Installing SSH server

(This is for the Ubuntu installation on your machines, NOT for the remote server)

In the terminal you need to do the following:

```
sudo apt-get update
```

This will make sure to update the repository with information on the newest software packages.

```
sudo apt-get install openssh-server
```

This will install the ssh server so that you can log on to the server from putty or similar.

For finding your current IP address enter

```
ifconfig
```

Useful commands

Command	Description
man	Look up manual for command ("man nano")
nano	Text editor, use ctrl+x to exit ("nano myfile.txt")
cd	Change directory ("cd /" gets you to the root, "cd .." goes to parent folder, "cd test" enters folder test)
mkdir	Make directory, creates a new folder ("mkdir test" creates test directory)
ls	list the directory content ("ls -l" or "ls h*")
rm	Removes/deletes a file ("remove test.txt")
cp	Copies a file ("cp test.txt test2.txt" creates a copy and calls it test2.txt)
less	pagination for large documents, use q to exit ("less /var/log/syslog")
tail	Outputs the last couple of lines in a file
history	List the commands you entered earlier
ps	Shows you the different tasks running ("ps -ef")
grep	Can filter out in text ("ps -ef | grep apache")
kill	Kills a running process ("kill #", replace the # with the number from ps)
top	shows in close to realtime the system resources and processes
df	Shows the disk space usage
chmod	Changes the userrights of a file/directory ("chmod 777 myfile.txt")
chown	changes the owner of a file/directory ("chown root myfile.txt")

Installation commands

Command	Description
apt-get update	Updates the repository
apt-get upgrade	Upgrades all packages (this might download a lot and take some time)
apt-get install	Installs a package ("apt-get install apache2")
apt-get remove	Removes a package ("apt-get remove apache2")
apt-cache search	Searches for a package ("apt-cache search apache2")

Important pathes

Path containing config files for all servers/applications

/etc/

Apache configuration

/etc/apache2/sites-available/

Path containing logs

/var/log/

Path containing webserver files

/var/www/html