

## Re: PPPoE and ADSL problem (1 solution)

**Source:** <http://linux.derkeiler.com/Newsgroups/comp.os.linux.networking/2003-12/0172.html>

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**Date:** 12/03/03

Date: 3 Dec 2003 21:31:18 GMT

I'll answer for my part. More stuff on the reply of the earlier branch.

>> *I obviously did not make my msg understandable. Either Win or Linux boot  
>> and run perfectly from a coldstart. This would seem to rule out a  
>> configuration problem on either side. BUT, if you first boot into Win and  
>> subsequently wish to launch Linux, selecting "ReStart" rather than  
>> "Shutdown" in Win results in Linux being unable to init the NIC properly.  
>> At that point, /sbin/ifconfig shows the NIC with a valid (static in this  
>> case) IP, route -n returns the expected values, BUT communication via the  
>> NIC is impossible. Everything results in a "network unreachable" error.*  
>>  
>> *Doing a shutdown/coldstart sequence either between the Win -> Linux change  
>> or once Linux is as described above is the only thing I have found to  
>> prevent/correct the problem.*  
>>  
>> *JW*  
>>

> *There appear to be solutions to closely related problems in which  
> modem, nic, and audio drivers do not resume. A script deactivates  
> these devices before the machine enters (windows) hibernation.*

Where? You represented earlier a script that works for Solaris. I'd like  
try out the win-scripts. Or rather, I'd like to have a script / setup that  
prevents windows messing with the eth card on hibernate.

> *I've also read from a laptop dual boot using hibernation:  
> Windows 2000 Professional SP2 SuSE Linux Professional 7.2:  
> LILO must not be installed into the MBR, install it onto your boot  
> partition.*

> *Win Xp pro has a boot loader. Are you using that? I imagine lilo and grub  
> work about the same; so do you and Tero both use lilo/grub loaded on the  
> MBR? I am looking for things in common, not too hard to change.*

I've tried both.

... 8< ... 8< ...

- > *That is why I think this situation is rather curious. Also I cant find any*
- > *posts on google news or AltaVista search which mention this condition.*
- > *Dual boots of linux and windows xp are common on laptops which*
- > *often use hibernation. One can find very rare problems on Google.*
- > *A common environment like this, if it is a shared problem (bug) rather*
- > *than a user misconfiguration, ought to have generated quite a few posts.*
- > *Even allowing for some filtering due to 'hibernation is not seen as a*
- > *probable cause' (even though there are plenty of hibernation error reports)*
- > *does not explain why there are no duplicates of this problem posted.*
- > *If this problem is reproducible then it is not possible for this to be a*
- > *rarely experienced, thus unposted problem, because there are too many*
- > *dual boot laptops, linux/windows, that use hibernation (disk). Also linux*
- > *is still struggling to provide support for the new protocol, ACPI. That is*
- > *the problem with computers, there are so many things that can go wrong*
- > *caused by apparently unrelated reasons. And different distros work*
- > *differently with different areas performing below par. Perhaps you and*
- > *Tero should compare a detailed comparison of physical hardware and*
- > *brand of linux used. I mean it could possibly be you both use Corel with*
- > *the same kind of Nic card that has problems with that distro, for instance.*
- > *If there is a rare combination match, it would explain why most people*
- > *don't experience or see fit to publish their experiences similar to yours,*
- > *because it doesn't come up with more commonly used environments.*

Check out the post on the other branch.

Plus: No, I tried Mandrake 9.1,  
9.2 and Fedora core (as I said, I was updating, just checked out fedora to  
verify the problem to be the same). Thank god installing these distros is  
a lot faster than installing windows.

Why are you insisting it is not a win problem, you don't happen to be a  
MCxx? :^)

- Tero

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