

Re: Cannot join to domain over VPN

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-06/msg01133

- *From:* "Herb Martin" <news@xxxxxxxxxxxxxxxx>
 - *Date:* Sat, 23 Jun 2007 14:51:33 -0500
-

"maverick" <maverick@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:30173848-C803-46A3-B057-6AD18137F2FE@xxxxxxxxxxxxxxxx

DNS, Ping everything is fine...all boiled down to this...article
support.microsoft.com/kb/314825

First time in ages that I have heard of anyone having a problem with a low MTU on intermediate routers.

What was the MTU?
(Decrease the -I VALUE until you reach the threshold.)

Who owns the router? Tracert and Pathping might help with this.

Track down that beast and see if you can get the owner of it to fix it.

Or get your ISP to route around this.

Now I can join to the domain...but the replication fails all the time...its not able to replicate the full domain.Many objects are missing.. The full replication cycle is always left unfinished.

You would have to change ALL of the machines that communicate directly over this path. At a minimum your VPN routers.

—
Herb Martin, MCSE, MVP
<http://www.LearnQuick.Com>
(phone on web site)

Re: Cannot join to domain over VPN

"Herb Martin" wrote:

"maverick" <maverick@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:FEF10069-EE57-4876-AAEF-60E38D806AB4@xxxxxxxxxxxxxxxxxxxx

Hi All,

I have 2 Sites which are connected by VPN.I tried to install a
DC at
site2,
and this machie which needs to point its DNS to the DC in
Site1 is
correct
and pings and resolves fine.When I try to join this machine
to the
domain,
it doesnt do it and comes up with 'Semaphore timeout'.

If the VPN is unfiltered, and the DNS is correct, the only think left is
reliability and speed & delay (latency). If you get these right then it
is just like being on the same LAN.

You seem to have a message suggesting timing problems (but sometimes
those come from failures too.)

I had a word with the network guy who confirmd that all
ports are wide
open, so shouldnt be a port/firewall
problem(clean portquery)..Changing MTU size and stuff also
proved
futile.What do i do to get this to work?
Can somebody shed some light please?

Do you have ONLY the DOMAIN's DNS servers set it in the "new DC to
be" IP configuration? You must NOT mix the ISP or any other DNS server
into that list, even as alternate.

Show us your unedited "IPConfig /all" from both DC1 and DC2.

Try pathping to see what sort of timing issue you might have.

Try NSLookup and make sure you are resolving DNS from the (current) DC.

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Herb Martin, MCSE, MVP
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