

Is there a maximum number of Network Filter Drivers in Windows 7?

Search Windows 7 Networking F

Ask a question



Rocketeer007

5

Thursday, April 08, 2010 7:50 AM

1

Sign In to Vote

I recently tried to install Windows XP Mode on my Windows 7 laptop, and experienced a number of failures...

According to a post elsewhere on this forum (<http://social.technet.microsoft.com/Forums/en-GB/w7itprovirt/thread/00c74bd9-da7b-4acb-ae5a-7112377bc7e2>), one of the possible causes of this is if the maximum number of network filter drivers is installed - from Thayu:

"From your logs, the error is 0x8004a029, which basically indicates that the maximum number of network filter drivers has been reached. Could you uninstall any other network filter driver that you think is not necessary and try installing VPC again?"

So, I uninstalled Cisco VPN, and retried the XP Mode installation, which now worked... However, I am now unable to re-install Cisco VPN - presumably for the same reason...

The software I have installed that seems relevant is:

- Symantec Endpoint Security
- Checkpoint VPN-1 SecureClient
- Microsoft Virtual PC 2007 (XP Mode)

So, am I right in thinking the maximum number of network filter drivers in Windows 7 is 3?? Is this configurable??

This is a really worrying limit for me, as I have a number of customers that I have to be able to connect to, requiring both CheckPoint and Cisco VPN software to be installed... I also require XP Mode to connect by VPN to legacy clients that don't support the MS-CHAP2 protocol, and I'd be stupid to run without Anti-virus...

Any suggestions?

Nick

Reply

Quote

Answers



Novak Wu

Moderator

4,870

Wednesday, April 14, 2010 6:51 AM

2

Sign In to Vote

Hi,

Based on my research, I would like to answer you that the maximum number of network filter drivers in Windows 7 is 14. However, it is hard coded to allow 14 filter drivers. By default, the number is 8. To view the number or modify the number, please access the following registry key:

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Network\MaxNumFilters

Usually, the network filter drivers are listed in the Network Connection's Properties. Also, it can be located by some third party programs, such as antivirus program.

Thanks,
Novak

Marked As Answer by **Novak Wu** Moderator Monday, April 19, 2010 6:27 AM

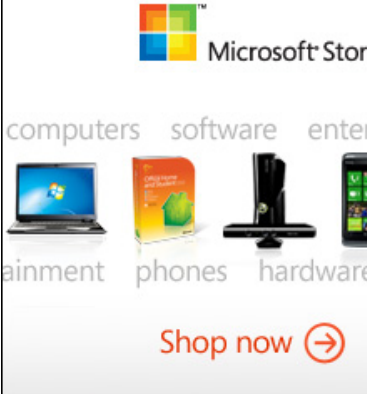
Need Help with Forums? (FAQ)

My Forum Links

Sign In To Forums

Forums Home

Browse Forums Users



Related Topics

= Unanswered = Answered

- [VPC and Windows XP Mode installation KB958559 fails to configure in Window Professional](#)
- [Windows 7 virtual PC Host physical address available for ...](#)
- [Windows Server 2008 using GPO to manage drives](#)
- [How much memory can Windows 7 32-bit Windows 7 wireless "attempting to auto Virtual PC and McAfee in Conflict on Windows Ultimate 64](#)
- [Memory, DPC and Wattage: comparison \(vs XP\)](#)
- [onboard asus k8v-mx motherboard using problems](#)
- [Does anyone has problems with crashing Windows 7 Ultimate?](#)

Statistics

Started: 4/8/2010

Last Reply: 2/2/2011

Helpful Votes: 3

Replies: 2

Views: 7,821

[Reply](#)[Quote](#)

All Replies

**Novak Wu**
Moderator

4,870

Wednesday, April 14, 2010 6:51 AM

2

[Sign In to
Vote](#)

Hi,

Based on my research, I would like to answer you that the maximum number of network filter drivers in Windows 7 is 14. However, it is hard coded to allow 14 filter drivers. By default, the number is 8. To view the number or modify the number, please access the following registry key:

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Network\MaxNumFilters

Usually, the network filter drivers are listed in the Network Connection's Properties. Also, it can be located by some third party programs, such as antivirus program.

Thanks,
Novak

Marked As Answer by **Novak Wu** Moderator Monday, April 19, 2010 6:27 AM

[Reply](#)[Quote](#)**grumpyhasenet**

0

Wednesday, February 02, 2011 11:36 PM

0

[Sign In to
Vote](#)

Novak - I am not finding this key on my laptop. What may be the reasons?

[Reply](#)[Quote](#)