

## RE: Slow AD logon from remote offices .....

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2006-03/msg00012](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-03/msg00012)

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- *From:* "Popeye32" <[Popeye32@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Popeye32@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 28 Feb 2006 15:45:30 -0800
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nslookup domain.whatever.com

Example nslookup us.microsoft.com if you were on a member machine of the us.microsoft.com domain (not saying there is such a domain :-) )

Look in your Wins Database and filter for WINS records for the domain (again with us.microsoft.com example)

Should see several type of records in wins and see the same results in both US and UK side assuming they are all using same wins and DNS servers and DNS suffix list.

"Mugen" wrote:

Hi,

I will remove the host and lmhosts file to test.

How can i do FQDN lookup as you mentioned? Also, Is anything to do because of no DC server place in remote offices?

"Popeye32" wrote:

Should be able to remove the hosts and lmhosts files if using same DNS and wins servers, that may make matters worse and a best practice to not use them anyway. (lends itself to typo's – but also if the FSMO roles are moved around –you may have to change them on the machines you put local files on.)

I would verify that both the US side machines and the UK machines get the same list of server records when a lookup of the FQDN is done. I would also verify that both see the same 3–4 wins records for the domain (1ch, 1bh, etc...)

From there I would load something like Ethereal and monitor the traffic in and out of a sample machine in the UK when the machine is attempting logon.

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Should see it try and open the ports. Could there be firewall issues between the two countries? Sniffer trace would see the denies if there was.

"Mugen" wrote:

Yes, They have the same DNS and WINS settings as other machines in US office here. Machines in remote offices are Windows 2K, Windows 2K3 and XP. Also, I manually entered domain name and IP address in Host and lmhosts file.

"Popeye32" wrote:

Have you verified you have the correct DNS suffix and WINS settings on your systems? It sounds like it is having problems finding the domain. If these are win2k3 and XP machines and still having issues, I would focus on your DNS settings to ensure they match the same used in the US side.

"Mugen" wrote:

Hi,

We have a single domain here running Window 2K3 AD. The corporate office is in US here running 2 DCs and also have Window 2K3 Wins server setup for Netbios resolution and Windows 2K3 DNS server for SRV record only (We are not doing DNS Dynamic update). In our remote office in UK and Canada, I just have some Windows 2000 and Windows 2003 server to join our single AD domain. The remote offices (UK and Canada) don't have any DC,

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Wins or DNS server setup. Here is the problem, when any one of these servers in remote offices try to logon to the Domain, it takes from 55 seconds to 3 minutes to logon.

It stay in the screen of "Apply your personal settings....."

Can someone help me out what can we do to speed up the logon process.

Because everything is working fine after logon successfully. Do we need to place a DC in each remote office to fix this problem?

Or Wins and DNS Or could be other problems?

And also, if we need to do that. What kind of setting we need to change in the server like Replication timing, router setting for broadcast traffic etc?

Thanks.