

Forum:[Hack Forums](#)

Thread: [\[The Brotherhood\] How to identify a missing device and the drivers on Windows](#)

Aura - January 1, 2014, 8:59 pm

Hey guys, Yoan here AKA Aura ?

Today, I'll be bringing you the first tutorial of a serie that I intended to create a long time ago now. I'll be creating them under the Brotherhood tag as part of a member of the Brotherhood's Computing Division.

So in this tutorial, I'll show you how to identify a missing device's, peripheral's, hardware piece's, etc. drivers on Windows. This tutorial is good for Windows XP, Windows Vista, Windows 7, Windows 8 and Windows 8.1. I'll be using Windows 7 (French version, but you'll understand every steps, I guarentee you) for the pictures. You ready ? Okay, let's go !

First, we have to get into the Windows Device Manager. There's a few way to get there, but I'll show you the way I use, even if it's old school.

Click on the Start (Windows icon) button, then right-click on "Computer" and select "Properties".

Spoiler [\(Click to View\)](#)

Once in the System Window, on the left tab, click on the first option that requires Admin Rights (with the little shield), that should be "Device Manager".

Spoiler [\(Click to View\)](#)

This will open the Device Manager Window.

Spoiler [\(Click to View\)](#)

Now how do you know if you're missing drivers for a device, peripheral, hardware piece, etc. ? Simple, you'll have a line named "Unknown Devices" that will show an item icon with a yellow triangle that have an exclamation mark in it (!) on the bottom-right corner. This means that there is no drivers currently installed for that device. yet. (Because I don't have any unidentified devices on my computer, I took this picture from Google Images to show you how it will look like)

Spoiler [\(Click to View\)](#)

Now, how should we identify what is that missing device ? Simple. Right-click on that missing device icon and select "Properties", then go to the "Details" tab.

Spoiler ([Click to View](#))

See that drop-down menu ? Click on it and select the "Hardware Identification" option (it's usually the second option in the drop down menu). Here's what it should look like. A bit confusing no ? Don't worry, it's way more easier to read then what it seems. What we are looking for now is this line :

Spoiler ([Click to View](#))

More precisely, we want the 4 digits number that are associated with the VEN and the DEV lines. Why ? VEN = Vendor and DEV = Device. Vendor being the manufacturer of that device and the Device being obviously the name (model) of that device. Once we got that, what do we do ? Well, I'll show you a little website called [PCIDatabase](#). This website regroups all the Vendor IDs and Device IDs that are currently knowns. This is where, we will identify our missing device identity. You can either do a search with the Vendor ID or the Device ID. It's really up to you. In this guide, I'll do a search with the vendor's ID. I might add how to do it with the device's ID later on, but it's basically the same thing.

WARNING BIG PICTURE

Spoiler ([Click to View](#))

Let's start by the Vendor ID. Enter the 4 digits number by the VEN in the "Hardware Identification" details and click on "Search".

Spoiler ([Click to View](#))

In my case, the ID number I entered belong to NVIDIA. Which means, the unknown device is a NVIDIA device.

Spoiler ([Click to View](#))

Now let's see what happens when we click on it.

WARNING BIG PICTURE

Spoiler ([Click to View](#))

We're redirected to a page with all the devices (identified by the 4 digits numbers of the DEV line) associated with that Vendor. How do we find the EXACT device now ? Simple, press Ctrl + F in your browser to prompt the search box, and enter the 4 digits associated with the DEV line. If that device number exist for that vendor, you should find it (For the needs of this tutorial, I took a DEV number that actually returns the kind of result I'm explaining here)

Spoiler ([Click to View](#))

From there in the "General Information" columns, you'll get the name (model) of the device, peripheral, etc. as well as a link to download the drivers required for it. From there, I just suggest you to go on your device's manufacturer website in their drivers page, and look for the latest official drivers available for your peripheral.

Et voilà ! You just identified your unknown device and you're ready to download the drivers required for it to work !

I know this tutorial is REALLY ugly. No formatting, no presentation, nothing. I wrote it around midnight, because I felt like it. I'll add all this shortly, please be patient. The important, is that you understand everything I explain in it. Thank you.

All the credits goes to [Corso](#), who taught me that method. Thank you, Mentor.

Corso - January 2, 2014, 7:08 am

(Jan 1, 2014 09:59 PM)Aur? Wrote: [\[CITE\]](#) All the credits goes to [GRIm](#), who taught me that method. Thank you, Mentor.Aw how sweet, I remember teaching you this lol. What fun that was, it's such a great technique and works more often than not.

CertonC - January 2, 2014, 7:23 am

Hey, good job for taking the time sharing it.

Ombra - January 2, 2014, 7:32 am

A great thread made by a great user :3

Aura - January 2, 2014, 2:26 pm

(Jan 2, 2014 08:08 AM)GRIm Wrote: [\[CITE\]](#) Aw how sweet, I remember teaching you this lol. What fun that was, it's such a great technique and works more often than not.

Yes, I use it so often here to help out people with their missing drivers, it's crazy ? I should add in the OP a section where I would warn against third-party softwares for drivers handling.

(Jan 2, 2014 08:32 AM)KingOfHunt3rs Wrote: [\[CITE\]](#) A great thread made by a great user :3
Hehe thank you mate ?

Weebex - January 6, 2014, 6:35 pm

Aura, you make the best tutorials here, (you deserve the white hat award)

Aura - January 6, 2014, 6:38 pm

(Jan 6, 2014 07:35 PM)BlueTigerSlayer Wrote: [\[CITE\]](#) Aura, you make the best tutorials here, (you deserve the white hat award)

Haha, I wish ! ?

One day maybe. I'm still only an apprentice White Hat Hacker, still being mentored. Also, I have a lot to do to clean the Windows section and White Hat Help section before even catching the attention of the MRT, the Staff and Omni. ?

Im gone brah - January 7, 2014, 5:38 am

Quote:All the credits goes to GRIm, who taught me that method. Thank you, Mentor.
Corso you noob, we gotta talk. Long time no see.

Pickles12 - January 7, 2014, 6:19 pm

Very in-depth tutorial Aura. Good work! ?

Aura - January 23, 2014, 2:21 pm

(Jan 7, 2014 07:19 PM)Pickles12 Wrote: [\[CITE\]](#) Very in-depth tutorial Aura. Good work! ?

Thank you baby ? <3

You know how ward I worked on it ?

En1gma - January 23, 2014, 2:43 pm

Great tutorial Aura! I will definitely refer people to this.

Aura - January 23, 2014, 2:44 pm

(Jan 23, 2014 03:43 PM)En1gma Wrote: [\[CITE\]](#) Great tutorial Aura! I will definitely refer people to this.

Thank you ?

This tutorial and my other tutorial on how to install Windows 7 are probably the tutorials I link the most to the people asking help here ?

deeprybka2020 - January 23, 2014, 4:14 pm

thnks aura for this tutorial. but if you doing the same steps (like in my problem)in unknow device. you will not get the same result in the value (me i get USB/UNKNOW instead of DEV and VEN)

Aura - January 23, 2014, 4:15 pm

(Jan 23, 2014 05:14 PM)deeprybka2020 Wrote: [\[CITE\]](#) thnks aura for this tutorial. but if you doing the same steps (like in my problem)in unknow device. you will not get the same result in the value (me i get USB/UNKNOW instead of DEV and VEN)

Because I think your USB might be broken, that's why. If the hardware or peripheral is damaged, I guess it just won't work. If it's simple unidentified because the drivers are not installed, then it will work.

deeprybka2020 - January 23, 2014, 4:29 pm

(Jan 23, 2014 05:15 PM)Aur? Wrote: [\[CITE\]](#) Because I think your USB might be broken, that's why. If the hardware or peripheral is damaged, I guess it just won't work. If it's simple unidentified because the drivers are not installed, then it will work.

:(i think that . anyway hard work brother . and thanks for all. you make this section more active

Aura - January 23, 2014, 4:30 pm

(Jan 23, 2014 05:29 PM)deeprybka2020 Wrote: [\[CITE\]](#) :(i think that . anyway hard work brother . and thanks for all. you make this section more active

Trying ?

We have to transform that section in a real "Technical Support" section with all these people breaking their Windows with nothing while playing with their hacking tools, haha !

Null Byte - January 28, 2014, 4:29 pm

Fantastic job. And yeah, Corso is a fuckin genius.

Corso - January 28, 2014, 4:31 pm

(Jan 28, 2014 05:29 PM)DogeCoin Wrote: [\[CITE\]](#) Fantastic job. And yeah, Corso is a fuckin genius. Vouch! Though... I am only vouching because I like the word 'fuck' used in any way :P Favorite root word in the world. By no means am I a genius lol

Aura - January 28, 2014, 4:40 pm

(Jan 28, 2014 05:31 PM)Corso Wrote: [\[CITE\]](#) Vouch! Though... I am only vouching because I like the word 'fuck' used in any way :P Favorite root word in the world. By no means am I a genius lol
I know a lot of your favorite words ... want me to list them ? ?

Hottmess2014 - March 25, 2014, 4:34 pm

(Jan 1, 2014 09:59 PM)Aur? Wrote: [\[CITE\]](#)

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All the credits goes to [Corso](#), who taught me that method. Thank you, Mentor.

So I have done exactly as you posted and it still says "this device cannot start" Code10 What now?

Aura - March 25, 2014, 4:36 pm

(Mar 25, 2014 04:34 PM)Hottmess2014 Wrote: [\[CITE\]](#) So I have done exactly as you posted and it still says "this device cannot start" Code10 What now?

Can you post your device VEN and DEV Ids please ?

Null Byte - May 25, 2014, 2:46 pm

Just used this guide today on my own PC, worked like a charm. Thanks Aura!

Cyber Saint - May 25, 2014, 3:29 pm

(May 25, 2014 02:46 PM)Null Byte Wrote: [\[CITE\]](#) Just used this guide today on my own PC, worked like a charm. Thanks Aura!

Just goes to show you that even rather old tutorials are useful. Didn't even know this thread existed and needed help with this specifically so thank you for ing this thread,

Aura - May 25, 2014, 4:33 pm

(May 25, 2014 02:46 PM)Null Byte Wrote: [\[CITE\]](#) Just used this guide today on my own PC, worked like a charm. Thanks Aura!

Null, you didn't know about this ? It's like my first tutorial ever on HF ?

C4D-SK - May 25, 2014, 8:13 pm

Very in-depth tutorial Aura. Good work!

Aura - May 26, 2014, 7:15 pm

(May 25, 2014 08:13 PM)C4D-SK Wrote: [\[CITE\]](#) Very in-depth tutorial Aura. Good work!

Thank you buddy glad that you like it ?

I might revamp it a bit soon.

cyberducky - May 26, 2014, 7:16 pm

Another stunning guide from Aura. Good job man.

Aura - May 26, 2014, 7:17 pm

(May 26, 2014 07:16 PM)Abide Wrote: [\[CITE\]](#) Another stunning guide from Aura. Good job man.

This was actually my first tutorial ever on HF ?

It's just that my tutorials are not the ones that get all the attention and gets 10-20 pages of comments you know.

Homeland. - May 27, 2014, 9:26 am

Thank you for this tutorial. I ended up finding out that I didn't have any USB 3.0 drivers or the Intel Chipset Family.

The GRim - May 27, 2014, 9:27 am

Good tutorial but who doesn't know all these already?

Aura - May 27, 2014, 9:29 am

(May 27, 2014 09:27 AM)The GRim Wrote: [\[CITE\]](#) Good tutorial but who doesn't know all these already?

A lot of people don't.

That's why I made this tutorial, so they can learn how to do it manually instead of using these broken third-party softwares like SlimDrivers that just causes issues.

Pretty much all my tutorials are "simple" for one reason : most of the members on HackForums LACK the BASIC knowledge of Windows and how to use it and then they want to get into hacking, malwares removal, etc. but they can't even find a driver and install it. That's why I wrote this one.

Aquilaane - August 9, 2014, 7:58 pm

Cheers to Aura. Thanks for this amazing guide.

Worked like a charm.

?

Aura - August 9, 2014, 8:12 pm

(Aug 9, 2014 07:58 PM)Aquilaane Wrote: [\[CITE\]](#) Cheers to Aura. Thanks for this amazing guide.

Worked like a charm.

?

No problem buddy, my pleasure ?
Enjoy your new installation !