

Re: dsn will not resolve address when sing cell modem

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2008-07/msg00244.html>

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 - *Date:* Fri, 18 Jul 2008 13:09:43 -0500
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"Jeff" <Jeff@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:FF828A12-E15B-458A-9A36-A849AD4FEF73@xxxxxxxxxxxxxxxxxxx>

I think I might not have been clear on the situation.
Before joining the domain (Computer Assigned to workgroup = Temp) The
Computer can use either the Wireless, Cell , or Network (Hardwired)
connections.

It doesn't matter. Workgroups don't depend on DNS to function so you just
do "see" the problem the same way,...that doesn't mean the problem isn't
there. Domains and Workgroups are "administration entities",...but I am
talking about network infrastructure,...two entirely different things.

The computer will use the DNS server that is supplied by any of
the connection.

Nslookup uses the dns supplied by the connection for it settings.

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when you are not connected to the Domain. This is the case even if you
look

at Ipconfig/all and see that the cell or wireless has correct dns settings
for that connection. Also if you type the ip address into ping or to the

IPConfig is mostly irrelevant here. IPConfig only shows you the config of
the Nics,...it does not show you nor signify *how* the OS makes use of those
settings nor how it makes its logical choices when things conflict (like two
conflicting DNS settings on two nics). When a machine has two nics you have
two choices for DNS,...1. Make the DNS Setting the same on both,...or 2.
Leave the DNS blank on one of them. By the nature of what you have you
cannot do either of those two

The bottom line is that you cannot have a machine on a LAN with an Ethernet

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nic (wired or wireless) and at the same time enable and run a DHCP enabled Cell Dialup card (and leave it up) and expect things to dependably work the way they are supposed to. It just ain't gonna happen. The Cell Dialup Nic is for running *only* when the machine is not connected to anything else,...or it can be used *breifly* while on the LAN as long as a possible LAN disruption with that one machine during the short period isn't a problem and can be lived with.

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The views expressed, are my own and not those of my employer, or Microsoft, or anyone else associated with me, including my cats.

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