

Forum:[Hack Forums](#)

Thread: [{TuT}{pics}How to install Backtrack 5 onto a Virtual Machine {pics}{TuT}](#)

Gt403cyl - September 1, 2013, 9:46 pm

Please substitute Kali for BT5 <https://www.kali.org>

Here is a another tutorial for you guys.

This time I'm going to show you how to install Backtrack 5 onto a virtual machine.

I know this task is not extremely difficult but with the next TuT I am working on I felt it was appropriate.

You will need a couple of things to accomplish this.

I suggest VirtualBox, my personal preference.

Download VirtualBox: <https://www.virtualbox.org/wiki/Downloads>

You will obviously need BackTrack 5, choose the options best suited for your machine.

Download Backtrack 5r3: <http://www.backtrack-linux.org/downloads/>

Go ahead and install VirtualBox

This is very straight forward, I don't believe I need to explain how to do this.

To start off you will need to install a virtual machine.

First run Oracle VM VirtuaBox, this is where you will be able to choose what OS to run in your VM
Click on New to add a new machine

Then name the machine, since we are installing Backtrack, set the type and version to Ubuntu, if your using 64bit use the 64bit.

For this next part the recommended amount of ram (512mb) is most likely fine and depending on your machine you may not wish to dedicate more.

For this install I'm using 2gb (2048mb)

Next choose "Create a virtual hard drive now"

Leave the hard drive type alone as recommended

The next screen determines how the virtual hdd deals with its size, this choice is up to you

Here we set the maximun virtual hard disk size and location.

I prefer to leave the location alone and change the size from the recommended 8gb to 12gb

Click create also I tend to raise the display memory from the 12mb up to 128mb by clicking the display tab.

So now we have the virtual machine setup, we just need to install our OS onto it now.

To start the install process, this is where I have found BT5 to differ from a Windows VM install Just select your new virtual machine and click start

This screen will come up, click the folder and navigate to your BT5.iso file and click start

What will look like a terminal window will appear just wait it out the Backtrack.iso is loading Once it loads it will look like this and will load the top option by default if the timer runs out

The next step is to enter "startx" (without the quotes) once it goes to the root screen.

Then your UI should look like this with the install file go ahead and double click it

I'll skip the:

Language select

Timezone select

Keyboard layout

The prepare disk for install (unless you have multiple virtual drives just leave this alone)

Click install and away you go

Once the install has completed you will be required to restart the virtual machine

After the restart you will need to login (remember this info as it is needed every time you boot BT)

The standard login and password are:

Login: root

Password: toor

At the root@bt:~# line enter "startx"

This will bring up the user interface now you can drag the install file to the garbage bin in the lower right corner.

The last peice of advice i can give is to install the guest additions by clicking Devices and Install Guest Additions

Then just install them the same way double click the cd on the install file it placed down.

I hope you liked this tutorial it definately took some time to put together.

I have another tutorial in the works, which is going to be called "How to crack WPA wifi with Backtrack5" so Keep watching!

Really Nice Tutorial.

Thanks for sharing.. I love Oracle VM VirtuaBox

Zapu - September 1, 2013, 10:01 pm

Good tutorial, new users shouldn't have a problem installing Backtrack onto VM with a tutorial like this.

damnthissucks - September 2, 2013, 12:32 am

Very HQ tutorial thanks for this mate :)

TheDarkComet - September 22, 2013, 7:01 am

Mine stop working when I enter "default boot text mode". It just stops at "Loading _"

T0ucaNSaM - September 22, 2013, 7:04 am

You dont have to do any apt-get update && apt-get upgrade commands like the many other tuts show OP??

Gt403cyl - September 22, 2013, 7:52 am

(Sep 22, 2013 07:01 AM)TheDarkComet Wrote: [\[CITE\]](#) Mine stop working when I enter "default boot text mode". It just stops at "Loading _"

You have to wait it out, I may take a minute, go get a drink at that point.

(Sep 22, 2013 07:04 AM)pirate_toucan Wrote: [\[CITE\]](#) You dont have to do any apt-get update && apt-get upgrade commands like the many other tuts show OP??

I have no Idea what your talking about.. there is only 3 times you need to enter anything, (root,toor,startx)

Cbzmnie - September 22, 2013, 8:42 am

Thanks a lot man ! Try it out tomorrow !

3xp1r3 - November 2, 2013, 5:16 pm

(Sep 22, 2013 07:52 AM)Gt403cyl Wrote: [\[CITE\]](#) You have to wait it out, I may take a minute, go get a drink at that point.

I have no Idea what your talking about.. there is only 3 times you need to enter anything, (root,toor,startx)

hes talking about this code [apt-get update

apt-get install reaver] he wana know if he need to install reaver manually or no ! For WiFi

connection go to Application > Internet > Wicd Network Manager @ and reaver is pre installed ?

Gt403cyl - November 2, 2013, 6:24 pm

(Nov 2, 2013 05:16 PM)lichen Wrote: [\[CITE\]](#) hes talking about this code [apt-get update

apt-get install reaver] he wana know if he need to install reaver manually or no ! For WiFi

connection go to Application > Internet > Wicd Network Manager @ and reaver is pre installed ?

Thanks I know what he's talking about, my statement was regarding the installation of BT5, there is no need to do that to use BT5. If you want "extras" then yes, but not to install it.

Cryptium - November 13, 2013, 5:21 pm

Everytime I restearth my VirtualBox crashes :(

Should I use another VM ?

Gt403cyl - November 14, 2013, 12:23 am

(Nov 13, 2013 06:21 PM)Cryptium Wrote: [\[CITE\]](#) Everytime I restart my VirtualBox crashes :(Should I use another VM ?

Um, well that's a new problem for me, probably more suited in the VM forum:

<https://hackforums.net/forumdisplay.php?fid=165>

So every time you restart Windows? or restart your Virtual Box, or the OS installed on your VM?

I know there are people who prefer VMWare over Virtual Box, but I haven't had a problem yet so no reason to switch.

Sorry I can't really help with your question without more info, I would prefer not to go off topic if its a Virtual Box problem.

Asi????????an - November 14, 2013, 5:09 am

thank you for this :D verry help ful

Staufenberg - November 22, 2013, 5:01 am

i search long time this. big thanks mate.

Wolfz - November 22, 2013, 6:43 am

Thanks very much for great tutorial.

Gt403cyl - November 22, 2013, 6:57 am

Thanks for the appreciation guys, it means a lot!!

Wolfz - November 22, 2013, 7:17 am

(Nov 22, 2013 07:57 AM)Gt403cyl Wrote: [\[CITE\]](#) Thanks for the appreciation guys, it means a lot!! It work for you or not ?, it not work for me.

Gt403cyl - November 22, 2013, 7:30 am

(Nov 22, 2013 08:17 AM)ch1? TM Wrote: [\[CITE\]](#) It work for you or not ?, it not work for me. I'm not sure what your asking, this obviously worked for me I showed the screenshots..

young yachty - November 22, 2013, 8:29 am

I did this, works great. Thank you!

kersanttixz - January 5, 2014, 5:20 am

Good tut and pics! But after I installed this it keeps me telling I have no more free memory left. Pls help me ?

Gt403cyl - January 5, 2014, 8:34 am

Thanks Guys

(Jan 5, 2014 06:20 AM)kersanttixz Wrote: [\[CITE\]](#) Good tut and pics! But after I installed this it keeps me telling I have no more free memory left. Pls help me ?

Than you don't have a big enough Hard Drive or you set the Virtual hard drive too small.

Could also be your Ram, not enough to run both machines.

Sounds pretty simple.

kersanttixz - January 7, 2014, 7:13 am

(Jan 5, 2014 09:34 AM)Gt403cyl Wrote: [\[CITE\]](#) Thanks Guys

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Sounds pretty simple.

I reinstalled and set 50GB for backtrack, I guess it's enough :D

Gt403cyl - January 7, 2014, 7:25 am

(Jan 7, 2014 08:13 AM)kersanttixz Wrote: [\[CITE\]](#) I reinstalled and set 50GB for backtrack, I guess it's enough :D

Yeah, I usually set my VM's up with a minimum of 30GB now just so there's room to play.

TheSikkezT - January 7, 2014, 7:51 am

Very detailed. I am going to do this as soon as i have time! thanks

deahteamx - January 19, 2014, 6:14 am

thanks for this i try tomorrow :))))))

MrCortex - January 19, 2014, 6:30 am

Thanks for this in depth tutorial, really like this kind of stuff.

Keep up this good work :)

cyberducky - January 19, 2014, 6:33 am

Why even install backtrack 5? The latest version is Kali Linux.

Gt403cyl - January 19, 2014, 9:48 am

(Jan 19, 2014 05:19 AM)m0use Wrote: [\[CITE\]](#) Sorry if this is in the wrong thread guys, though it's completely related to this topic. I'm getting "This kernel requires an x86-64 CPU, but only detected an i686 CPU. Unable to boot - please use a kernel appropriate for your CPU." just after the terminal window.

I made sure to install the VirtualBox 4.3.6 for Windows hosts x86/amd64 when downloading at VM and upon closer inspection I'm not actually given an option to choose Ubuntu 64bit when prompted for the OS under the general tab in virtualbox.

I'm guessing as I haven't been given that option that's why I'm getting this error. Would anyone be able to nudge me in the right direction?

When you first click to make a new VM, for type choose Linux, for version Ubuntu (64) is there if that is what you need.

(Jan 19, 2014 07:33 AM)Abide Wrote: [\[CITE\]](#) Why even install backtrack 5? The latest version is Kali Linux.

I completely agree, when I made the tutorial there was not a whole lot of interest for Kali, if your installing Kali it is pretty much the exact same process.

Semen - January 19, 2014, 10:02 am

Great tutorial. Cut straight to the chase. Very simple to understand.

Thanks for this man.

hessure - January 19, 2014, 10:52 am

thank you this is a great help, beautiful works.

ricci07 - January 19, 2014, 11:12 am

Where do we get the image file for linux or backtrack? torrent?

Gt403cyl - January 19, 2014, 11:17 am

(Jan 19, 2014 12:12 PM)ricci07 Wrote: [\[CITE\]](#) Where do we get the image file for linux or backtrack? torrent?

I would question if you really need to be using this if you can't Google where to get it though.

You can download the image from:

<http://www.backtrack-linux.org/>

but I would really suggest Kali-Linux:

<http://www.kali.org/>

Installation is virtually identical.

Crashed - January 20, 2014, 4:00 am

Thanks for this tutorial. I really needed a pic by pic installation, as my prior installing was buggy.

CrypticTheKing - January 20, 2014, 12:18 pm

Thanks man this will help me out so much

Maggie - February 11, 2014, 7:14 am

Thanks its really works fine on mine :D

ImXen - February 11, 2014, 10:56 am

Good job on the Thread Bro. Very in depth (:

Gt403cyl - February 11, 2014, 12:29 pm

Thanks for the kind comments guys, I have busy with other things lately haven't had the time to work on new tutorials. Going to be working on a couple in the coming month.

Be?tray?ed - February 12, 2014, 5:42 am

Nice tutorial there man helped me out alot ;)

hendrikdebusser - March 4, 2014, 1:37 am

Very HQ tutorial thanks for this mate! ;-)

Ortek - April 8, 2014, 5:50 pm

Thanks for sharing this tutorial, i was just reading Alexanders thread and saw this one in addition....

Gt403cyl - April 8, 2014, 10:09 pm

Thanks a lot guys, Glad you like it!

rdbllnfr - April 9, 2014, 6:07 am

Good tutorial. But Backtrack is no longer available for download.

Gt403cyl - April 9, 2014, 8:10 am

(Apr 9, 2014 06:07 AM)rdbllnfr Wrote: [\[CITE\]](#) Good tutorial. But Backtrack is no longer available for download.

yeah, This was originally posted near the end of BT 5's lifetime, but for Kali Linux it is pretty much

the same process.

jkhippie - April 26, 2014, 4:24 pm

Here's a problem I can't find discussed on the forum (had to remove 'quiet' from the command line to even see it - otherwise I was just stuck on the logo screen). I have a HP 2000 notebook (AMD x64 1.3GHz) and I get a message - "...only found i686.." Couldn't find x86 or x64...? ? Any help would be appreciated.

Gt403cyl - April 26, 2014, 5:38 pm

(Apr 26, 2014 04:24 PM)jkhippie Wrote: [\[CITE\]](#) Here's a problem I can't find discussed on the forum (had to remove 'quiet' from the command line to even see it - otherwise I was just stuck on the logo screen). I have a HP 2000 notebook (AMD x64 1.3GHz) and I get a message - "...only found i686.." Couldn't find x86 or x64...? ? Any help would be appreciated.

First of all, "BackTrack 5 is OUTDATED and no longer supported – Downloads have been discontinued.

Please check the KALI LINUX project instead. "

<http://www.kali.org/>

The 64-bit download should work for you.

The guide is almost the exact same for Kali.

jkhippie - April 26, 2014, 6:46 pm

(Apr 26, 2014 05:38 PM)Gt403cyl Wrote: [\[CITE\]](#) First of all, "BackTrack 5 is OUTDATED and no longer supported – Downloads have been discontinued.

Please check the KALI LINUX project instead. "

Sorry, I should have said - I have Kali and I'm installing on V Box.

Gt403cyl - April 26, 2014, 7:56 pm

Ok well I am not sure about your issue but this is the 64bit .iso

<http://cdimage.kali.org/kali-latest/amd64/kali-linux-1.0.6-amd64.iso>

jkhippie - April 26, 2014, 8:58 pm

(Apr 26, 2014 07:56 PM)Gt403cyl Wrote: [\[CITE\]](#) Ok well I am not sure about your issue but this is the 64bit .iso

<http://cdimage.kali.org/kali-latest/amd64/kali-linux-1.0.6-amd64.iso>

Okay, I'll try that one. Thanks. I gotta sit at SubWay 2hrs to d/l on WiFi (it should be ~2.92GB?).

Never heard of the install misidentifying the CPU? I found that quite odd...for any platform/software combination.

Okay, the only thing I've found is that I need to select "Ubuntu 64bit" (or similar) and the list in VBox doesn't include any x64 options. Maybe there's another version of VBox I need? I have v 4.3.12 r93012.

tftoolz - April 27, 2014, 12:56 pm

Thanks for the tutorial man, high quality, good screenshots

Dirham - April 30, 2014, 5:10 pm

Backtrack is outdated and not supported anymore, that what the site is saying

Gt403cyl - April 30, 2014, 7:58 pm

(Apr 30, 2014 05:10 PM)Dirham Wrote: [\[CITE\]](#) Backtrack is outdated and not supported anymore, that what the site is saying

You are absolutely correct if you read the thread I do state this and BT has been renamed Kali Linux!

cantbeatme - May 26, 2014, 6:39 pm

(Apr 30, 2014 07:58 PM)Gt403cyl Wrote: [\[CITE\]](#) You are absolutely correct if you read the thread I do state this and BT has been renamed Kali Linux!

The kali linux downloads all give 404's

SmokeyBluntson - May 26, 2014, 6:42 pm

great tutorial, help a bunch and the pictures made this a lot less painful! thanks again

MoralsOrSurvival - May 26, 2014, 7:53 pm

thank you for the images they helped a lot

Gt403cyl - May 26, 2014, 10:21 pm

(May 26, 2014 06:39 PM)cantbeatme Wrote: [\[CITE\]](#) The kali linux downloads all give 404's

If you click the link I have provided for Backtrack the site gives you a link to the Kali site, which as I type this is working fine.

Thanks guys glad I could help you out.