

Initial SSH Usage

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Notes:

- * Commands preceded with "\$" imply that you should execute the command as a general user - not as root.
- * Commands preceded with "#" imply that you should be working as root.
- * Commands with more specific command lines (e.g. "rtr>" or "mysql>") imply that you are executing commands on remote equipment, or within another program.
- * If a command line ends with "\" this indicates that the command continues on the next line and you should treat this as a single line.

Exercises Part I

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1. Connect to your PC with SSH

Windows Users

If you are using Windows and do not have an SSH client installed you can download a copy of the free Putty SSH program here:

<http://noc.ws.nsrc.org/software/>

Right click and save the putty.exe file to your Desktop, or some other location where you save software. Once saved, double-click on the putty icon. To connect to your PC enter in the name of the PC in the "Host Name (or IP address)" box in putty:

```
pcN.ws.nsrc.org
```

Next you will receive a security alert from putty that the server's host key is not already cached on your machine. Click on "Yes" to accept the key.

```
When prompted with "Login as" enter "sysadm"  
When asked for a password use the password given in class.
```

That should be it. You are now connected to a terminal session on your machine. To log out you can type:

```
"exit"
```

and this will end your terminal session.

Unix/Linux/Mac OS X Users

Open a terminal window on your machine. If you don't know how to do this ask an instructor for help.

At the prompt type:

```
ssh sysadm@pcN.ws.nsrc.org
```

When you see the warning that looks something like this:

```
The authenticity of host 'pc12.ws.nsrc.org (10.10.4.12)' can't be established.  
RSA key fingerprint is 59:e2:62:a3:90:d8:a2:43:5a:95:a1:67:ea:ff:c8:b2.  
Are you sure you want to continue connecting (yes/no)?
```

```
Type "yes" and press ENTER.
```

When prompted with "sysadm@pcN.ws.nsrc.org's password:" enter the password given in class.

That should be it. You are now connected to a terminal session on your machine. To log out you can type:

```
"exit"
```

and this will end your terminal session.