

Some Important Settings On Your Workstation

In order to easily log in to the server, mount data drives and access the data you must make the following settings on your workstation.

User and groups settings

The main user name on your machine should be 'alirv'

user name	alirv
user id	1069

If i remember correctly, you can set this during the installation of ubuntu.
If it is possible to change the login group during installation, set it to 500.

After installation you should create two groups on your machine, and add the user 'alirv' to them
In a terminal window type:

```
sudo groupadd -g 500 morpho
sudo groupadd -g 1111 neander

sudo usermod -g morpho -G neander alirv
```

(the option '-g' sets the login group, '-G' sets additional group memberships)

Networking

Data pertaining to networking are usually entered during the installation process.
Make sure that your machine **does not** use DHCP, but enter the IP address manually:

IP address	130.60.126.113
Netmask	255.255.255.128
Default router	130.60.126.1
Nameservers	130.60.128.3 130.60.64.51

NFS

NFS (Network File System) allows you to mount drives of remote computers. Most of our data resides on our server aim-bigfoot.uzh.ch (130.60.126.9), and it is quite convenient to access it as if it were in a directory on your own machine.

To install a NFS client you have to install a single package:

```
sudo apt-get install nfs-common
```

To import the /morpho directory from bigfoot, you have to create a so-called 'mount point'. This is usually an empty directory.

```
sudo mkdir /morpho
```

(the name and location are arbitrary; here I show the ones I use)

To have the remote directories mounted when starting your computer, you have to add a line to the file '/etc/fstab'.

Open the file with a text editor:

```
sudo vi /etc/fstab
```

(the 'sudo' is required, because normal users are not allowed to change system files)

Then add the line

```
aim-bigfoot.uzh.ch:/raid1/morpho/ /morpho nfs
tcp,rw,hard,intr,nosuid,rsz=32768,wsz=32768,nfsvers=3,_netdev 0 0
```

(everything on one line – no line breaks)

To mount your home directory from bigfoot, create a mount point:

```
sudo mkdir /home/aim-bigfoot
```

```
sudo mkdir /home/aim-bigfoot/alirv
```

and add this line to '/etc/fstab'

```
aim-bigfoot.uzh.ch:/raid2/home/alirv /home/aim-bigfoot/alirv nfs
tcp,rw,hard,intr,nosuid,rsz=32768,wsz=32768,nfsvers=3,_netdev 0 0
```

(again: everything on one line – no line breaks)

After the next start of your computer, you should see the mounted directories.

To immediately mount the directories:

```
sudo mount -a
```