

## How to SSH to cs75.net from Mac OS

Recall that cs75.net is a VPS running Linux on which you have an account. Via a protocol called SSH can “open a shell” on this VPS in order execute commands on it remotely. On this VPS you have 500 MB of storage space (your so-called home directory). To SSH to cs75.net, then, is to access your account and, in turn, home directory on this VPS remotely. All you need is an SSH client, a program that “speaks” SSH.

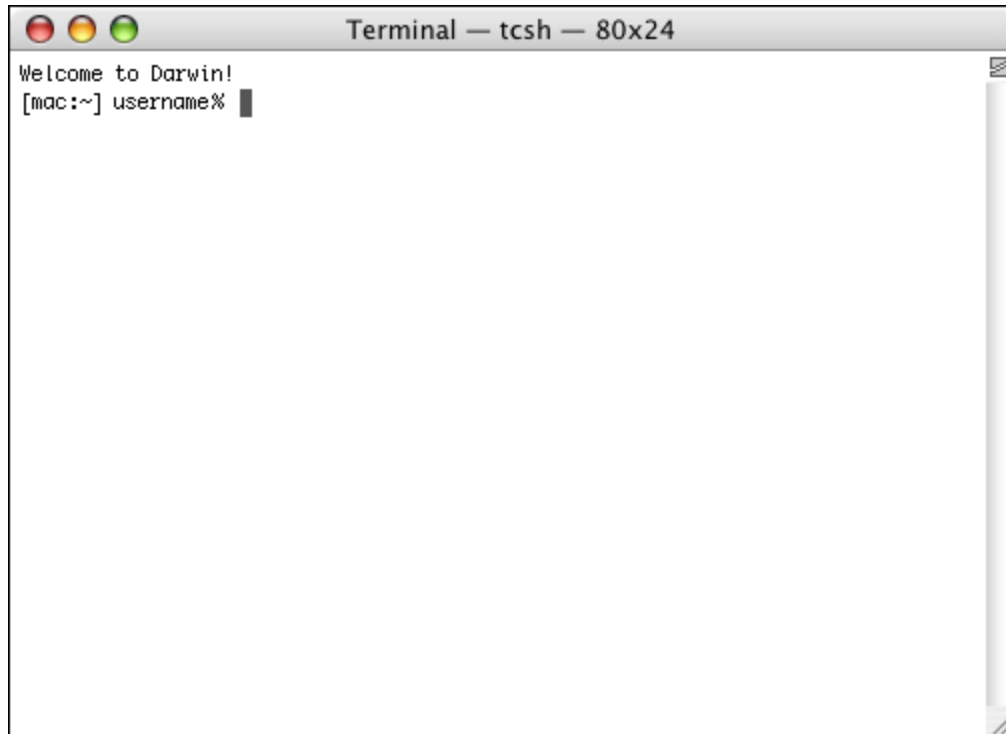
You’re welcome to use any SSH client for the course. This document explains how to use Terminal, software for Mac OS that comes with Mac OS itself; it should thus be installed on all Macs around campus as well as on yours.

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## Launching Terminal

Launch Terminal via its icon, which should be under **Macintosh HD** → **Applications** → **Utilities**.<sup>\*</sup> You should see a window like the below.



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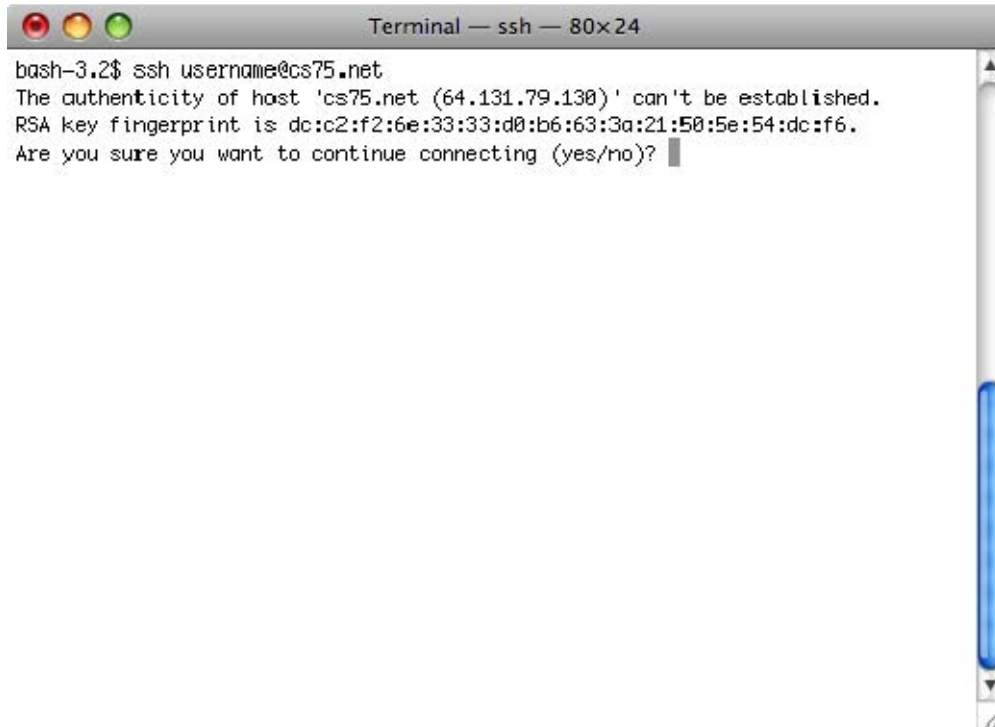
<sup>\*</sup> It's possible your hard drive is called something other than "Macintosh HD."

## Using Terminal

Launch Terminal. At the prompt, type

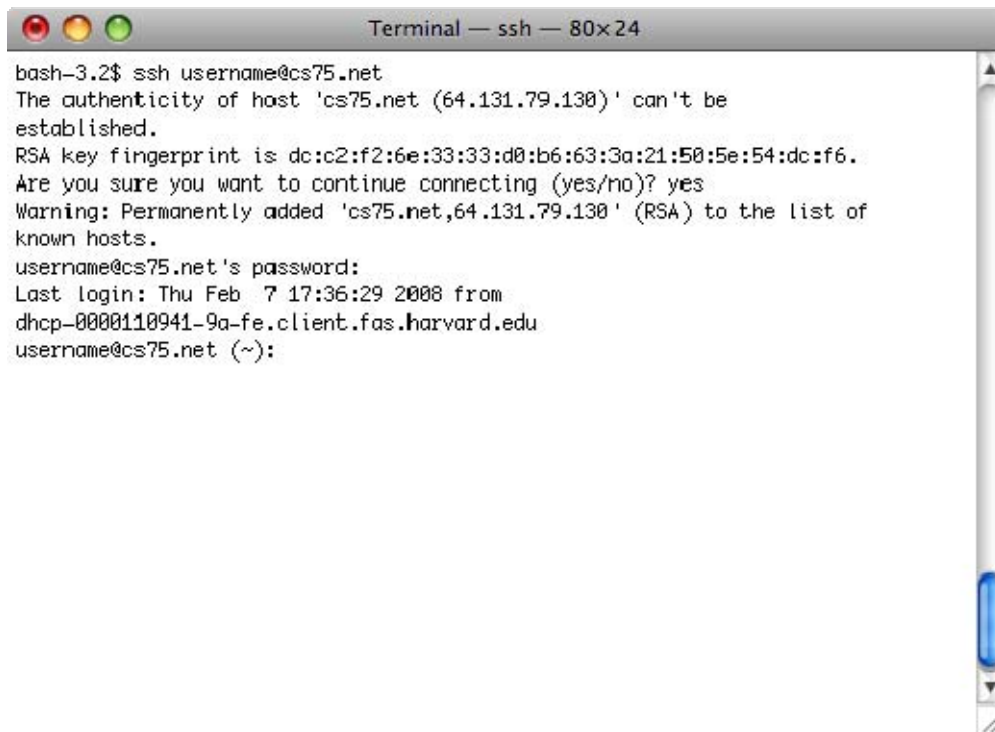
```
ssh username@cs75.net
```

followed by **Enter**, where username is your username on cs75.net. If you see a response like the below, type **yes** at the prompt followed by **Enter**.



```
Terminal — ssh — 80x24
bash-3.2$ ssh username@cs75.net
The authenticity of host 'cs75.net (64.131.79.130)' can't be established.
RSA key fingerprint is dc:c2:f2:6e:33:33:d0:b6:63:3a:21:50:5e:54:dc:f6.
Are you sure you want to continue connecting (yes/no)? █
```

Provide your password when prompted. You should then see a response like the below.

A screenshot of a terminal window titled "Terminal — ssh — 80x24". The terminal shows the following text:

```
bash-3.2$ ssh username@cs75.net
The authenticity of host 'cs75.net (64.131.79.130)' can't be
established.
RSA key fingerprint is dc:c2:f2:6e:33:33:d0:b6:63:3a:21:50:5e:54:dc:f6.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'cs75.net,64.131.79.130' (RSA) to the list of
known hosts.
username@cs75.net's password:
Last login: Thu Feb  7 17:36:29 2008 from
dhcp-0000110941-9a-fe.client.fas.harvard.edu
username@cs75.net (~):
```

At this point, you have successfully SSHed to cs75.net and are thus in control of your account! To execute a command, type it (*e.g.*, nslookup), then hit **Enter**.

May that you never have to read these directions again!