

Re: Removeable USB Drive Shows Up As Disconnected Network Drive

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2005-02/1735.html>

From: Jeff Qiu [MSFT] (jeffqiu_at_online.microsoft.com)

Date: 02/10/05

Date: Thu, 10 Feb 2005 06:39:58 GMT

Hi JE,

Based on my test, I have reproduce the problem.

Here is what I have done and how I fixed the situation after it.

1. Map your the first available driver letter to a network share.

for example, your driver letter lasts to d:, then we create a mapped driver
E: to \\server\share

2. Stop the original file share \\server\share

Now, when try to access the E:, we will get a disconnected network share.

NOTE: we do not attempted to disconnect it here.

3. Plug in the USB flash drive.

By default, the USB flash drive will be installed on the first available drive letter that is E: here.

>From Windows Explorer, you will see nothing changed or added.

4. Type diskmgmt.msc from Start > Run and you will see the new plugged in USB flash disk installed as driver E: – a removable drive. But I cannot explorer here. You may change drive letter here to show it.

5. Try to disconnect that E: from Windows Explorer, you will get an error. Something failed.

NOTE: I have also tested that if we do the disconnect at step 2, it will work correctly.

For Now, even if we restore the share or unplug the USB flash drive, the E: refused to be disconnected.

What I have tried to fix it is as the following:

- a. Unplug the USB disk.
- b. Reshare the original share folder.
- c. Go to map driver from Explorer again.
- d. Create the map on E: to that \\server\share again.
- e. Now, you can disconnect this E:.
- f. Everything should be fine again.

I believe this is an issue with disconnected network share and USB device. I will add it to our internal database. However, since it is not a high business impacted issue, a fix is not going to be released very soon. I will try to monitor it and update here as soon as possible.

Best Regards,

Jeff Qiu
Microsoft Online Partner Support
MCSE 2k/2k3, MCSA 2k/2k3, MCDBA
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>Thread-Topic: Removeable USB Drive Shows Up As Disconnected Network Drive
>thread-index: AcUOsybdm+PUczGvTHi1yRoZDj+n0w==
>X-WBNR-Posting-Host: 24.207.194.230
>From: =?Utf-8?B?amU3Mzg?=<Jeff7383@anon.postalias>
>Subject: Re: Removeable USB Drive Shows Up As Disconnected Network Drive
>Date: Wed, 9 Feb 2005 06:25:06 -0800
>microsoft.public.windowsxp.hardware
>
>The icon that I'm referring to is it's representation in My Computer or Explorer.
>And yes, you'd think that either the drive is connected or disconnected, but
>that's not the case in this situation, there in lies my problem.
>
>The description in My Computer says that drive E is a disconnected network drive, but I can access the LOCAL card reader just by clicking on the drive E
>icon. When I create a shortcut to the drive on the desktop, everything comes
>up the way it should, i.e. it displays as a removeable drive with the correct
>icon associated with it. That is , it shows up correctly on the desktop, but

>still shows up as a disconnected network drive, with the network drive icon

>type and description, in explorer and My Computer.

>

>Other than displaying incorrectly in Explorer / My Computer and not

>automatically opening when inserted, everything appears the way it should.

I

>can access all of the files on the drive, it shows up correctly in the

Safely

>Remove Hardware dialog box, it is identified correctly when I look at the

>power tab of the root hub, and otherwise works as it should.

>

>It just shows the wrong description and type in My Computer / Explorer,

and

>the drive does not go away when it is removed. The mapping for E: still

>appears in My Computer / Explorer as a disconnected network drive.

>

>Sorry for the confusion.

>

>JE

>

>"Trent)" wrote:

>

>> On Tue, 8 Feb 2005 14:21:02 -0800, je7383 <Jeff7383@anon.postalias>

>> wrote:

>>

>> >I have a client running Windows XP SP1 who, could not see a USB compact flash

>> >reader, or so they thought.

>> >

>> >Upon closer examination I determined that Drive E: appears as a network

>> >drive in My Computer with a type of Disconnected Network Drive. I tried

to

>> >disconnect drive E:, but was unable to.

>>

>> I'm not sure I understand what yer sayin'. What do you mean you tried

>> to 'disconnect'. It should be either disconnected...or not.

>>

>> Did you get an icon on the taskbar to 'safely remove hardware'?

>>

>> >I also found that when I attached the reader, I was able to access it's

>> >contents through the disconnected network drive entry, but the type and

>> >description didn't change. I was able to change the description, but

the type

>> >stays the same, it never changes to removeable media.

>>

>> >Because it's not recognized as removeable, the icon / mapping to E:

doesn't

>> >go away when the device is removed, and the autoplay feature doesn't

work.

>>

microsoft.public.windowsxp.hardware: Re: Removeable USB Drive Shows Up As Disconnected Network Drive

>> *Where is this icon you speak of?*

>>

>> *>What I would like to be able to do is correct it so that the drive is*

>> *>recognized appropriately, and that it opens whenever it is detected.*

>>

>> *I've never seen that happen with a card reader. It simply gets*

>> *installed as any other IDE device. When you want to access, you need*

>> *to go to it...and click on it.*

>>

>>

>> *Have a nice one...*

>>

>> *Trent*

>>

>> *Budweiser: Helping ugly people have sex since 1876!*

>>

>>

>