**Linux accounts and setup in CSCI 232**

**All user names, passwords, UNIX commands, and file names are case sensitive, that is, *capitalization matters.* And remember to hit return after you type a line…**

**Website:** **http://www.geography.hunter.cuny.edu/tbw/CS.Linux.Lab.FAQ/department\_of\_computer\_science.faq.htm**

***Getting a UNIX account***

1. If you had one last semester, your user name and password remain the same.
2. If you did not have one but were registered about a week ago, you received email *at your Hunter address* with your user name, *but you must change your password immediately.*
3. If you do not have a UNIX account, you must **apply for one *now***.

Please send your request using your **hunter email address** to send an email to [cstechsp@hunter.cuny.edu](mailto:cstechsp@hunter.cuny.edu) or let me know

***Using a new UNIX account for the first time***

Your UNIX account is on a remote machine named **eniac.cs.hunter.cuny.edu**, or any working machine in 1000 lab rooms. On a new account, you have to change your password. *For security reasons, UNIX passwords never appear on the screen when you type them.* On a computer in the lab:

• **Sign in** with your user name and then, when asked, with your password.

• S**elect Terminal** application.

• A Terminal window will appear with a $ (the *prompt*). Type **passwd** and then hit return.

• Choose a new password you can remember. Use at least 8 numbers and letters and mixed case, for example,

MyLove4You. *Be sure to write it down in a safe place.* Here’s an example for user charlie:

$ passwd

Changing password for user charlie. Changing password for charlie

(current) UNIX password: *here, charlie typed his* ***original password*** hunter1 *and hit return*

New UNIX password: *here, charlie typed his* ***new password*** Giants7Jets0 *and hit return*

Retype new UNIX password: *here, charlie typed* Giants7Jets0 *again and hit return*

passwd: all authentication tokens updated successfully.

A password that is too simple, in the dictionary, too short or too much like an old one will be rejected. For example:

New UNIX password: *here, charlie typed his* ***new password*** cold *and hit return. Bad choice.*

BAD PASSWORD: it is WAY too short

passwd: Authentication token manipulation error

$ *now charlie has to try again by typing* passwd

***Using eniac remotely***

If you prefer to work from somewhere other than the lab, you need SSH client software that permits you to work remotely.

• If you are on a Mac using OS X, open Applications, then Utilities, then Terminal to get a Terminal window.

• If you use a Windows operating system, download and install PuTTY, and use that to get a Terminal window.

• If you use a LINUX operating system, open a Terminal window. (The lab machines use LINUX.)

To the prompt in the Terminal, type ssh [user\_name@eniac.cs.hunter.cuny.edu](mailto:user_name@eniac.cs.hunter.cuny.edu%20) with your user\_name. Here’s an example for charlie:

~ [$ssh charlie@eniac.cs.hunter.cuny.edu](mailto:charlie@eniac.geo.hunter.cuny.edu)

*…there may be other messages here…*

charlie@eniac.geo.hunter.cuny.edu's password: *here, charlie typed his new eniac password*

Last login: Thu Jan 28 13:36:16 2010 from pool-96-246-75-32.nycmny.east.verizon.net

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After you log in eniac machine, you can from eniac to login any working machine in the lab remotely, which is named as cslabxx. xx is a number. You can find the tag of machine name in the front of main board.

Supposed that you want to log in the machine named as cslab10, in the Terminal that is connected to eniac, type ssh [user\_name@cslab10.cs.hunter.cuny.edu](mailto:user_name@cslab10.cs.hunter.cuny.edu%20) with your user\_name. Here’s an example for charlie:

~ [$ssh charlie@cslab10.cs.hunter.cuny.edu](mailto:%20$ssh%20charlie@cslab10.cs.hunter.cuny.edu)

**• If you have trouble with your eniac account, send mail using your hunter email address to** [cstechsp@hunter.cuny.edu](mailto:cstechsp@hunter.cuny.edu) with the following information:

1. Your username
2. Your hunter email address
3. The error message you get when you login

ssh [Tanubrata.Dey61@eniac.cs.hunter.cuny.edu](mailto:Tanubrata.Dey61@eniac.cs.hunter.cuny.edu)

Souronil@#12

[Tanubrata.Dey61@cslab10.cs.hunter.cuny.edu](mailto:Tanubrata.Dey61@cslab10.cs.hunter.cuny.edu)

Tanubrata\_Dey61/Souronil12@$ORA