

# Request S3 bucket

To request S3 bucket you have two options. Either you want to attach it to an existing project or you want to create a new project with S3 storage.


## Attach S3 bucket to an existing project

In that case send an email to [helpdesk@unil.ch](mailto:helpdesk@unil.ch) (with subject starting with "DCSR add S3 bucket to project") and providing the following information:

- project name
- size of the bucket in GB
- access allowed from outside UNIL (in read only mode only?) or not
- if access is allowed from outside UNIL, should it be limited to a set of IP or network ranges?



## Add S3 bucket to new project

When requesting a new project using the dedicated [web application](#), on the resource information selection screen, click on advanced selection as follows:



Research resource requests

[Home](#)
[Admin](#)

Emmanuel Jeanvoine

New request

Request information

Personal information

Project information

Resources information

Review

Bundle selection

Please select the bundles you need in the list below. You can use the advanced view by deploying the "Advanced selection" menu

STORAGE

Chose this option if you only need storage resources for research data. **NAS** for normal and personal data, **Tresorit** for sensitive data.

+

COMPUTE

Chose this option if you need compute capacity. This will automatically select the necessary capacity on scratch storage, as well as regular (2

+

COMPUTE Urblauna

Chose this option if you need compute capacity on **sensitive data**. This will automatically select the necessary capacity on scratch storage (both HDD and

+

VIRTUALISATION WORSTATION (VDI)

Request concerning a virtual machine of VDI type. Default storage size: 40 GB.

+

VIRTUALISATION SERVER (VM)

Request concerning a virtual machine of server type. Default storage size: Linux server: 95 GB, Windows server: 80 GB.

+

Advanced selection

Then choose "Object Storage, NO BACKUP" article :

Advanced selection

Please select the articles you need in the list below :

Workstation (VDI)

Virtual machine of VDI type. Default storage size: 40 GB.

+

Virtual server (VM)

Virtual machine of server type. Default storage size: Linux server: 95 GB, Windows server: 80 GB.

+

Object Storage, NO BACKUP

Storage on redundant infrastructure but with no duplication. Should be used only for non primary data (e.g. original data can be recovered elsewhere)

✓

File storage, NO BACKUP

Storage on redundant infrastructure but with no duplication. Should be used only for non primary data (e.g. original data can be recovered elsewhere)

+

File storage + 1 backup copy

Storage on redundant infrastructure with second copy stored on a separate architecture. **NAS** for normal and personal data, **Tresorit** for

+

HPC Cluster

Compute time on HPC cluster

+

Storage on /work (new cluster)

The /work storage. Only meaningful if HPC is also requested.

+

HPC Cluster sensitive data (Urblauna)

Compute time on the Urblauna sensitive data cluster

+

Data directory on Urblauna (no backup)

HDD data storage. Only meaningful if HPC Urblauna is also requested

+

SENSA VM

Virtual machine of server type (VM) on the SENSA (Secure sENSitive data processing pIatform) infrastructure.

+

SENSA storage

Weka storage on the SENSA (Secure sENSitive data processing pIatform) infrastructure.

+

Additional external paid accounts for Tresorit

Tresorit is a storage solution for sensitive data. Tresorit accounts for UNIL members, as well as three accounts for people external to UNIL (by PI), are free.

+

Finally, specify your requirements:

## Resources information\*

Please fill the required data for each article below :

### Object Storage, NO BACKUP

Object Storage quota in GB\*



500



S3 Data Access from outside  
of UNIL\*

☒ Yes ☐ No

Read-Only Access from  
outside of UNIL campus\*

☐ Yes ☒ No

External Access IP based  
Limitation\*

{ allow all; }



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