

RE: Cannot connect computer to domain

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-05/msg04841.html>

- *From:* Network Security Solutions <pompura@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 28 May 2006 03:16:01 -0700
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Agree as well. Problem is confined to the network adapters. You mentioned the kaywaord laptop, so it appears to be a conflict resolution based on selecting which adapter and mode you are working with; wireless or cable.

I know of one laptop with wireless enabled, and was hard wired up to an access point as well, and the thing simply went bananas trying to switch back and forth to wireless mode. Problem was both adapters were enabled.

I'm not a personal fan of laptops. This particular model had a fresh battery life of a little over an hour, necessitating hooking it up to a 120v power source to keep the thing alive while working on it. There goes the basic ideology of the benefits of mobility using a laptop. I failt to see the benefit is you have only an hours or so to work in wireless mode before recharge – so you almost always near some wall outlet someplace, and that might as well be a CAT-5/6 cable hardwired to a router in my view.

1 to 1.5 hours of mobility just doesn't justify the cost of those things. Plus, if you have ever noticed, they do tend to get a little HOT on the bottom; and the FDA has made a few comments regarding male users placing these hot laptops on their laps near their prized "jewels" for extended period of time. Evidently it does things to the male reproductive system that aren't positive.

Getting off on a tangent just a tad, the other safety and health aspect of wireless equipment is thoroughly being investigated by several sources. They all use either tha same 2.4GHZ band as cell phones and posticle house phones, or 5GHZ. We are all aware by now of unsubstantiated cases of brain tumeors developing on the same sides of the heads of heavy cell phone users which they place to their ear. I'm not so happy about having a wireless access point near my person which is on 24/7/365 emitting the same microwave energy. Cell phone users call, talk, and hang up. Access points stay on continuously. Then there are these power and range extenders for these devices. Not sure how you feel, but I definitely could do without the 1 hour "wireless freedom" of a laptop, as opposed to the health risks involved being nearing electromagnetic madiation in the microwave band for extended periods of time.

You can disable the ethernet cable adapter, and use the wireless function

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(for whatever length of battery life you have, which may solve your problem short term, not to mention the extreme short range 50–100–150 feet of usable distance before the signal fades to unusable levels – barring any solid metallic structure interfering with your radio signal reception. Just keep the thing off your laptop off your lap (heat).

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Mike
Network Security Solutions

"Chris" wrote:

I've got a brand new laptop that I'm trying to connect to SBS using the ConnectComputer wizard. I get this error: "Make sure that only one network adapter is enabled and that it is connected to the Small Business Server".

The laptop is in fact connected to the SBS server. The server has two NICs and serves as the gateway to the Internet. It is also the DHCP server. The laptop can successfully surf the web through the SBS box and successfully got an IP from the DHCP server.

I've seen this error elsewhere in the newsgroup, but no fixes. I have disabled the wireless adapter. I got the error above before any bluetooth drivers were installed, so I installed them and then disabled bluetooth completely. Same error.

The details:

Dell Precision M90, running Windows XP Pro SP2. Plain vanilla; I have installed no software on it since I took it out of the box and ran through the startup.

SBS 2003, SP1, all patches applied

SBSNetSetup.log on the laptop:

— Starting SBS Net Setup —

CheckPreInstall() – can't run with none or more than one enabled NICs

Here's my ipconfig /all dump. (I substituted MyDomain for our actual domain name). 192.168.16.2 is the IP of the SBS server.

Windows IP Configuration

Host Name : lincoln
Primary Dns Suffix :
Node Type : Hybrid
IP Routing Enabled. : No
WINS Proxy Enabled. : No
DNS Suffix Search List. : MyDomain.local

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Connection-specific DNS Suffix . : MyDomain.local
Description : Broadcom NetXtreme 57xx Gigabit
Controller
Physical Address. : 00-14-22-F8-FF-CE
Dhcp Enabled. : Yes
Autoconfiguration Enabled : Yes
IP Address. : 192.168.16.10
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.16.2
DHCP Server : 192.168.16.2
DNS Servers : 192.168.16.2
Primary WINS Server : 192.168.16.2
Lease Obtained. : Friday, May 26, 2006 2:41:53 PM
Lease Expires : Saturday, June 03, 2006 2:41:53
PM

Ethernet adapter Wireless Network Connection:

Media State : Media disconnected
Description : Intel(R) PRO/Wireless 3945ABG
Network Connection
Physical Address. : 00-13-02-5B-5B-DA