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# **GitLab User Documentation**

Welcome on UNIGE's GitLab documentation. You will find here all the information you need to use

### Access

gitlab.unige.ch is open to the whole Swiss educational audience via SWITCHaai (UNIGE members should use their ISIs credentials) and to any non-academic entity via SWITCH edu-ID (free registration required). For this reason, password authentication have been deactivated.

#### SSH

Git clone/push/pull are available:

- via SSH (see https://gitlab.unige.ch/help/ssh/README.md) after either the user has added a key in the GitLab profile settings or one of the project administrators has set up a **Deploy Key** in the GitLab project interface
- via HTTPS after the user has generated a **Personal Access Token** in the GitLab profile settings (see https://gitlab.unige.ch/help/user/profile/personal\_access\_tokens.md) or one of the project administrators has set up a **Deploy Token** in the GitLab project interface (see https://gitlab.unige.ch/help/user/project/deploy\_tokens/index.md)

## **Permissions**

Access to each resource is directly managed **per (sub)group or project** via the web interface (see https://gitlab.unige.ch/help/user/permissions).

To easy access management, you should think in a hierarchical terms from the very beginning:

- 1. create a *top-level* group with the least possible members (basically, only the administrators)
- 2. inside this group, create *sub-groups* or *projects* with specific permissions

Independently of the authentication source (SWITCHaai or SWITCH edu-ID), those users without a UNIGE mail address will automatically get an **external** account (see https://gitlab.unige.ch/help/user/permissions#external-users-permissions), which means that:



- 1. they can not create groups or projects
- 2. read access to private or internal projects must be explicitly granted
- 3. read access to public projects is permitted
- 4. write access to any project must be explicitly granted

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## **Resources**

By default, the following settings apply to any *internal* users:

1. maximum number of projects: 20

2. maximum size of a single project: 100MB

3. maximum size of an attachment: 10MB

4. maximum size of a single git push: 1MB

Please contact the GitLab UNIGE administrators (see <a href="https://catalogue-si.unige.ch/gitlab">https://catalogue-si.unige.ch/gitlab</a> ) if you need more resources.

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