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Vanquish - February 16, 2017, 10:01 am

Install and Setup Ubuntu

Part 1

Now we are going to set up the main machine that you will be using TOR with.

1. First, go to this URL: <http://www.ubuntu.com>
2. Click on the link "Download Ubuntu"
3. Click "Start Download" (This download should take 10-15 minutes)
4. The filename is going to be similar to: ubuntu-10.10-desktop-i386.iso

Now we wait...

While you are waiting for the file to download, go ahead and make sure that your "hidden volume" is mounted in TrueCrypt to a particular drive letter. For example, O: You will need that for the next step.

5. Return to your "VirtualBox Manager". It doesn't matter if the firewall is running or not.
6. Click "New" (the blue round star-icon in the top left) again.
7. "Welcome to the New VirtualMachine Wizard", click "Next"
8. "VM Name and OS Type", under "Name", type "Primary"
9. Next to "Operating System", select "Linux"
10. Next to "Version", select "Ubuntu" and Click "Next"
11. "Memory", by default it selects 512 MB. This is fine. 256 MB is the MINIMUM. The more memory you allocate, the better the virtual machine will function. Click "Next"
12. "Virtual Hard Disk", Make sure "Boot Hard Disk" is checked. Make sure "Create new hard disk" is selected. Click "Next"
13. "Welcome to the Create New Virtual Disk Wizard", click "Next"
14. "Hard Disk Storage Type", select "Fixed-size storage" and click "Next"
15. "Virtual Disk Location and Size", to the right of the text box containing "Primary" is a folder icon. Click the folder icon.
16. Now we have to select a file for the new hard disk image file. On the bottom of this dialog it says "Browse Folders", click on that.
17. Now click on "Computer" in the menu to the left.
18. Scroll to where you see the drive letter you mounted, and double click on it. Ex: Local Disk (O:)
19. Now click "Save"
20. By default 8.00 GB are selected. That is fine. If you have enough space on your hidden volume, increase this to 10 GB. Otherwise, 8 is fine.
21. Under "Location", it should say O:Primary.vdi where O: is replaced by whatever drive letter you mounted your TrueCrypt hidden volume to.
22. Click "Next", then click "Finish"

Now we wait for VirtualBox to create the hard drive we asked for. This may take a few minutes.

Keep in mind this entire virtual machine as well as any of its contents are going to reside within the hidden truecrypt container. This ensures extra security.

23. When this is done, you will see a "Summary" window. Click "Finish".
24. Now, right click on "Primary, Powered Off" in your "VirtualBox Manager", and click "Start"
25. Again we are at the "First Run Wizard", click "Next"
26. "Select Installation Media", under "Media Source" is a pull down menu. Click the "folder icon" to the immediate right of that pulldown menu.
27. Locate "ubuntu-10.10-desktop-i386" (or the similarly named file) from your Downloads directory, or wherever you saved it. Click on it, and click "Open"

28. Click "Next"
29. Click "Finish"

Now the virtual machine will start to boot up. Simply wait... (This may take up to 5 minutes.)

After a few minutes, you should start to see the Ubuntu desktop load. Unlike your firewall, you will notice that you do not have to click the mouse inside the window

Ok, now that we have installed Ubuntu, we need to set it up so that we can use it fully. This also means making sure we can see flash on websites such as youtube.

Part 2

1. First, we have to install any updates that are pending. At the bottom of your screen, you should notice where it says "Update Manager". Click on that.

2. Now, click on "Install Updates". If you did not see "Update Manager", then skip these two steps.

3. Any time an administrative task is required, you will need to type in your password. This is the same password you used to log in.

Now we wait, this is going to download any necessary security updates to make certain we are using the most current/secure setup possible. This may require downloading hundreds of megabytes.

Just go ahead and let it do that, and when everything is downloaded and updated, proceed to the next step. While you wait, Ubuntu may go into screensaver mode. If so, just move the mouse and it will ask you for your password. That will leave screensaver m

If the updates are more than a hundred megabytes, it will take quite a while. It may take up to 2-3 hours depending on your computer and internet connection. Nonetheless, this step is critical. Do not skip the updates.

Besides ensuring that your setup will be secure, the updates also ensure that all of the applications are up to date and thus most likely to function correctly. Just go ahead and watch a movie for a couple hours, and then return and check on it.

After all of the updates have been downloaded and installed, the "Update Manager" window will now say "Your system is up-to-date" at the top. Further, it will say: "The computer needs to restart to finish installing updates."

Go ahead and press the 'X' in the top right corner of the window, and choose 'Send the shutdown signal'. If prompted, click "Shut Down". Once it has fully shut down, the window will disappear and you will be back at the VirtualBox manager.

Go ahead and right click on "Primary" and click "Start". This will restart the virtual machine.

If a virtual machine fails to shutdown after 10 minutes or so, then go ahead and close the window again by pressing the 'X' but this time choose "Power down". If it still will not shut down, then VirtualBox may have crashed. If so, just follow these instr

* MINI SECTION *

Follow the steps in this mini-section if a virtual machine fails to shutdown, or you need to completely close/restart VirtualBox

First, press "Ctrl+Alt+Delete", and then click "Task Manager"). Next, locate the process that is running that starts with "VirtualBox". Right click that process, and click "End Process Tree"

(This should force the window to close

Now, restart VirtualBox by going to your start menu, All Programs, Oracle VM VirtualBox
VirtualBox

* END MINI SECTION *

Now you will have the VirtualBox manager up again. To restart the Ubuntu machine, simply right click on "Primary" and click "Start".

Once your Primary vm has rebooted, you will be again at the login screen. Here as before, click on "mainuser" and then enter in your password. Now your primary machine is fully up to date. Remember, be patient. It may take a few minutes before your virtual machine has fully booted.

First you will see the background image and a mouse cursor that can move around, next you should hear the login sound play, and finally you will see the menu at the top and bottom of your virtual machine window.

Depending on the speed of your computer, this may take 10 minutes or more. Just be patient. Don't worry if your virtual machine appears to be running too slow, we will speed it up.

Now your Virtual Machine is set up and ready for use.

Eagle 95 - *February 16, 2017, 11:44 pm*

Leaked.