

From [SPACS Support <support@spacs.gmu.edu>](mailto:support@spacs.gmu.edu)

Sent Sunday, January 27, 2013 5:01 pm

To [jzhang7@gmu.edu](mailto:jzhang7@gmu.edu)

Cc

Bcc

Subject [#458845] Create CDS accounts & card swipe access

When an account is created, an intro email is sent to the user containing information about logging in and about the software contained on the machines. I have appended the text of that intro email below:

Dear \$FirstName,

Your account in the CDS computer lab has been created.

Your username is \$Username

Your temporary password is \$password

Please read the information regarding the Lab and login instructions at the end of this e-mail.

Thanks,

Andrew Abdalian  
IT Manager  
School of Physics, Astronomy and Computational Sciences  
George Mason University  
703.993.8952

=====  
CDS LAB INFORMATION  
=====

Your account in the CDS Computer Lab is activated now.  
The laboratory is located in room 249 Research I.  
We have 4 workstations in the lab right now and 2 available for remote access.  
Eventually we will have 10 available (4 in-lab, 6 remote).  
The workstations in the lab are named as cds01.cos.gmu.edu,...,cds04.cos.gmu.edu  
The remote workstations are named cds05.cos.gmu.edu and cds09.cos.gmu.edu

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How to login:  
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These computers are behind the university firewall, and the are not reachable from outside certain university networks. However, you can log in to them using mason.gmu.edu as gateway.

NOTE: The default password for mason.gmu.edu will be the same as your GMU webmail password. If that password doesn't work, please contact ITU support at support@gmu.edu or 703-993-8870 and tell them your mason.gmu.edu ssh password isn't working. They should be able to work with you to reset it.

First login to mason.gmu.edu. Enter

ssh -X username@mason.gmu.edu

if you're using a Terminal client or

Host Name: mason.gmu.edu

if you're using SSH Secure Shell for Windows, and enter your mason.gmu.edu password (probably your webmail password) at the prompt.

Once in mason.gmu.edu type in your console:

ssh -X username@cds##.cos.gmu.edu (replace ## with 01,...,05)

And enter the password at the top of this email at the prompt.

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Software information:  
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- 1) Intel Fortran compiler version 11.1.046
- Intel c/c++ compiler version 11.1.046
- Intel debugger version 11.1.046
- MKL libraries 11.1.046

2) Modules: the Modules package provides for the dynamic modification of the user's environment via "modulefiles".

Some commands:

module avail (shows all the modules available in the system)  
module list (shows all the modules that are loaded)  
module load module file (loads the module)  
module unload module file (unloads the module)

For example: if you want to use the Intel compiler version 8.1 you should type the following commands:

```
module unload intel_icc_11.1.046 intel_idb_11.1.046 intel_ifort_11.1.041
module load intel_icc_11.0.081 intel_idb_11.0.081 intel_ifort_11.0.081
```

Please use the manpage or type "module --help" for more information in module.

3) Matlab 7.8.0.347 (R2009a) 64-bit (licensed)  
There are licenses for classroom and research.  
By default matlab starts with the research license.  
If you want to start with the teaching license type

```
matlab -t
```

4) Maple 11 (licensed)

5) Mathematica 7 (licensed)

6) IDLE 2.6 / ENVI 4.5 (licensed)

7) Abacus 6.8 (licensed)

To run abacus with gui type:

```
abacus <option> -mesa
```

8) Gaussian 2003 (licensed)

9) Paraview 2.4 (free)

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Storage information:

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You have a home directory with 30 GB quota:

```
/Users/username
```

Your home resides in a server at room 369. We have 13 TB of space in the server.

Each workstation has a local scratch partition. Every user has a directory with his/her username created in that partition

```
/scratch/username
```

I highly recommend to run you applications and dump your data in the scratch and after you complete your run move the data to your home (first copy and then remove).

The scratch is a temporary storage and you have to move or remove your files from scratch periodically to your storage place. Please remember that there is not backup of any kind for the scratch partition.  
It is your responsibility to back up your important files.

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You will continue receiving information regarding the CDS Computer Lab from the mail list CDS-COMPUTER-LAB-L

I apologize for the lengthy e-mail.

Please do not hesitate in contact me for help.

Thanks,

Andrew Abdalian  
IT Manager  
School of Physics, Astronomy and Computational Sciences  
George Mason University  
703.993.8952

Please reply to this email if you have questions about this message.

<http://support.spacs.gmu.edu/view.php?t=458845&e=jzhang7@gmu.edu&a=df3b9ecef7c9dfb9e63c8801c1b95b1c>