

mFirstly, img-microgpu1 and img-microgpu2 have retired, too old and obsolete (I'm looking to move the K40 gpu that was in microgpu2 into another server for small tasks).

Then, the authentication on the servers has changed, until now we had an LDAP register hosted in the CBI, this is not the case anymore. You can now authenticate yourself on the servers directly using your IGBMC credentials, so the username should be the same, and if you had the same password, it will then be transparent for you.

Here is the updated name list:

- cbi-compute-01
- cbi-gpu-03
- cbi-gpu-04

Useful commands

- check the slurm queue: *squeue*
 - check the GPU usage : *nvidia-smi*
 - check the software available: *module avail*
-

Server specifications

cbi-compute-01

- CPU: Intel(R) Xeon(R) CPU E7-4880 v2 @ 2.50GHz
- Mem: 1 TB

cbi-gpu-03

- CPU: Intel(R) Xeon(R) CPU E5-2620 v4 @ 2.10GHz *2
- Mem: 128 GB
- GPU: GK210GL [Tesla K80] 12 GB *4

cbi-gpu-04

- CPU: Intel(R) Xeon(R) CPU E5-2620 v4 @ 2.10GHz *2
 - Mem: 128 GB
 - GPU: GK210GL [Tesla K80] 12 GB *2
 - GPU: GP100GL [Tesla P100 PCIe 16GB]
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Available softwares

as of 2023-05-11

cbi-compute-01

cbi-gpu-03

- */usr/local/modules/modulefiles*

```
chimera/1.11.2 cryolo/1.7 dynamo/1.1.291 eman2/2.2 eman2/2.3 eman2/2.9
eman2/2.12
imod/4.8.14 imod/4.9.5 imod/4.9.12 motioncor2/1.4 relion/3.1.2-gpu
topaz/0.2.4
```

- */opt/CBI/modulefiles*

```
relion/2.0.3-gpu relion/2.1-gpu
```

- */mnt/storage/software/modulefiles*

```
4.0.0-stable cistem/1.0 dynamo/1.1.514
motioncor2/1.5.0 relion/4.0.0
aitom/2022-03-10 cistem/2021-05-03 eman2/2.9
motioncor2/1.6.3 resmap/1.95
autoproc/2021-04-20 cryodrgn/0.3.4 imod/4.11.5
phenix/1.19.2 rosetta/3.13
buster/2021-04-20 cryolo-cpu/1.7 imod/4.11.8 pyem/0.5
scipion/3.0.0
ccp4/7.1 cryolo-gpu/1.7 imosflm/7.4.0
pymol/2.5.0 topaz/0.2.5
ccpem/1.5.0 cryolo-gpu/1.8 microed_tools/0.1.0
pyrosetta/291 xds/2021-02-05
chimera/1.15 ctffind/4.1.14 modeller/10.2
relion/3.1.2
chimeraX/1.2 deep-finder/2021-04-15 motioncor2/1.4.2
relion/3.1.3(default)
```

cbi-gpu-04

- */mnt/storage/software/modulefiles*

```
4.0.0-stable cistem/1.0 dynamo/1.1.514
motioncor2/1.5.0 relion/4.0.0
aitom/2022-03-10 cistem/2021-05-03 eman2/2.9
motioncor2/1.6.3 resmap/1.95
autoproc/2021-04-20 cryodrgn/0.3.4 imod/4.11.5
phenix/1.19.2 rosetta/3.13
buster/2021-04-20 cryolo-cpu/1.7 imod/4.11.8
pyem/0.5 scipion/3.0.0
ccp4/7.1 cryolo-gpu/1.7 imosflm/7.4.0
pymol/2.5.0 topaz/0.2.5
ccpem/1.5.0 cryolo-gpu/1.8 microed_tools/0.1.0
pyrosetta/291 xds/2021-02-05
chimera/1.15 ctffind/4.1.14 modeller/10.2
relion/3.1.2
chimeraX/1.2 deep-finder/2021-04-15 motioncor2/1.4.2
relion/3.1.3(default)
```

From:

<https://bsi.inscog.eu/> - **BSI wiki**

Permanent link:

https://bsi.inscog.eu/doku.php?id=calculation_servers&rev=1683793605

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