

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 Datastor/Datastor2:

Datastor and Datastor2 are the “Windows” networked file servers, maintained by the Skidmore IT Department. On Datastor, students can access MCS1, which is the Math & Computer Sciences network space, and on Datastor2, students can access their own private file space.

To access Datastor: 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 Datastor2: In the “*MCS Applications*” folder, on your desktop, double click the “*Access Datastor2*” 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.