

MASSIVE Onboarding – UOW CryoEM

Updated 24/04/2019

Summary:

New project allocation and new to MASSIVE:

1. Contact James & Simon for the intention to request a project allocation.
2. Once approved by UOW delegates, request a project via the Google Form (below).
3. Once the project is approved by the MASSIVE admin, users will be sent instructions to get a MASSIVE account.
4. Use institution login (via AAF*) to create a new account at <https://hpc.erc.monash.edu.au/karaage/>
5. MASSIVE admin will contact users when the account is created and ready.

New to MASSIVE and want to join existing project:

1. Use institution login (via AAF*) to create a new account at <https://hpc.erc.monash.edu.au/karaage/>
2. You will be asked to select a username for your cluster access.
3. Select to join existing project.
4. Project leader will be sent links to approve/reject project membership.
5. MASSIVE admin will contact users upon the account is created and ready.

Existing MASSIVE user and want to join existing project:

1. Login to <https://hpc.erc.monash.edu.au/karaage/>, select join existing project.
2. MASSIVE admin will contact users when the account is created and ready.

Detailed Instructions:

1. Contact James Bouwer (jbouwer@uow.edu.au) with a copy to Simon Brown (simonb@uow.edu.au) to request a MASSIVE account. We will make the initial arrangements with MASSIVE for your onboarding. Please wait for a reply confirming that your account has been approved by UOW to move to step 2.
2. Google Form : Create a project or obtain project code to join: Each lab group has a project leader, usually the group CI. For a new project fill out the google form below, otherwise obtain the 4-digit code of an existing project to join.

https://docs.google.com/forms/d/e/1FAIpQLSefDLmIesBaZ_90efzKQytg-2V5mBbSMfM0uW8MiCrgw3QMjg/viewform

Project Duration and Software Requirements = uow-cryoEM

Please include James Bouwer (jbouwer@uow.edu.au) and Simon Brown (simonb@uow.edu.au) as project members. This will enable us to assist with processing.

3. Once you have a project (you will get an email from MASSIVE), create an account on MASSIVE by following the instructions linked below, specifically under Creating an Account - With an Australian Access Federation (AAF).

<http://docs.massive.org.au/M3/requesting-an-account.html>

*When you log in to the account and project management system you will be prompted to use an institutional login (AAF credentials). If you find that your institution is not listed please contact Simon or James to have an AAF credential created. This credential will be used to access all web-based services from MASSIVE.

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To get started: (after you have received confirmation from MASSIVE admin)

If you haven't, you need to reset your cluster password in order to login.

Please use <https://hpc.erc.monash.edu.au/karaage>, and select change password.

1. To use SSH to access cluster, use the Login node:

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ssh yourusername@m3.massive.org.au
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2. For data transfer with the cluster, you may use the data transfer node:

```
m3-dtn.massive.org.au
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 using scp, rsync over ssh etc.

3. To use the MASSIVE desktop:

Please see 'Desktops at Massive' protocol document

4. For file structure information and data management:

Please see 'Data Management' protocol document