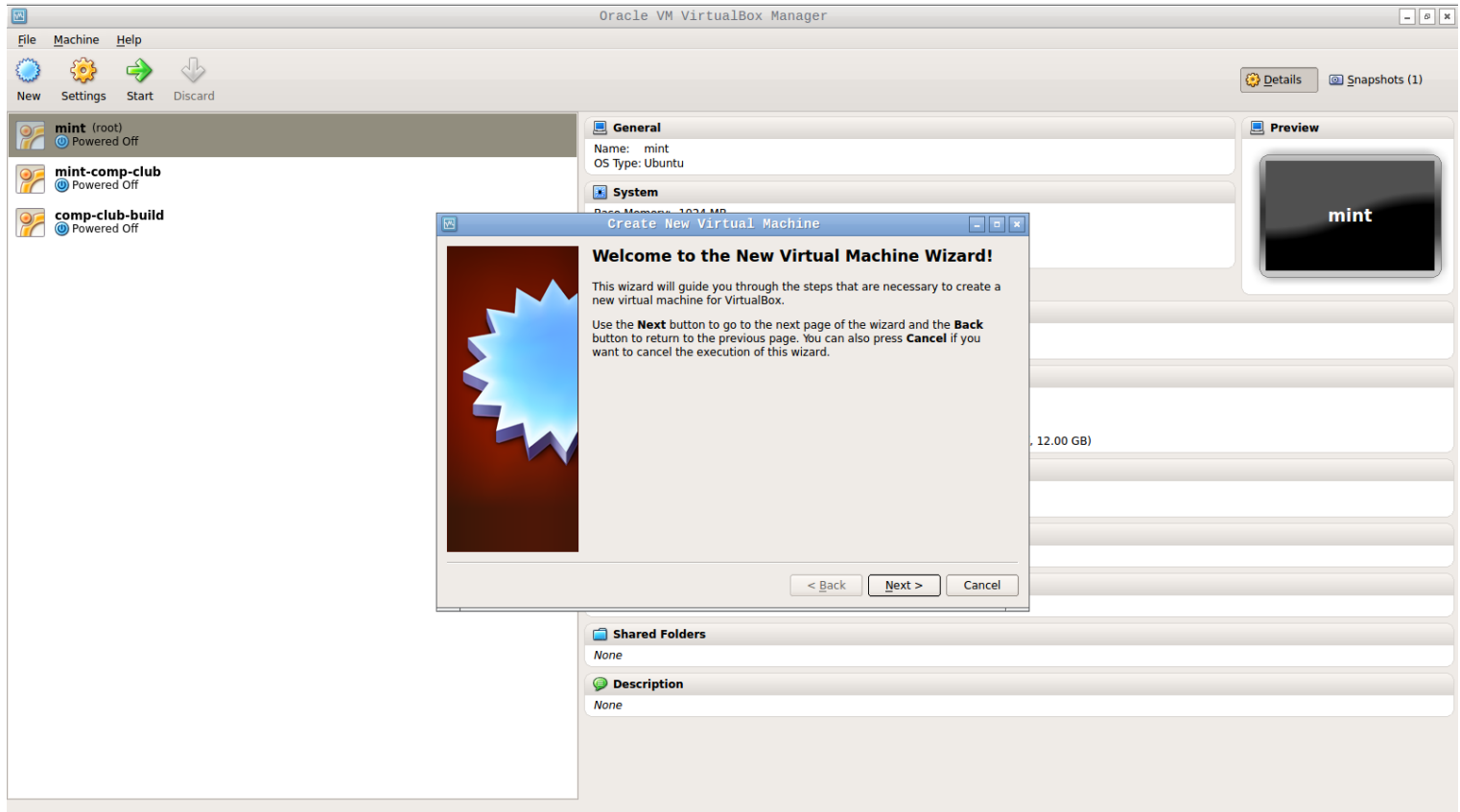
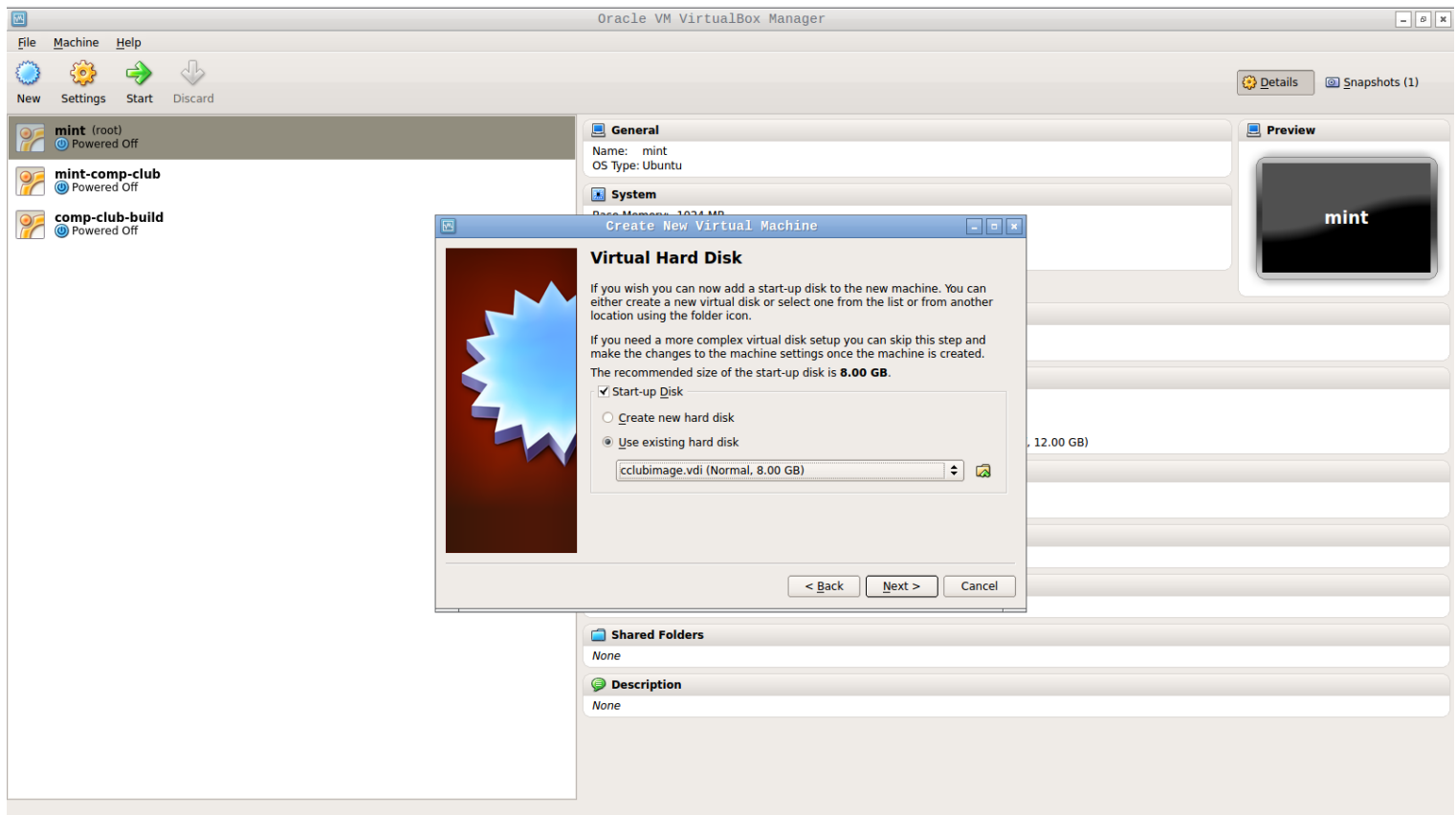


How to setup your VM for each Computer Club session

- Start VirtualBox
- Unless you've used the computer before in computer club, the VM setup on the previous computer won't be carried over. In this case, click "New" to make a new virtual machine.



- Click "Next"
 - Enter your desired name
 - You need to select "Linux" for the operating system and "Ubuntu" (not "Ubuntu (64-bit)") for the version
- Click "Next"
 - The default 512MB of RAM should be sufficient
- Click "Next"
 - Select "Use existing hard disk" and browse to the image you have on your USB



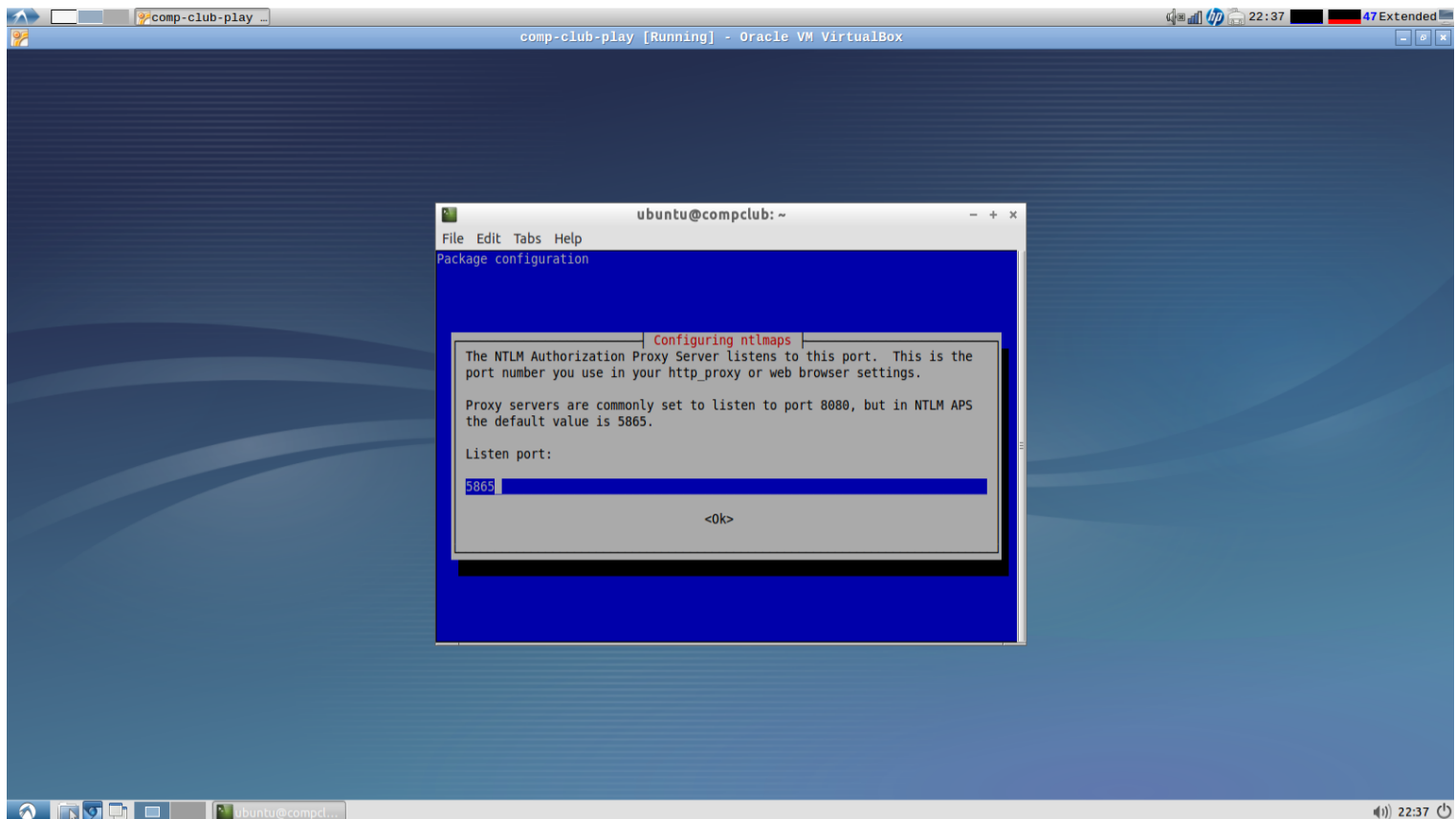
- Click "Create"
- **IMPORTANT:** Do not start the VM yet. You need to configure the MAC address. If you don't, you won't have Internet and it'll take ages to start up (ages being defined as more than one minute)
- Click "Settings"
 - Select "Network" and click the "Advanced" triangle
 - Replace the value in the "MAC address" box with the following:
0800272DF436
- Click "OK"
- Now you can click "Start" to start your VM. The login password is "123".

Setting up it to work with the school's proxy

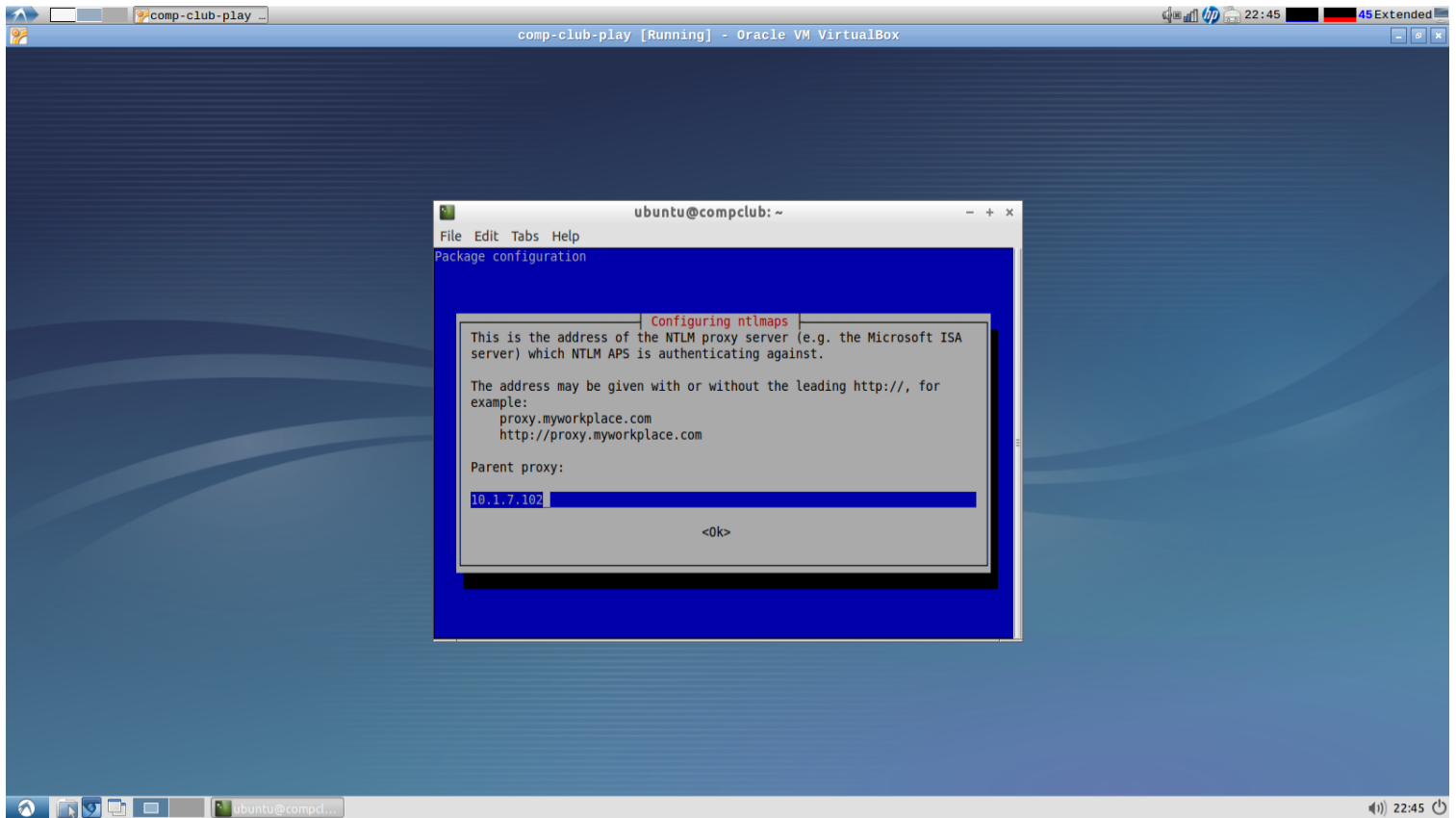
- If you have not yet configured "ntlmmaps" to work with the school's proxy, you need to configure it manually. If "ntlmmaps" has not been installed (it is installed in the latest image on the S drive), ask Patrick to come around and install it for you
- Note: from here on, the Start button look alike within LXDE will be referred to as "The Start Button"
- To configure ntlmaps, within the VM:
- Go to Start > Accessories > LXTerminal
- Enter the following command exactly, spaces and all:

```
sudo dpkg-reconfigure ntlmaps
```

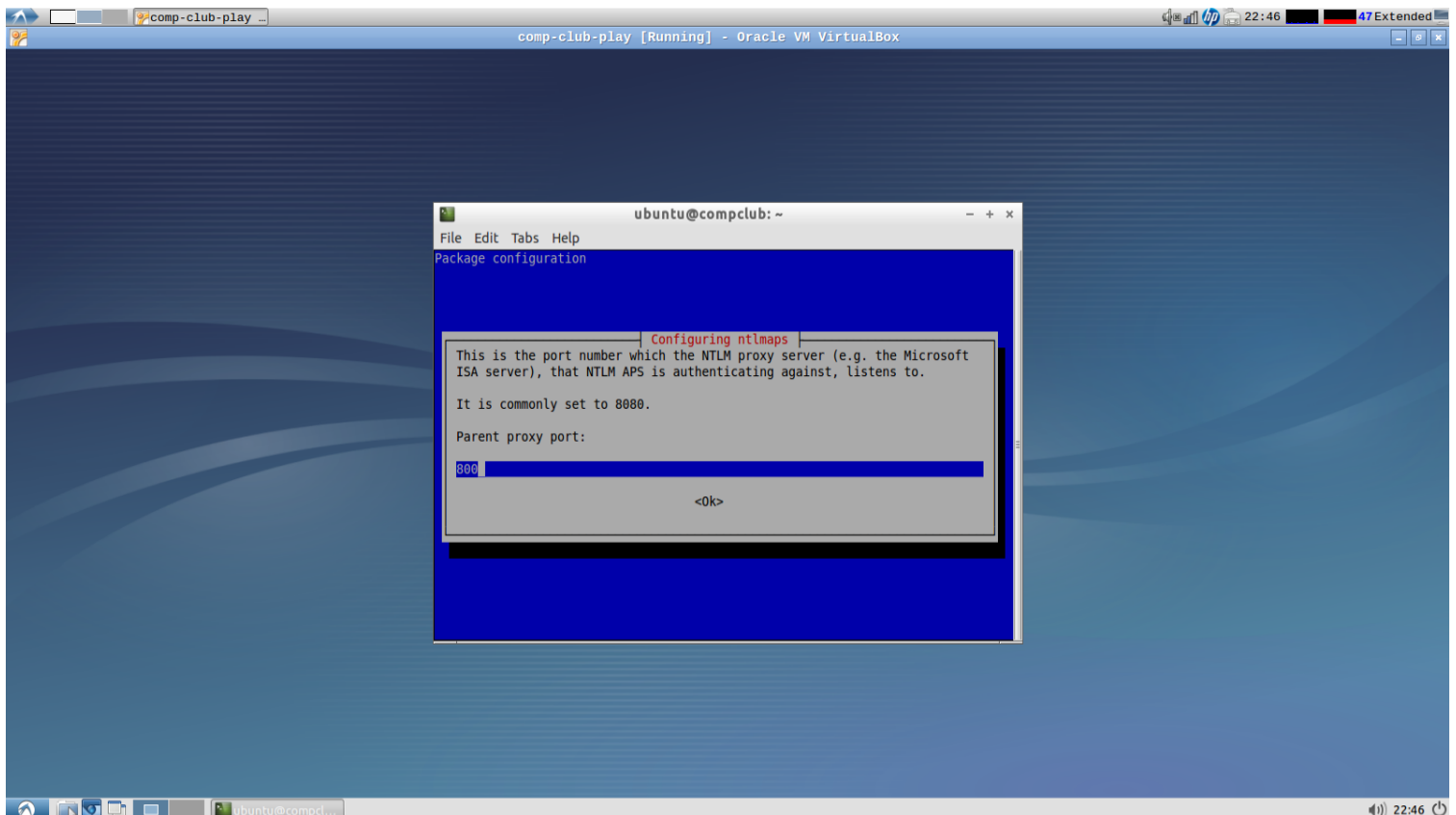
- and press Enter. Then type in your password (you won't see the cursor move), and press Enter
- Your screen should now look like this:



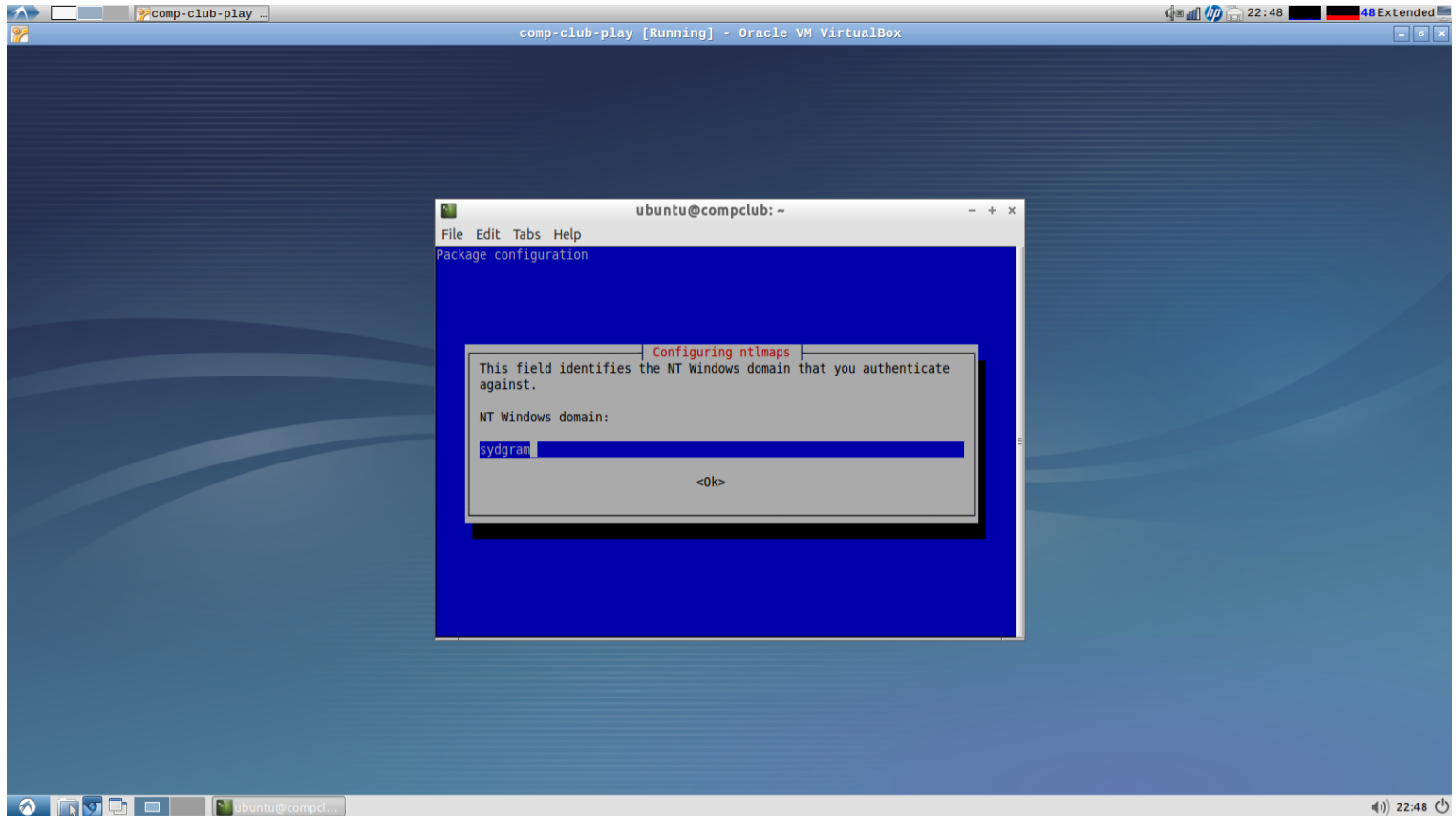
- Keep the Listen port on 5865. Press "Tab" to move to the <Ok> button, then press "Enter" to select it
- Enter: "10.1.7.102" for the parent proxy, and select "Ok"



- Enter: "800" for the proxy port, and select "Ok"



- Enter: "sydgram" for the domain, and select "Ok"



- Next, you need to enter your school login for the username and password. After you see the prompt again (i.e. the blue background goes away), and a "stopping/starting ntlmaps" message, you're good to go.

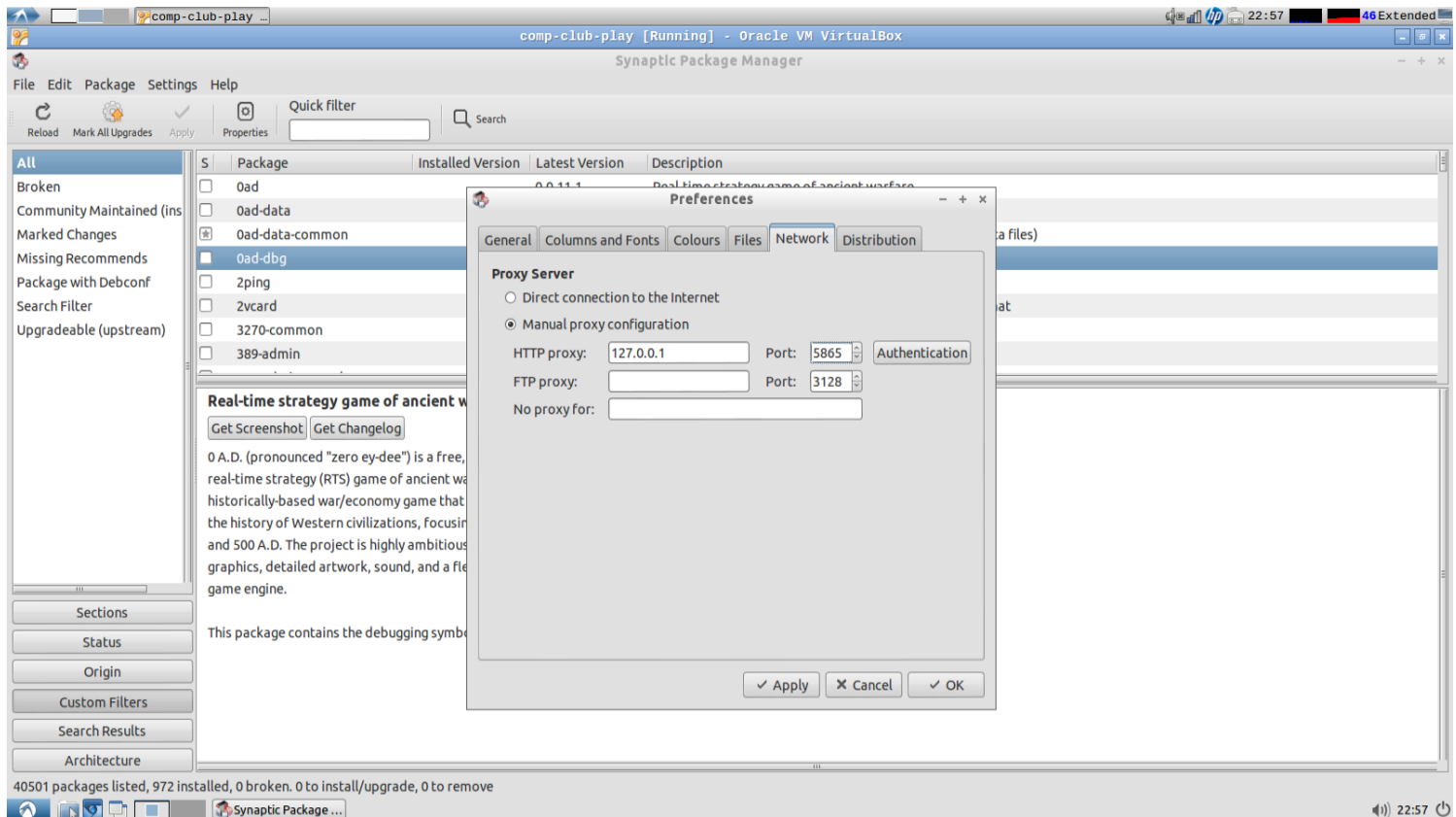
Setting up your Apps

- With Chromium
 - If you're on the newest image (updated 01/05/13), in Start > Internet you can find "Chromium for SGS Proxy", which is preconfigured to work with the school proxy once ntlmaps is setup
 - Otherwise, you'll need to stay on LXTerminal. Execute the command:

`chromium-browser --proxy-server=127.0.0.1:5865`

- With Firefox (which has only been preinstalled in the latest image)
 - Once started, go to Edit > Preferences > Advanced > Network > Settings
 - From there, set the HTTP Proxy fields to 127.0.0.1 and "5865" for the port
- With Synaptic (which is important if you want to download and install software)

- Synaptic can be found in Start > System Tools > Synaptic Package Manager
- Go to Settings > Preferences > Network
- Select "Manual Proxy Configuration" and for the HTTP values, enter 127.0.0.1 and 5865 for the port:



- Click "Apply" and "OK" and you should now be able to download and install packages at school from the VM.
- With other apps:
 - We can't provide a comprehensive list of course but proxy settings for many apps can be found in the preferences/settings under a heading such as "network"
 - Just try putting in "127.0.0.1" and "5865" as the relevant settings and try it out; if it doesn't ask us and we'll try to help.

NOTE: At home, the school proxy clearly doesn't exist. Unfortunately you'll need to reconfigure your apps to use them at home. For Chromium this should be as simple as opening it normally, but for Firefox and Synaptic you'll need to reset them to "system proxy values" or "direct connection" or similar.