

# How to apply for an UPPMAX account

## Course '*Parallel and Distributed Programming*'

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Please, follow the instructions at <https://www.uppmx.uu.se/support/getting-started/> and complete the following steps as soon as possible! Below you find more details about each step. Read those before starting as there are a couple of items where you might be delayed up to two weeks in accessing the parallel cluster Snowy:

1. Create an account in SUPR.
2. Apply for membership in the course project.
3. Accept the SNIC User Agreement in SUPR.
4. Apply for an UPPMAX account in SUPR.
5. Wait for an email from UPPMAX with your UPPMAX account details.
6. Log in with your new UPPMAX account.
7. Create a new file with your user name in the designated folder. This way we will know who has completed these steps.

Opening and testing your UPPMAX account will enable you to access the parallel computer resource in due time.

Detailed information:

1. Create an account in SUPR.
  - If you already have a SUPR account, please continue to step 2.
  - Go to <https://supr.snic.se/> and click "Register New Person" at the bottom of the first page. Complete the registration process, preferably using SWAMID, and login. If you for some reason can't use SWAMID to login, you will have to send physical (not electronic) copy of your ID to a place in Gothenburg for manual approval. Do this as soon as possible, as this process can take more than 2 weeks.
2. Apply for membership in the course project
  - Log in using your SUPR account.
  - Under the "Projects" heading, press the "View and Manage Projects" button.
  - Search for the project ID: uppmx2023-2-13
  - Press the "Request" button to apply for membership in the project.
3. Accept the SNIC User Agreement.
  - In SUPR, click on the link "Personal Information" in the left sidebar. You will have to accept the SNIC User Agreement to be able to get an UPPMAX account.

#### 4. Apply for an UPPMAX account

- In SUPR, click on the link "Accounts" in the left sidebar and apply for an UPPMAX account under the heading "Account Requests".
- Wait for an email from UPPMAX with your UPPMAX account details.
- Within about 2 working days you should get an email with instructions. Please, follow these instructions carefully.
- A while later you will get an email with your user name, and another email with a link to your password. NOTE: the link is only valid for 1 VISIT or 7 days, so if you click the link you better save the password, because you will not be able to use the link again. Do this before 7 days have passed, otherwise the link will no longer be valid.

#### 5. Log in with your new UPPMAX account

- Open your terminal program (Terminal in OSX and Linux, otherwise download MobaX-term (portable edition) if you have Windows).
- Type this command in your terminal program:  

```
ssh your_uppmx_user_name@rackham.uppmx.uu.se
```

  
(obviously replace `your_uppmx_user_name` with your uppmx user name)
- You will be asked for your password now, and you will not see any response in the terminal while typing your password. This is to hide the length of your password, i.e. normal. Just press enter when you have typed it in and you should log in.
- The first time you log in you need to change your temporary password. To do this, run the command "passwd" in terminal. It will ask you for a password: type the current temporary password. After that, it will ask you for your new password, so make up a new one and press enter. After that it will ask you to confirm the new password. When the password change is completed you might be disconnected and you might have to connect again, using your new password to log in this time.

#### 6. Create a new file with your user name in the designated folder.

- After having received information that your membership is approved, wait 24 h before continuing, as it takes 24 h for SUPR to sync with UPPMAX. Else, you will get the message "permission denied" if you try to create the file before this sync has been performed.
- Log in to UPPMAX as in step 5
- Type the command:  

```
touch /proj/uppmx2023-2-13/completed/your_uppmx_user_name
```

  
and of course replace `your_uppmx_user_name` with your uppmx user name.
- Unless you got some kind of error message you should now be finished. To make sure the file was created you can type  

```
ls /proj/uppmx2023-2-13/completed/your_uppmx_user_name
```

  
(you guessed it, replace it with your user name)

- It should write out the name of the file if the file exists. If you get an error message, please contact the course leader.

The detailed instructions how to use Snowy are found at <https://www.uppmax.uu.se/support/user-guides/snowy-user-guide/>