

NWEN302 Lab3: *Software Defined Networking*

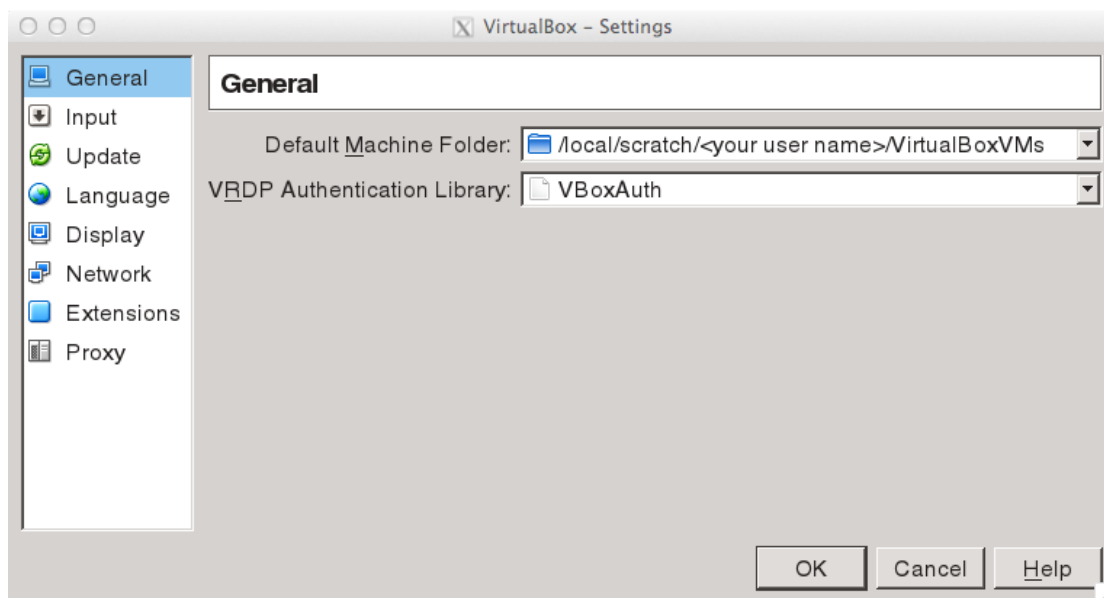
Installing the Virtual Box Appliance for OpenFlow 1.0

(1) Start Virtual Box

```
$ VirtualBox &
```

(2) Configure where the appliance will be installed

Select the **File->Preferences** menu and choose a suitable location on the local machine for “Default Machine Location” – replace <your user name> with your ECS user name.

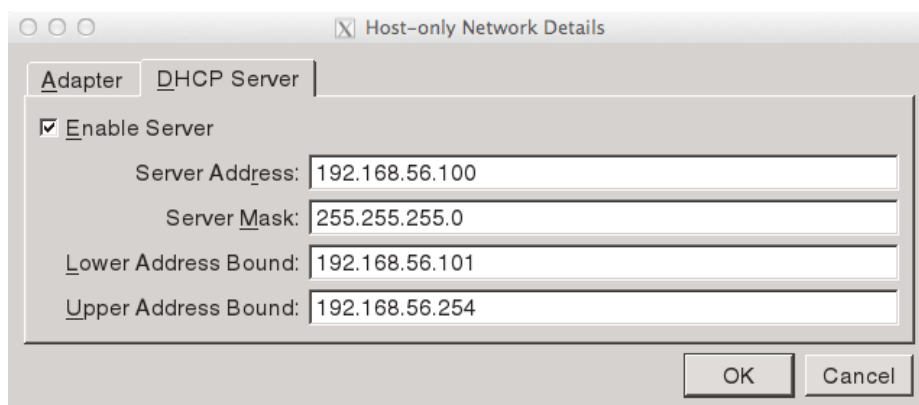
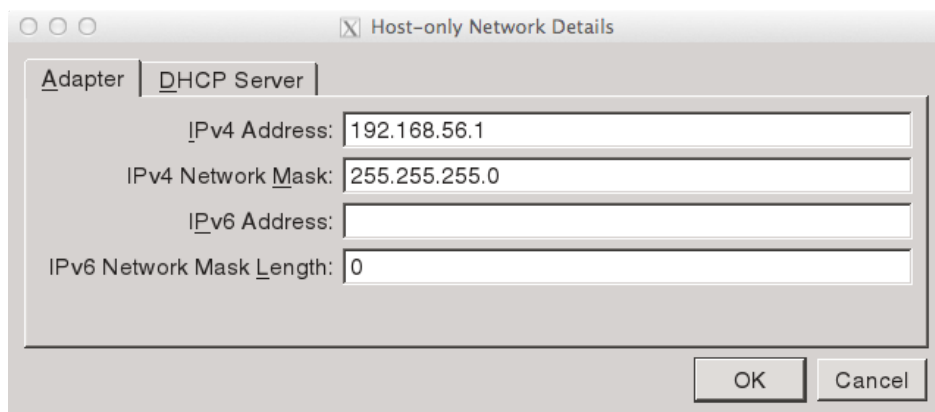
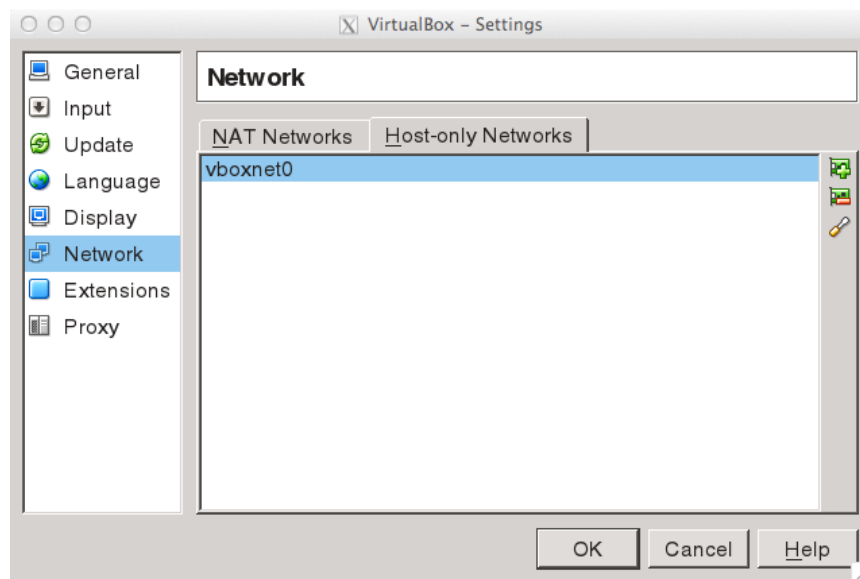


NOTE:

On the ECS lab machines, “Default Machine Folder” must be located beneath `/local/scratch` as shown above. Student network file store accounts do not have sufficient capacity to install the appliance, as it needs more than 2GB of space.

If installing on a personal machine, you can obviously choose any directory you like.

(3) Ensure the Host Only Network “vboxnet0” exists and has the correct configuration:



(4) Import the appliance:

Select the File->Import Appliance menu and import it from:

```
/vol/courses/nwen302/2014/NWEN302_Lab3.ova
```

NOTE: If you are not running on an ECS lab machine, you can download the appliance export from:

ftp://ftp.ecs.vuw.ac.nz/davidh/NWEN302_Lab3.ova

(5) Start the appliance

Notice that there is no GUI, just a login prompt. You *can* login here, but it's better to connect from the host via SSH.

(6) Login to the appliance from the host machine.

```
$ ssh nwen302@192.168.56.101
```

Password is "nwen302".

(7) Create a SAMBA link to the appliances file system in Dolphin:

Right click on the background and select "Add Entry..."



Enter the SAMBA address of the appliance:

