

# Advania Cloud Services

Each group has access to a virtual machine hosted by Advania in their Cloud Services environment to use for the remainder of the course.

- Ubuntu Server 14.04 LTS, 2GB ram and 2 CPUs.
- The group's server IP address, and password for default user (ubuntu) will be sent to all groups before Thursday's session.

## SSH connection to Advania server

- MacOS and Linux users can use the default OpenSSH software that comes bundled with those operating systems.
- Windows users can for example use:
  - [Putty](#) limited but easy to use.
  - or better yet [Git bash](#).

### Connect to a server

In MacOS and Linux terminal applications:

```
ssh <username>@ip-address
```

I.e.

```
ssh ubuntu@46.149.25.240
```

In Putty enter the string `ubuntu@46.149.25.240` into "Host Name (or IP address)", Port 22 and check `SSH`.

### Close a connection

To close a connection type `exit` or `logout`.

## Set up the Server

Create users for all team members

1. Connect to the server via SSH, using the `ubuntu` user and the password given via email.
2. To create a user, do the following:

```
sudo adduser <username>
```

3. Fill in the password and any other info:

```
ubuntu@i-78c9375c:~$ sudo adduser user1
Adding user `not1' ...
Adding new group `user1' (1001) ...
Adding new user `user1' (1001) with group `user1' ...
Creating home directory `/home/user1' ...
Copying files from `/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Changing the user information for user1
Enter the new value, or press ENTER for the default
  Full Name []: User 1
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n]
```

4. Give the new user sudo administrative rights:

```
sudo adduser user1 sudo
```

5. All team members should now be able to login and follow the SSH connection steps above on their own computers and do the exercises.