

## Access

Accessing the object storage is only possible within our Zurich, Frankfurt, Warsaw cloud network. Therefore, a VM should be within those locations. The Earth observation data is publicly available within a container on our object storage. It can be downloaded locally through the HTTP protocol, using a special URL.

This is an example how the products can be reached:

```
http://os.zrh.cloudsigma.com:8080/v1/AUTH_22621c16c91147ec9a3881ce5df2aea4/  
S1-SAFE-ZIP/S1A_IW_SLC__1SDV_20150804T165617_20150804T165644_007116_009B29_  
2AA1.zip
```

The container name is **S1-SAFE-ZIP**. The name of the product/file is:

**S1A\_IW\_SLC\_\_1SDV\_20150804T165617\_20150804T165644\_007116\_009B29\_2AA1.zip**

The name of the product in our object storage is the same as the product names you can find in the [Copernicus Open Access Hub](#) (SciHub). You can look up the desired products and replace the name in the URL provided above.

You can use different tools to download and manage the files. One of the most common tools is `wget` and can be used like that:

```
wget  
http://os.zrh.cloudsigma.com:8080/v1/AUTH_22621c16c91147ec9a3881ce5df2aea4/  
S1-SAFE-ZIP/S1A_IW_SLC__1SDV_20150804T165617_20150804T165644_007116_009B29_  
2AA1.zip
```

This will result in the file being downloaded into the current working directory. From then on, the archive can be extracted and the image should be available.

Zip archives can be handled in Linux based operating systems using the `unzip` tool. Example usage:

```
unzip file.zip -d destination_folder
```

If the tool is not available, it can be installed using a package manager like so:

```
# On Debian based Linux OS  
sudo apt-get install unzip
```

```
# On Red Hat based Linux OS  
sudo yum install unzip
```