

MCS Linux Lab

(Fall 2008)

Current version of Linux: Red Hat Enterprise Linux Version 5

Password:

Your password: Must be changed every 5 months, be at least 8 characters long, and have 3 of the following: lowercase letter, uppercase letter, number, or all other characters.

To Change your password: Open a *terminal* window, and enter `kpasswd`
(You will be prompted to enter your old password before changing it.)

Forgotten password: Contact the *Linux System Administrator* in *Harder 208B*

Accessing Dastator/Datator2:

Datator and Dastator2 are the “Windows” networked file servers, maintained by the Skidmore IT Department. On Datator, students can access MCS1, which is the Math & Computer Sciences network space, and on Dastator2, students can access their own private file space.

To access Dastator: In the “*MCS Applications*” folder, on your desktop, double click the “*Access DATASTOR*” icon. You will be prompted to enter your “Windows” password; this is also your email password. Now locate the MCS1 folder.

To access Dastator2: In the “*MCS Applications*” folder, on your desktop, double click the “*Access Dastator2*” icon. You will be prompted to enter your “Windows” password; this is also your email password. Now locate your private directory, it is the same as your email userid.

Shared Disk Space:

Shared disk space has been created for student use.

In this area: A directory with your userid as been created for your use. Here you can: install software, store large files, or share files with others. *This area is not backed up.*

Where is the shared area?

“*Student Shared Area*” icon, in the “*MCS Applications*” folder, on the Desktop OR `/students/shared`

Disk Space Quotas:

Your disk quota for your home directory is 750MB. If you have a need for more disk space, contact the Linux System Administrator, (See *Reporting Problems* below.).

- Please don't install software in your home directory, (See *Shared Disk Space* above.).
- Please remember to empty your *Trash*.

Reporting Problems:

Contact the *Linux System Administrator* either with an email to `lscherme@skidmore.edu` or stop by *Harder 208B*.

SSH (secure shell) into the MCS Linux Cluster:

SSH is a method of gaining access to a remote machine, using ssh requires knowledge of the command line.

In the MCS Linux Lab, you can ssh to any of the Linux machines, (cslab01 to cslab21), by opening a terminal window. At the command prompt enter: `ssh <machine name>`. For example, to ssh to cslab05 enter: `ssh cslab05`

From outside the MCS Linux lab, you will need to ssh into our remote login server, `cslab.cs.skidmore.edu`. You will need to use an ssh client which uses ssh protocol 2, (putty is a good option). Note: If you are trying to access the `cslab.cs.skidmore.edu` from your dorm you will need to use the IP number: 141.222.36.200, (The IT Department is working on this issue.).

Once you have successfully logged in to the MCS Linux Cluster, you will have access to your home directory, `/students/home/<userid>` and the `/students/shared` area.

The cvs server:

The cvs service has been moved to a new server. In eclipse, you will need to define a new repository with the following:

```
host: cslab
path: /cvs/cvsroot
```

All the directories and files should be the same.