

## Initial SSH Usage

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### Notes:

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- \* 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

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##### Windows Users

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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

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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:

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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.