

# SEASNET COMPUTING FACILITY



## ACCOUNT INFO

EXPIRATION DATE:    /    /

- Follow the *Account Activation* section below to enable your SEASnet account.
- Your email address is <username>@seas.ucla.edu Failure to either check or forward email sent to this account will result in your account being disabled.

<b>Username:</b>		<b>Cluster:</b>	<input type="radio"/> grad <input type="radio"/> staff
<b>Password:</b>			<input type="radio"/> fac

Account Activation

- 1) Go to any one of the SEASnet labs and logon to the SEASLAB domain using your username and password listed above.
- 2) Now, login to UNIX using the same username and password.

If you are a graduate student, staff, or faculty, double click this icon to to start a UNIX SSH session.

- 3) Read the *User Agreement* carefully, pressing the ENTER key to see the next page. At the end you will see a question. If you agree to abide by the *User Agreement* then hit y to activate your account. You will be asked to change your password.
- 4) As always, press CTRL+ALT+DEL and click Log Off when you are done. Your account will be ready to use in 10 minutes.

**NOTE:** You must renew your account before it expires. Engineering students who have paid their registration fees will have their accounts automatically renewed. If you are a staff member or a visiting scholar, please come to our office with documentation.



## LAB LOCATION & HOURS

- YOUR ACCOUNT WILL BE REVOKED IF YOU BRING ANY FOOD OR DRINK INTO THE LAB.
- LAB USE IS STRICTLY FOR COURSE WORK ONLY.

Room #		Hours	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10
2664 BH	WinXP PC Lab	Mon															
		Tue															
4404 BH	WinXP PC Lab	Wed															
		Thu															
4405 BH	LINUX Lab	Fri															
		Sat															
4442 BH	WinXP PC Lab	Sun															

- During Spring Break, Summer Vacation, and in between quarters, labs are open 9am – 5pm and closed on weekends.
- Labs will be closed on University holidays.



## SOFTWARE

- All UNIX applications are also available from XP, but you will *need to start Exceed* to use those that require X-Windows.

Windows Applications			
Adobe Acrobat Reader	Microsoft Office XP	Microsoft Internet Explorer	Microsoft Office XP
Netscape	UCLA DIMSUM+	Logic Works Erwin *	Access
Hummingbird	Exceed	Exceed 3D *	Excel
Altera Quartus II	Mathsoft Mathcad Pro	Mathcad Expl.	PowerPoint
Math Works Matlab*	MicroSim Pspice	OrCAD Pspice *	Word
SAAM Institute SAAMII	Abaqus	Sophos AntiVirus	Photo Editor 3
Autodesk AutoCAD	Ansys Zip TurboZip	PovRAY POV-Ray	Outlook
			Microsoft Visual Studio .NET
			Ensoft LPile Plus/Apile Plus
			ScFinder Scholar
			Hyprotech Hysys
			Tanner Ledit / LeditPro *
			Teranishi Tera Term Pro

UNIX Apps	Command
C	cc, gcc, c89
C++	CC, g++
Fortran	f90, f95, f77
Java	java
Pascal	gpc
Perl	perl
Prolog	gprolog
Scheme	scheme
Expect	expect
Tcl / Tk	tclsh, wish
AutoCad 12	Seascad
Maple 7	maple, xmaple
MAX+PLUS II	maxplus2
Viewers	acroread (for PDF files) ghostview (for PS files) xv (for images)
Email	pine, mutt
News	trn, pnews
Text Editors	pico, vi, asedit, emacs, ispell
Web Browser	netscape, lynx
Online Manuals	man <cmd> or man -k <keyword>

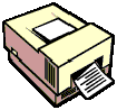
\*= Restricted software: You must be enrolled in a related course to use this software.

A complete list of software is available on the SEASnet website.



## REMOTE ACCESS

- RECOMMENDED METHOD:** Dial into your ISP like Bruin OnLine, then SSH <cluster>.seas.ucla.edu.  
Example: SSH ugrad.seas.ucla.edu
- POP SUPPORT:** You can check your email with Netscape, Eudora, IE, or other similar clients.  
Incoming Mail Server: pop.seas.ucla.edu  
Outgoing Mail Server: smtp.seas.ucla.edu
- TERMINAL SERVICE:** You can access most of the lab Windows software remotely using high speed internet.  
For more information, please go to: <http://www.seas.ucla.edu/seasnet/remote>  
Terminal Server: remote.seas.ucla.edu



## PRINTING

- New accounts come with 10 free pages; thereafter, 2¢ (b&w) and 10¢ (color) per page (tax included) will be billed to your UCLA BAR account. Color printing is available in 2684BH and 4404BH.
- pqi (paper quota info) in UNIX will tell you how many pages you have waiting to be billed (billing is done weekly).

Location	2664 BH	3760 BH	4404 BH	4405 BH	4442 BH
Printer Name	pr2664-1 & -2	pr3760-1	Pr4404-1 & -2	pr4405-1	pr4442-1 & -2

<b>From UNIX</b>	<code>lpr -P&lt;printer name&gt; &lt;filename(s)&gt;.</code> For example: <code>lpr -Ppr2664-2 homework1.ps</code>
<b>From Windows</b>	From the menu bar, click File ⇒ Print ⇒ select the <i>nearest printer</i> ⇒ OK



## WINXP ENVIRONMENT

- Before you logon, make sure you select the SEASLAB domain (XP) and not the local machine.
- Some applications like Matlab or Femlab (COMSOL) are restricted to those enrolled in a related class.
- Save all your work on `username` on labsamba2.seas.ucla.edu [Z:] drive ONLY. This is the same as your UNIX home directory. Files saved anywhere other than your [Z:] drive, including your desktop, will be erased regularly.
- You can customize your XP environment by adding shortcuts, changing backgrounds, etc. Your customization will be saved in your personal profile and restored the next time you logon.
- ALWAYS logoff from your account when you are done by pressing CTRL+ALT+DEL and clicking Log Off.



## UNIX ENVIRONMENT

- Login to your appropriate cluster by choosing `ugrad`, `grad`, `fac`, or `staff`.
- If you have questions about anything in UNIX, try the online manuals by typing `man <command>` or `man -k <keyword>`.
- ALWAYS logout from your account when you are done by typing `logout` or `exit`.

Command	Function
<code>ls (dir)</code>	List current (or specified) directory
<code>ls -al (dir)</code>	Show long listing of current (or specified) directory
<code>Cd</code>	Change to home directory
<code>cd dir</code>	Change to specified directory
<code>Pwd</code>	Show present working directory
<code>mkdir dir</code>	Make specified directory
<code>rm file1 ... n</code>	Remove file(s)
<code>rm -r dir1 ... n</code>	Remove directory or directories
<code>cp file1 file2</code>	Make a copy of file1 called file2
<code>mv file1 file2</code>	Rename file1 to file2
<code>mv dir1 dir2</code>	Rename dir1 to dir2
<code>mv file dir</code>	Move file to directory
Clear	Clear the screen

Command	Function
<code>chmod ugo file</code>	Change read, write, execute permissions
<code>chmod ugo dir</code>	r (read) = 4, w (write) = 2, x (execute) = 1 Add permissions, so 3 = write and execute Example: <code>chmod 711 ~/www</code>
<code>~</code>	Same as home directory. Example: <code>cd ~/www</code>
<code>.</code>	Same as current directory. Example: <code>cp ~/test .</code>
<code>..</code>	Same as directory above. Example: <code>cd ../../</code>
<code>*</code>	Same as all files. Example: <code>chmod 711 *</code>
<code> </code>	Pipe output of one program to another. Example: <code>ls -al   grep e   more</code>
<code>passwd</code>	Change password
<code>pqi</code>	Paper quota info
<code>showdq</code>	Show disk quota
<code>showmodem</code>	Show the dial-in modem numbers



## TIPS

- Take a look at [www.seas.ucla.edu/seasnet/faq/homepage.html](http://www.seas.ucla.edu/seasnet/faq/homepage.html) for instructions on how to create your own homepage.
- You are eligible for a Bruin OnLine (BOL) account. Go to <http://www.bol.ucla.edu/services/accounts/>.
- forward your email, type `forward` at the UNIX prompt, and to stop forwarding your email, type `rm .forward`.



## QUESTIONS AND PROBLEMS

- Help is never too far away because there are many resources available to you.
- If you suspect a security problem, please report it immediately.

<b>Help Desk</b>	Email <a href="mailto:help@seas.ucla.edu">help@seas.ucla.edu</a>
<b>Lab Consultants</b>	Look for lab consultants sitting at the front desk in 2684BH (x75154)
<b>Web</b>	<a href="http://www.seasnet.ucla.edu/">http://www.seasnet.ucla.edu/</a>
<b>SEASnet User Relations Office</b>	Location: 2684 Boelter Hall Phone: (310) 206-6864 or (x66864) Office Hours: 8:00am – 12:00pm and 1:00pm – 4:30pm