

## Router Access:

To give you access to your router we have set up a console server. This is a router at the DNS name `ts01.sie.ws.afnog.org` that has cables to the console ports on each of the routers. To access this router you will telnet to a specific port on the router. Group A is port 2001, to row L wich is 2014.

As an example rowD would access their router by running

```
telnet ts01.sie.ws.afnog.org 2004
```

The console server will prompt you for a username and password. The username to use is `afnog` and password `sie`.

When you authenticate successfully the console will just sit there waiting for you to press an extra Enter key so the console on the actual router you wanted to reach will respond.

## PC Access:

We have set up clients in each group (A - N) that are virtualized servers with VLANS so we can avoid the requirement that each group has a PC in addition to the already provided router.

There are two ways to access the VM in your group.

## VNC

This is the preffered method as it is easier to understand. The downside is you require a VNC Client.

Obtain one from:

- <http://www.tightvnc.com/download/2.7.7/tightvnc-2.7.7-setup-32bit.msi> for 32 bit windows
- <http://www.tightvnc.com/download/2.7.7/tightvnc-2.7.7-setup-64bit.msi> for 64 bit windows
- using `sudo apt-get install vinagre` for Ubuntu (it may be there by default)
- <http://sourceforge.net/projects/chicken/> for OS X

Once installed, you need to connect to your virtual machine to the vnc server running on `client.sie.ws.afnog.org`. Each virtual machine can be reached on a port: (rowA is on port 5901, rowB 5902, ... rowN 5914).

The VNC password is '@fn0g' (minus the quotes) and the 0 is a zero not an oh.

## SSH

If you are connected to the A13-bgn (*not* the A13-a) SSID you can also access your virtual machine via the second interface that we've connected to the wifi by ssh'ing to rowX.sie.ws.afnog.org . Replace X with your row/group number (A-N)

If you do not have an SSH client please download one of:

- Putty from <http://the.earth.li/~sgtatham/putty/latest/x86/putty.exe>
- Kirby from [http://www.downloadbestsoft.net/programs/kitty\\_portable.exe](http://www.downloadbestsoft.net/programs/kitty_portable.exe)

In this case it's useful to SCP files across to the client sometimes for which we recommend winscp for windows available at <http://winscp.net/download/winscp515setup.exe>

To login you will need to use the username 'afnog' and password 'sie' as is in the introduction presentation slide deck. The root password is 'afnog13' also as is in the introduction presentation.

## Cheat Sheet

This section summarises the information in the previous sections:

**console server:** ts01.sie.ws.afnog.org

**virtual machine host:** client.sie.ws.afnog.org

Group	Router Host & Console Port	VNC Host & VM Port	VM SSH hostname
rowA	ts01.sie.ws.afnog.org 2002	client.sie.ws.afnog.org 5901	rowA.sie.ws.afnog.org
rowB	ts01.sie.ws.afnog.org 2003	client.sie.ws.afnog.org 5902	rowB.sie.ws.afnog.org
rowC	ts01.sie.ws.afnog.org 2004	client.sie.ws.afnog.org 5903	rowC.sie.ws.afnog.org
rowD	ts01.sie.ws.afnog.org 2005	client.sie.ws.afnog.org 5904	rowD.sie.ws.afnog.org
rowE	ts01.sie.ws.afnog.org 2006	client.sie.ws.afnog.org 5905	rowE.sie.ws.afnog.org
rowH	ts01.sie.ws.afnog.org 2010	client.sie.ws.afnog.org 5908	rowH.sie.ws.afnog.org
rowI	ts01.sie.ws.afnog.org 2011	client.sie.ws.afnog.org 5909	rowI.sie.ws.afnog.org
rowJ	ts01.sie.ws.afnog.org 2012	client.sie.ws.afnog.org 5910	rowJ.sie.ws.afnog.org
rowK	ts01.sie.ws.afnog.org 2013	client.sie.ws.afnog.org 5911	rowK.sie.ws.afnog.org
rowL	ts01.sie.ws.afnog.org 2014	client.sie.ws.afnog.org 5912	rowL.sie.ws.afnog.org