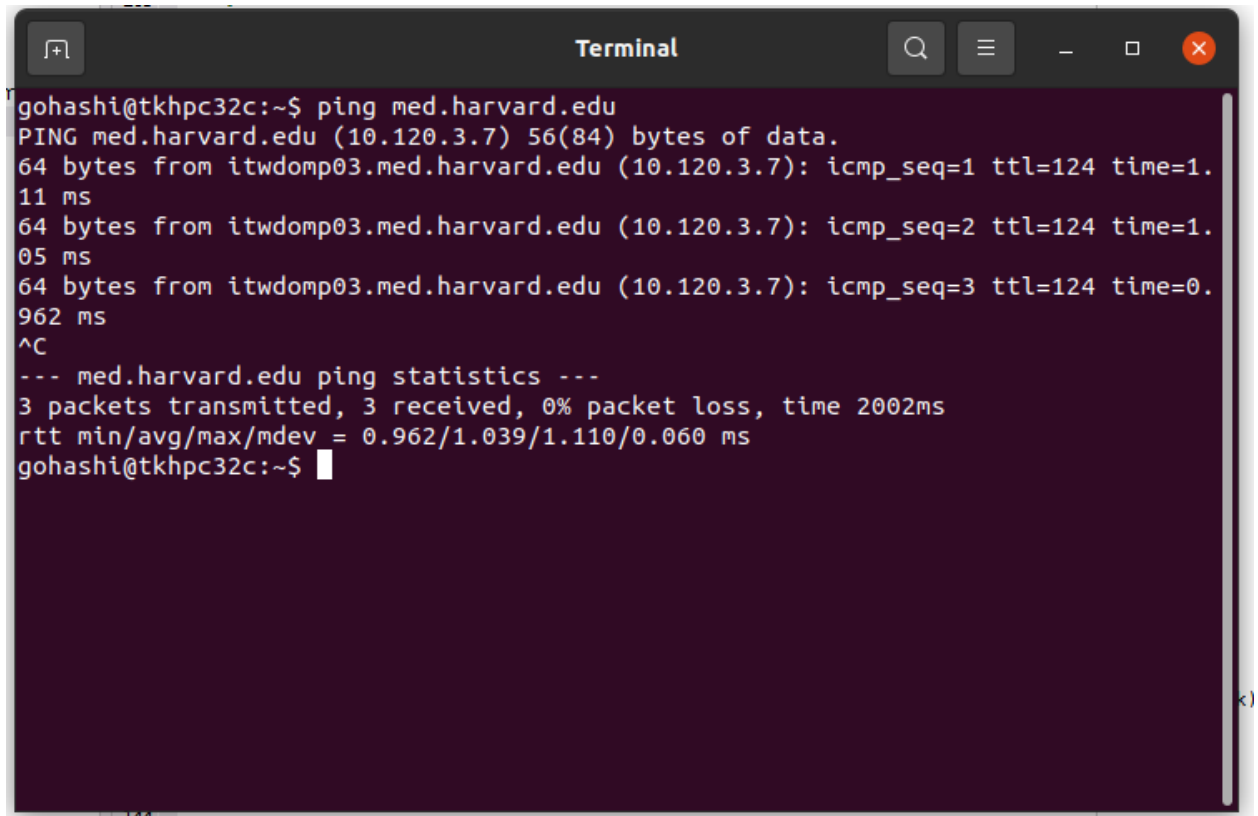


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Connecting to workstations

1. Open terminal from a Mac or Linux computer
2. Check that you are connected to the harvard network. Execute "ping med.harvard.edu". You should be able to send packets. Once you see messages, enter (ctrl + c) to terminate the execution

A screenshot of a terminal window titled "Terminal". The prompt is "gohashi@tkhpc32c:~\$". The user has entered "ping med.harvard.edu". The output shows three successful ping responses from "itwdomp03.med.harvard.edu (10.120.3.7)" with varying times (11 ms, 05 ms, 962 ms). The user then presses Ctrl+C, indicated by "^C". The terminal shows the statistics: "--- med.harvard.edu ping statistics ---", "3 packets transmitted, 3 received, 0% packet loss, time 2002ms", and "rtt min/avg/max/mdev = 0.962/1.039/1.110/0.060 ms". The prompt returns to "gohashi@tkhpc32c:~\$".

```
gohashi@tkhpc32c:~$ ping med.harvard.edu
PING med.harvard.edu (10.120.3.7) 56(84) bytes of data.
64 bytes from itwdomp03.med.harvard.edu (10.120.3.7): icmp_seq=1 ttl=124 time=1.
11 ms
64 bytes from itwdomp03.med.harvard.edu (10.120.3.7): icmp_seq=2 ttl=124 time=1.
05 ms
64 bytes from itwdomp03.med.harvard.edu (10.120.3.7): icmp_seq=3 ttl=124 time=0.
962 ms
^C
--- med.harvard.edu ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2002ms
rtt min/avg/max/mdev = 0.962/1.039/1.110/0.060 ms
gohashi@tkhpc32c:~$
```

3. Connect to the desired workstation. Execute "ssh -Y <user>@<workstation_Name>", where <user> is your username given from sbgrid and <workstation_Name> is the name of the workstation. If you do not have an account or forgot the account details, please contact Justin O'Connor (oconnor@crystal.harvard.edu) and cc sbgrid (help@sbgrid.org). Examples are
 - a. ssh -Y gohashi@tkhpc32c (typical computer in dreamspace)
 - b. ssh -Y tklab@tkl1 (for specified computers, typical users will not use this)
4. Type in your password
5. You should be connected to the desired computer
6. To log off type in "exit". You should see a messaging saying that the connection was terminated

```
Terminal
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(base) tklab@tkhpc32c:~$ ssh -Y gohashi@tkhpc36a
Password:
Password:
Welcome to Ubuntu 20.04.1 LTS (GNU/Linux 5.4.0-70-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

137 updates can be installed immediately.
130 of these updates are security updates.
To see these additional updates run: apt list --upgradable

Last login: Tue Jun 15 15:30:50 2021 from 10.117.38.92
gohashi@tkhpc36a:~$ exit
logout
Connection to tkhpc36a closed.
(base) tklab@tkhpc32c:~$
```