

How to access the clusters

The DCSR maintains a general purpose cluster (Curnagl) which is described [here](#). Researchers needing to process sensitive data must use the air gapped cluster [Urblauna](#) which has replaced [Jura](#).

There are several requirements to be able to connect to the clusters:

1. Have a UNIL account
2. To be part of a PI project
3. To be on the UNIL or CHUV network (either physically or using the [UNIL VPN](#) if you work remotely)
4. To have a SSH client

Step 0: Have a UNIL account

This applies to members of the CHUV community as well as for external collaborators

See [the documentation](#) for how to get a UNIL account

CHUV users should also consult <https://www.unil.ch/ci/ui/ext-hosp> for more information.

Step 1: Be part of a PI project

To access the clusters, your PI will first need to request resources via:

<https://conference.unil.ch/research-resource-requests/>. Then the PI must add you as a member of one of his project. Within 24 hours your access should be granted.

Step 2: Activate the UNIL VPN

Unless you are physically within the UNIL network you need to activate the UNIL VPN (Crypto).

Documentation to install and run it can be found [here](#).

Step 3: Open a SSH client

On Linux and Mac environments, a SSH client should be available by default. You simply need to open a terminal.

Windows users can either use PowerShell if they are on Windows 10, or install a third party client such as [PuTTY](#) or [MobaXterm](#).

Step 4: Log into the cluster

Curnagl

```
ssh -X <username>@curnagl.dcsr.unil.ch
```

where `<username>` is your UNIL username name. You will have to enter your UNIL password.

Note: we strongly recommend you to establish SSH keys to connect to the clusters and to protect your SSH keys with a passphrase.

More details are available regarding the different clients in [this documentation](#).

Urblauna

See the [Urblauna documentation](#)

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