## Connecting to the POD

- For the Windows user, you can use PuTTY ssh client
  - Download the PuTTY (<u>https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html</u>)



## Connecting to the POD

• For the Mac user, you can open the terminal

### \$ ssh your\_user\_name@pod-login1.cnsi.ucsb.edu

💿 😑 💼 jaychi — jay@pod-login1:~ — ssh jay@pod-login1.cnsi.ucsb.edu — 90×30
[(base) EEUC-YT61Y2PL:~ jaychi\$ ssh jay@pod-login1.cnsi.ucsb.edu jay@pod-login1.cnsi.ucsb.edu's password:
Last login: Mon Aug 29 09:28:40 2022 from 169-231-103-70.wireless.ucsb.edu
Welcome to Pod
For basic documentation to get started please see
http://csc.cnsi.ucsb.edu/docs/pod-cluster
March 2022
We are experiencing some slow /home performance because the
filesystem is fairly full - please, please, please, take a look at what you can move off the system!!
Apr 4, 2022 login node crashed - all jobs are fine. Please be careful
with running anything large directly on the login node!
[isy0mod_logint als

	Connections					
>	UCSB Remote Access Connected	🤗 🔳	isconnect			

#### Important: Remote (non UCSB) login via VPN client:

https://www.ets.ucsb.edu/pulse-secure-campus-vpn/get-connected-campus-vpn

### Connecting to the POD

- For the Linux user, the steps are as same as for Mac users.
- If you are not on campus and remote login via campus VPN,

https://www.ets.ucsb.edu/get-connected-vpn/ivanti-secure-accesspulse-secu re-vpn-client-linux

- If the VPN GUI does not work, please use VPN command line (CLI).
  - \$ sudo apt install openconnect network-manager-openconnect network-manager-openconnect-gnome
  - \$ sudo openconnect --protocol=nc <u>https://ps.vpn.ucsb.edu/ra</u>
  - After prompting for your sudo password, you will be prompted for your username this is your UCSB NetID.
  - Next, you will be prompted for your UCSB NetID password.
  - When prompted for "password#2", refer to the Step 4 instructions above (or the instructions in your terminal that should appear after you type your sudo password) to complete your Duo authentication.
  - Open one new Terminal window and ssh login to the POD cluster.

# File Transfer

- How do I uploaded data & download my files?
  - Graphical User Interface (GUI)
    - Filezilla: <u>https://filezilla-project.org/</u>
    - Cyberduck: <u>https://cyberduck.io/</u>
  - Command-Line Interface (CLI)
    - "scp" command
- FileZilla
  - Host: pod-login1.cnsi.ucsb.edu
  - Username: your\_user\_name
  - Password: your\_password
  - Port: 22
- Globus (for larger files transfers)
  - <u>https://csc.cnsi.ucsb.edu/docs/globus-v5-new</u>

Filezilia							
	<b>2</b> 0 10 0 5	. 🕽 🔳 🛱 🖉 🧥	FileZilla				
Host:	Username:	Password:	Port: Quickconnect				
Local site: /Users/jaychi/			Remote site:				
<ul> <li>Volumes</li> <li>bin</li> <li>cores</li> <li>dev</li> <li>etc</li> <li>home</li> <li>opt</li> <li>private</li> <li>sbin</li> <li>tmp</li> </ul>							
Filename 🔨	Filesize Filetype	Last modified	Filename A Filesize Filetype Last modified Permissions Owner/Group				
 .Trash .anaconda .aws .aws .cache .conda .config .config .confinum .cups .globusonline .local .mono .oracle_ire_usage .putty .rsnin-link .rstuido-desktop .ssh	Directory Directory Directory Directory Directory Directory Directory Directory Directory Directory Directory Directory Directory Directory Directory Directory Directory	08/30/2022 12:3 08/10/2022 17:0 08/25/2022 17:2 08/29/2022 17:3 08/10/2022 17:1 08/10/2022 17:1 08/10/2022 17:3 07/27/2022 17:3 06/27/2022 17:3 06/27/2022 17:3 08/27/2022 17:3 08/30/2022 12:3 08/30/2022 20: 08/30/2022 06: 08/10/2022 06:	Not connected to any server				
13 files and 29 directories. Tot	tal size: 42,357 bytes		Not connected.				
Server/Local file	Direction Remote file	Size Priority	Status				

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