

Re: Does anyone know how Windows XPe enumerates network adapters?

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Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.embedded/2005-09/msg00056.html>

- *From:* "KM" <konstmor@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 1 Sep 2005 13:28:46 -0700
-

Mark,

You may also want to take a look at SetupDiEnumDeviceInterfaces

(http://msdn.microsoft.com/library/default.asp?url=/library/en-us/install/hh/install/di-rtms_1fd59eb7-0934-4747-9a0)

It is basically used by NDIS (IOCTL_NDIS_QUERY_GLOBAL_STATS) and others to enumerate the GUID_NDIS_LAN_CLASS device interfaces on Win2k and later versions.

I suppose you could write your own little app to see how the interfaces get enumerated and then you get more info about the issue on your devices.

--

Regards,
KM

> Good idea. I'll check. But, I suspect its something else. On the same machine, 'new' hardware is sometimes detected when the

> machine is powered on, but sometimes 'existing' hardware is found. 'Existing' hardware is always found when restarting the

> machine,

>

> --

> Regards.

> Mark K Vallevand Mark.Vallevand@xxxxxxxxxxx

>

> Beer is living proof that God loves us and wants us to be happy.

> - Benjamin Franklin

>

>

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Re: Does anyone know how Windows XPe enumerates network adapters?

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> <dferencz@xxxxxxxx> wrote in message
news:1125332955.418783.217140@xx
>> Mark,
>>
>> An XPe build may re-install a PCI device driver if your cloned hardware
>> has a different revision device than your FBA hardware. (I've had this
>> happen with display adapters, wreaking havoc with my settings). Check
>> your Setupapi.log -- it will contain the original device install
>> (during FBA) and possibly a second install. Check the device revision
>> at the end of the PCI device identifier string (e.g.,
>> "ven_10de&dev_0181&subsyst_00000000&rev_a2").
>>
>> I'm not sure what the correct solution would be for network devices.
>> Disabling PnP might work; I needed to keep PnP active, so I created a
>> service which resets my video settings at every boot (and thus fixes
>> things if PnP decides to reinstall.) You might be able to craft a
>> similar solution. A more obvious solution would be to use the same
>> hardware rev in FBA...
>>
>> -- Don
>>
>
>

• *Follow-Ups:*

◆ *Re: Does anyone know how Windows XPe enumerates network adapters?*

◇ *From:* Mark K Vallevand

• Prev by Date: *Re: Date/Time control panel*

• Next by Date: *Re: WEPOS*

• Previous by thread: *DUAgent - Poll networked shared drive*

• Next by thread: *Re: Does anyone know how Windows XPe enumerates network adapters?*

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