Configuring a Pre-signed URL

⚠️ **Service Status**

The Object Storage Unit (OSU) service is now **END OF SUPPORT AND MAINTENANCE** . For more information, see End-of-Life Policy.

- EN
- FR

You can configure a pre-signed URL that enables an object to be accessible through the Internet. Any user to whom you send the pre-signed URL can access the object for the time you specify.

🚫 Using a pre-signed URL, the user you send the URL to does not need any permission or authentication to download your object.

You can also manage your object storage resources using s3cmd commands. For more information, see s3cmd.

This feature is not available from Cockpit. This documentation only describes the procedure using AWS CLI.

- To configure a pre-signed URL, use the **presign** command following this syntax:

Request sample

```
$ aws s3 presign s3://BUCKET/OBJECT \
    --profile YOUR_PROFILE \
    --expires-in 3600 \
    --endpoint ENDPOINT
```

This command contains the following attributes that you need to specify:

- (optional) `profile`: The named profile you want to use, created when configuring AWS CLI. For more information, see Installing and Configuring AWS CLI.
- `s3://BUCKET/OBJECT`: The path to the object you want to share in its bucket.
- `expires-in`: The time left before the URL expires, in seconds.

  ℹ️ The maximum duration of a pre-signed URL is:

    - For OOS: 604800 seconds (or 1 week)
    - For OSU: 31536000 seconds (or 1 year)

- `endpoint`: The endpoint corresponding to the service (`oos` or `osu`) and Region you want to send the request to, in the following format: https://<SERVICE>.<REGION>.outscale.com

The **presign** command returns the following element:

- `URL`: The URL at which your object is available.

Result sample

```
https://<SERVICE>.<REGION>.outscale.com/<BUCKET>/<OBJECT_KEY>?
AWSAccessKeyId=A1BC2DE3FGHIJ4KLM567&Expires=1493372309&Signature=dDZ%
2FpIPPwfH2ITY82mZ4%2FpmZBrQ%3D
```

Related Page

- About Object Storage

Tutorial: Copying a Snapshot to a Different Region

Previous Step:

  Exporting a Snapshot to a Bucket

Next Step:

  1. Send the pre-signed URL to the owner of the other account.
  2. Importing a Snapshot from a Bucket

Tutorial: Copying an OMI Across Different Regions (API)

Previous Step:

  Uploading an Object to a Bucket

Next Step:

  1. Send the pre-signed URL of the manifest file to the other user
  2. Importing an OMI from a Bucket