

Re: Selling my soul to the devil is the next step...

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- *From:* Chuck <none@xxxxxxxxxxxx>
 - *Date:* Fri, 18 Aug 2006 08:48:22 -0700
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On Thu, 17 Aug 2006 20:23:09 +0100, Dr Teeth <no.email.here.please@xxxxxxxxxxxx> wrote:

I was just thinking how wonderful life was, when Chuck <none@xxxxxxxxxxxx> opened his gob and said:

But you could provide us CDiag log for Laptop, instead of for TARDIS_2 twice.

I wondered when I'd get caught out with that one! here's CDiag log for Laptop:-

<SNIP>

Hope it helps.

Thanks.

That it does. The problem – and it's symmetrical – is between LAPTOP and TARDIS_2. Neither can access the other, in any of 4 tests each. Look at CDiag for LAPTOP, Target TARDIS_2. Look at CDiag for TARDIS_2, Target LAPTOP.

- # Ping by name. Name resolution problem.
- # Net View by name. No display (you'll probably see errors in the command window).
- # Ping by IP address. Request times out.
- # Net View by IP address. No display (you'll probably see errors in the command window).

With pings being blocked, both ways, this points to either a physical (cabling / router) or logical (firewall) problem. Let's test logically, and do this very methodically please. Read thru instructions first.

1) Swap router ports for 2 cables – say NUMBER_1 and LAPTOP. See if the problem

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moves.

- 2) Swap router ports for NUMBER_1 and LAPTOP back, then swap NUMBER_1 and TARDIS_2. See if the problem moves.
- 3) Swap router ports for NUMBER_1 and TARDIS_2 back, then swap Ethernet cables between NUMBER_1 and LAPTOP. See if the problem moves.
- 4) Swap Ethernet cables for NUMBER_1 and LAPTOP back, then swap NUMBER_1 and TARDIS_2. See if the problem moves.

Tests 1 – 4 will identify either a router port or Ethernet cable as the problem. If no changes are observed from any of the 4 tests, then the problem will be a firewall. Or possibly a LSP / Winsock problem, but with the symmetry, I don't believe that.

If it's a firewall, we'll think of some more tests. Just do this very deliberately.

And your testing, as you swap cables and / or router ports, can be very simple.

From Tardis_2, open one command window, and type "ping -t 192.168.1.3" (Ping Laptop by IP address). Then open a second command window, and type "ping -t 192.168.1.4" (Ping Number_1 by IP address). Do the same for the other two computers, but differing targets. The "ping -t" will ping continuously, and you won't have to restart anything. See instantly when you make a change that makes the problem move.

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Cheers,

Chuck, MS-MVP [Windows – Networking]

<http://nitecruZR.blogspot.com/>

Paranoia is not a problem, when it's a normal response from experience.

My email is AT DOT

actual address pchuck mvps org.

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