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: ./adorablegatitomiau.webp to s3://fotosawss3ej1cms/adorablegatitomiau.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-estaticaawss3ej1cms
```

```
christian@christianms13:~$ aws s3 mb s3://web-estaticaawss3ej1cms
make_bucket: web-estaticaawss3ej1cms
```

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

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

First thing I need to do is to make my bucket public.

```
aws s3api put-public-access-block --bucket web-estaticaawss3ej1cms --public-access-block-configuration "BlockPublicAcls=false,IgnorePublicAcls=false,BlockPublicPolicy=false,RestrictPublicBuckets=false"
```

```
christian@christianms13:~$ aws s3api put-public-access-block --bucket web-estaticaawss3ej1cms --public-access-block-configuration "BlockPublicAcls=false,IgnorePublicAcls=false,BlockPublicPolicy=false,RestrictPublicBuckets=false"
```

And now I can provide the index file to the bucket:

```
aws s3 website s3://your-bucket-name/ --index-document index.html
```

```
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.