

Install an Ubuntu 12.04 Virtual Machine on Windows 7

1. Change BIOS Settings

Some machines require that virtualization support is enabled. You can skip this step for now, but if you encounter any error messages relation to virtualization support, BIOS/firmware settings, or VT-x, come back to this step, complete it, and return to the step you left off at.

To enable, restart your machine. As it starts up, press specified button when you see a screen that displays "Press <F2> to enter BIOS setup" (or something of that sort). This screen only displays for a few seconds. If a Windows logo appears, you waited too long and will need to restart again.

Once on the BIOS menu, look for any options related to Virtualizations Support, and enable any options related to virtualization, VT-x, or VT for Direct I/O, and disable any options related to 'trusted execution' for virtualization.

2. Install VMware Player

The installer can be found here:

https://my.vmware.com/web/vmware/free#desktop_end_user_computing/vmware_player/6_0

All of the defaults can be selected, but you can customize the install settings if you wish.

3. Download the Virtual Machine

Download the zipped folder found here:

<https://drive.google.com/file/d/0B9MnggFrwlT8TVNvVkJZUxtS0k/edit?usp=sharing>

4. Extract the Folder

Extract the folder called "Ubuntu 12.04 (64-bit)" to the location you want it saved to.

5. Open the Virtual Machine

Open VMware Player, and click "Open a Virtual Machine" on the right side of the menu. Navigate to the location you extracted the folder to and open the "Ubuntu 12.04 (64-bit).vmx". (It should be the only item it allows you to open in the list.)

6. Setup

Select "Play virtual machine" or double click the virtual machine from the list on the left. A dialog box will pop up that states "This virtual machine might have been moved or copied." Click the "I copied it" button. A dialog box may pop up that asks if you want to install VMware tools; click "Download and Install."

7. Create Your User Account

Under the User Account box, enter the password, "password". Once logged in, open a terminal (Ctrl+Alt+T). Type the command "sudo adduser username" but replace username with the username you would like, such as

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your name. It will then prompt you for the password for user (the account you are logged into), so enter "password". Next it will prompt you for a password for your new account. Enter a password for your user account. Next, it will ask for some other details, like full name and phone number. These can be left blank if you wish. Finally, type "sudo adduser username sudo" (replace username with your chosen username) to give your new account administrative access. You can now log off (using the power wheel in the top right) and log into your new account.

8. VMware Tools

Under Player->Manage->Virtual Machine Settings->Options->VMware Tools->VMware Tools updates select update automatically.

9. Connect Remotely

If you need to access your files that are saved on the UNR ECC machines, you can type the command "ssh yournetidhere@remote.ecc.unr.edu".

Last Updated 9/25/14 by Catherine Pollock