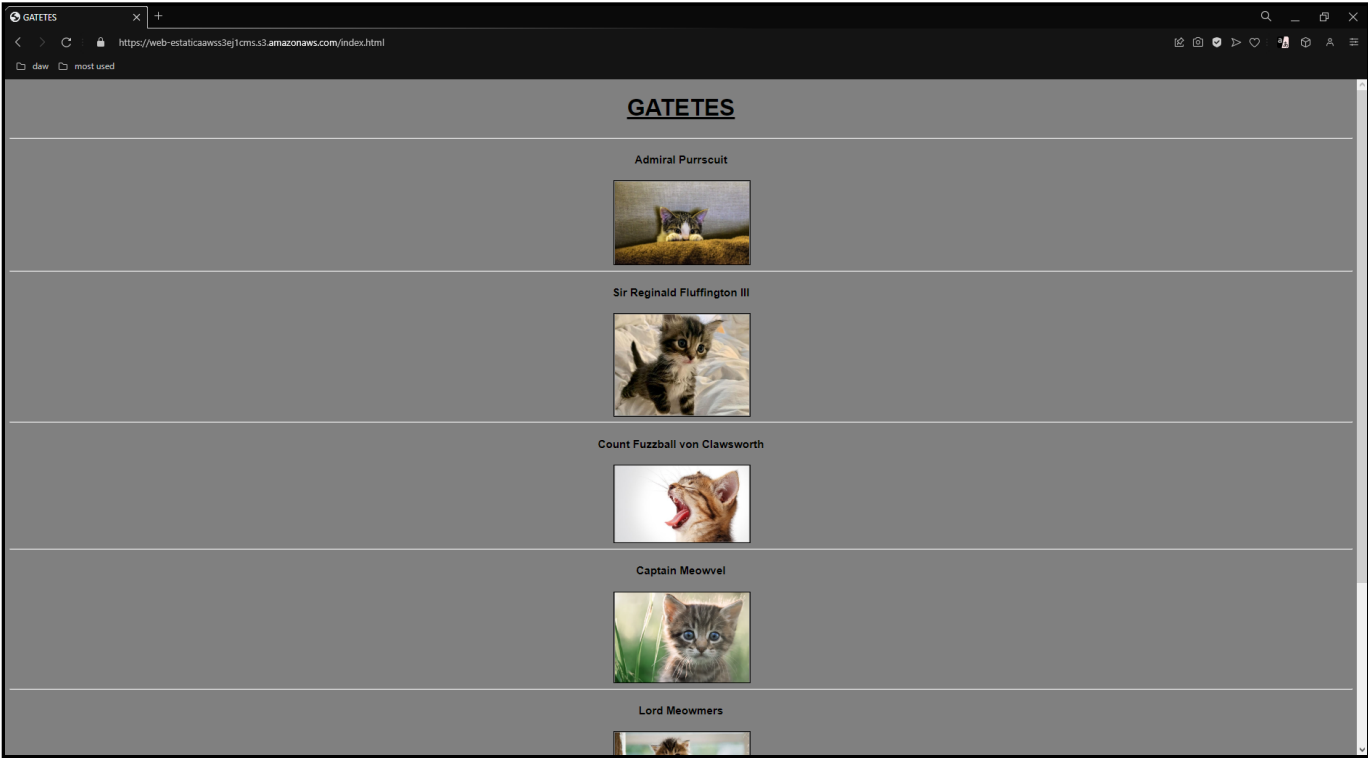
4. Configure the last bucket for it to be able to host static web pages.

Now I can provide the index file to the bucket:

```
aws s3 cp web/ s3://web-estaticaawss3ej1cms --recursive
```

```
christian@christianms13:/mnt/c/Users/chris/Documents/DAW/sistemas_informaticos/tema3/aws_s3_ej1$ aws s3 website s3://web-estaticaawss3ej1cms/ --index-document index.html
```

Finally, my bucket is available on the web.



5. Create a screenshot that demonstrates that you can check all your instances.

Buckets (4) <small>Info</small>					Copy ARN	Empty	Delete	Create bucket
Buckets are containers for data stored in S3. Learn more								
<input type="text" value="Find buckets by name"/>					<div>< 1 > ⚙</div>			
	Name	AWS Region	Access	Creation date				
<input type="radio"/>	bucket-prueba-cms-1daw	US East (N. Virginia) us-east-1	Objects can be public	February 13, 2023, 20:54:20 (UTC+01:00)				
<input type="radio"/>	fotosawss3ej1cms	US East (N. Virginia) us-east-1	Objects can be public	February 16, 2023, 16:20:38 (UTC+01:00)				
<input type="radio"/>	videosawss3ej1cms	US East (N. Virginia) us-east-1	Objects can be public	February 16, 2023, 16:37:32 (UTC+01:00)				
<input type="radio"/>	web-estaticaawss3ej1cms	US East (N. Virginia) us-east-1	Objects can be public	February 16, 2023, 18:10:43 (UTC+01:00)				