

Question 1

Who here is running Windows?

- | <http://cygwin.com/install.html>
- | https://github.com/resbaz/nectar-cloud-lessons/blob/master/Lessons/Lesson_I_II/Installing_CygWin.md

ssh (secure shell)

ssh -i <key> <user_id>@<address>

Eg, for Anna's Drupal server:

ssh -i tut.pem ubuntu@144.6.225.224

Question 2

The NeCTAR image catalogue can be found at:
https://wiki.rc.nectar.org.au/wiki/Image_Catalog

What Operating system is the Drupal server
based on?

- A) Fedora
- B) Debian
- C) Centos
- D) Ubuntu
- E) Scientific Linux

?

Is this your error message?

```
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@                               WARNING: UNPROTECTED PRIVATE KEY FILE!                               @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
Permissions 0777 for '.ssh/tut_dev.pem' are too open.
It is required that your private key files are NOT
accessible by others.
This private key will be ignored.
bad permissions: ignore key: .ssh/nectar_dev.pem
ubuntu@144.6.225.224's password:
```

Another command!

chmod (**change file mode**)

Form:

chmod <mode> <file>

Eg:

chmod u=rw,go-rwx tut_dev.pem

Are you there yet?

*Welcome to Ubuntu 14.04.2 LTS (GNU/Linux 3.13.0-36-generic
x86_64)*

** Documentation: <https://help.ubuntu.com/>
Last login: Mon Mar 30 01:27:13 2015 from vpac.org
ubuntu@rstudio:~\$*

Did you get?

```
$ apt-get update
```

```
E: Could not open lock file /var/lib/apt/lists/lock - open (13:  
Permission denied)
```

```
E: Unable to lock directory /var/lib/apt/lists/
```

```
E: Could not open lock file /var/lib/dpkg/lock - open (13:  
Permission denied)
```

```
E: Unable to lock the administration directory (/var/lib/dpkg/),  
are you root?
```

sudo to the rescue!

sudo (**super user do**)

So:

sudo apt-get update

sudo apt-get upgrade

Question 3

You remove ssh from a security group shared with many other servers. Will you be able to ssh into another server that is also governed by the security group?

A) Yes

B) No

C) Only if there is another security group applied to the server that has ssh enabled.

?

An unexpected error!

```
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@  
@      WARNING: REMOTE HOST IDENTIFICATION HAS CHANGED!      @  
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@  
IT IS POSSIBLE THAT SOMEONE IS DOING SOMETHING NASTY!  
Someone could be eavesdropping on you right now (man-in-  
the-middle attack)!  
It is also possible that a host key has just been changed.  
The fingerprint for the RSA key sent by the remote host is  
45:ed:0b:42:16:b7:6c:dd:49:05:8d:b4:2b:16:7c:64.  
Please contact your system administrator.  
Add correct host key in /Users/martinpaulo/.ssh/known_hosts  
to get rid of this message.  
Offending RSA key in /Users/martinpaulo/.ssh/known_hosts:14  
RSA host key for 115.146.85.98 has changed and you have  
requested strict checking.  
Host key verification failed.
```