

VSC login info



1. Start your local X (if available)!

2. Login to vsc5

```
ssh -tX trainee99@vmos.vsc.ac.at vsc5
```

You'll be asked for your password twice (on vmos and on vsc5):

The password will be provided in Zoom.

2.a. PuTTY settings:

HostName : `vmos.vsc.ac.at`

Port : `22`

Connection type : `SSH`

Left menu --> SSH --> Remote command: `vsc5`

Open --> in terminal - login as : `trainee99`

Note, when you type the password (see above) it will be invisible.

3. When you are logged in to vsc5, figure out your node, ID (working directory), and GPU:

```
grep -i yourname PARTICIPANTS_GPU
```

e.g. for claudia: `grep -i claudia PARTICIPANTS_GPU`

```
Claudia Blaas ssh -X n571-005 cd ~/03 export CUDA_VISIBLE_DEVICES=0
```

4.a. ssh command to access your node --> `ssh -X n...`

4.b. cd command to your own directory --> `cd ~/..`

4.c. switch to use your own GPU --> `export CUDA_VISIBLE...`

4.d. spack-load & setup cuda@11.2.2 --> `source ~/cuda_setup.sh`

5. Please provide a feedback (at the end of the course): <https://events.prace-ri.eu/event/1426/surveys/1024>

It's a shared user!

Please take care!

there are 25 nodes

**each with 2 GPUs
(A100)**

**2 participants
share 1 node**

each participant

gets 1 (own) GPU