

## **Installing VMware tools in Debian Wheezy from the command line.**

There is no package for Debian so we have to install VMware tools using the provided perl script.

In order to do this, we need to install some packages first.

**apt-get install gcc make linux-headers-\$(uname -r)**

What this command is doing is installing the Gnu C Compiler, the make program, and the correct headers for the version of the kernel we are using.

Once this is done, we need to make a directory to mount the cdrom.

**mkdir /cdrom**

Now in VMware, click on the vm link and select "Install vmware tools"

What this is actually doing is just mounting an iso image of the tools installer files on the virtual cdrom.

Now we need to mount that cdrom on the mount point we created.

**mount /dev/sr0 /cdrom**

Now **cd /cdrom** and do an **ls**. You should see a bunch of files.

Because the cdrom is mounted read only, we need to copy the installer file to someplace that is writable. We can do this by running

**cp VMwareTools-9.6.0-1294478.tar.gz /tmp**

This copies the necessary file to the /tmp folder where we can extract it and run the perl script.

Now **cd /tmp** and do an **ls** and you should see the file VMwareTools-9.6.0-1294478.tar.gz

To extract it run the command **tar xvf VMwareTools-9.6.0-1294478.tar.gz**

It will take a few seconds to extract it. After that if you run an **ls -l** command, you will see a number of new folders.

**cd vmware-tools-distrib** and it will switch to the folder we need. Do an **ls -l** in that folder and you will see a file called `vmware-install.pl`

This is a perl script that will install the tools.

Run this command from that folder **perl vmware-install.pl** and it will compile the tools.

Once it is done, it will ask you if you want to configure tools. Just say yes or take the defaults each time it asks for input.

Once it completes, it will unmount the installer disk and if you click on the full screen icon in VMware, it should switch to full screen.