Remote Access – Practical Sheet

In Class Practical

Setting Up

Only a terminal is required for this class, but you will have to be plugged into the physical network. Don't use wifi or other networking during the practical.

Check that the openssh-server is running using the ssh init.d script.

Get into the machine next to you using password

1. Get the ip-address of the computer next to yours.
2. Using the ssh command, gain access to the student account.
3. This should have the same password as was used to log in to the desktop.
4. You should be able to execute cli commands on the new machine.
5. Log out of the machine using the `exit` command.

Create a public/private RSA key

1. Using the ssh-keygen command create a new public/private key.
2. Use the password `sshkeypassword` when prompted.
3. Look at the files in ~/.ssh/ to identify the public and private keys

Copy the public key to the machine next to you

1. Copy the public key to the authorized_keys file on the target machine

Get into the machine next to you without a password

1. Gain access to the target machine using the new ssh key.
2. It will ask you for a password to unlock the key, use `sshkeypassword` as above.