

## Re: New XP machines intermittent delays on Domain

**Source:**

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network\\_web/2004-04/1337.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2004-04/1337.html)

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quoted from <http://www.ChicagoTech.net>  
Why is XP running slower while logon 1

When I login into a Windows 2000 active directory from a new xp pro machine the login in is extremely slow. After logged on, everything works fine. But other windows versions don't have this problem.

A: This is almost like name resolution issue. Comparing with previous versions, XP is heavily dependent on DNS to find DC. If the DNS is configured incorrectly, XP will take longer time waiting for it to timeout before it tries using NetBIOS. Make sure

- 1) The DNS setup correct and have the server information.
- 2) XP clients can find the DNS server.
- 3) XP machine's DNS server is pointed to your internal DNS server rather than your ISP's DNS server.
- 4) Make sure no errors on logon scripts or GPO's that could be causing the delay.
- 5) Check any errors on event viewer.
- 6) Disable NetBIOS on the interfaces that client will not use.

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For more and other information, go to <http://www.ChicagoTech.net>  
Don't send e-mail or reply to me except you need consulting services.  
Posting on MS newsgroup will benefit all readers and you may get more help.  
Robert Lin, MS-MVP, MCSE & CNE  
Networking, Internet, Routing, VPN, Anti-Virus, Tips & Troubleshooting on  
<http://www.ChicagoTech.net>

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"PTP" <anonymous@discussions.microsoft.com> wrote in message  
news:5E0E5D39-A139-4FDC-B3C0-B25CB6DA157A@microsoft.com...

>I administer a Win2k domain. 2 Domain controllers, 2 member servers, 1  
>exchange server, about 40 mixed clients 98 & XP Pro. Everything has been  
>running fine until we purchased some new Dell machines. All of our other  
>workstations are Dell of varying models. As a rule, I wipe the new systems  
>we get from Dell and install XP clean to avoid all the garbage programs  
>that get installed at the factory.

>

> I had 4 of these identical machines connected to the domain for a couple  
> of weeks when I was told by the users about slowness. Generally these  
> users experience a delay of about 15 seconds when choosing "open" within

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> Excel and they switch folders on the network. After the first delay,  
> everything moves quickly enough, but after 10 minutes or so the problem  
> returns. I've duplicated the problem by using other applications as well  
> as using explorer independent of any Office programs with the same result.  
> First attempt takes 15 seconds...subsequent attempts are normal speed  
> until no attempts are made for a while. All of this file access is taking  
> place over a mapped drive to our primary Win2k file server/domain  
> controller.  
>  
> I've disabled power management across the board, including the NIC itself.  
> Updated drivers for the Broadcom 440 10/100 NIC.  
> Disabled the enumeration of scheduled tasks and printers during network  
> resolution.  
> Verified that they are connecting at 100mbps. The 4 clients were  
> initially connected to 2 different 10/100 switches...I've now grouped them  
> on one switch.  
> Added the domain specific DNS suffix for the connection, for good measure.  
> Verified that my DNS servers are working correctly. I have no problems  
> with resolving any names.  
> Ping statistics always return <1ms  
>  
> We do have one Novell server and are running the Novell client 4.90...some  
> machines are using the 4.83 client. My personal XP Pro machine has all of  
> the same software and configurations...plus much more like WebJet Admin and  
> I have no delays whatsoever. There are also several other XP Pro machines  
> on the network who don't have this problem. So far, the only common  
> denominator is the model of computer and it's integrated NIC.  
>  
> I've been Googling my brains out and coming up with all of the same  
> solutions. Does anyone have anything different to look for?  
>  
> We just received 2 more of the same machines that were ordered before we  
> realized there was a problem. I'll be working with one of those to  
> continue troubleshooting.  
>  
> Thanks,  
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