

## Re: Win 2003 servers hang at "Applying computer settings" just before the logon

**Source:**

[http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active\\_directory/2004-10/0921.html](http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2004-10/0921.html)

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**From:** Bruce Musgrove (*Bruce.removemeMusgrove\_at\_utsouthwestern.edu*)

**Date:** 10/15/04

Date: Fri, 15 Oct 2004 10:54:27 -0500

I don't run my own DNS servers internally on the domain. We use the DNS Servers provided by the school who manages the parent domain.

All of our servers use static IP and point to the Schools main dns servers. All other units use DHCP and they pick up one of the main DNS servers and a local server setup within their buildings subnets

We have noticed this week that this appears to happen on several specific computers and a few random ones and irregular intervals. We have also noticed that there are occasionally some weird DNS entries showing up such as non server machines registering as domain master browsers (in WINS) and as a DC. We have never noticed this happening after the hangs start, but on 2 occasions it did happen and get corrected the day before the hang started.

Bringing the affected machines up in safe mode with networking works everytime and lets me remove the machine from the domain to correct the issue, and I can browse the PDC and DC's with no problem using DNS for lookup. I know that doesn't mean crud as it is not querying for PDC entries but....

"Doug Gabbard" <dougga@cfl.rr.com> wrote in message news:rnovm0tjap2cfe8bmv3ttdgodp1tjbegg8@4ax.com...

> *You probably have a DNS issue with the client machine. The issue sounds as if its secure channel is not valid. Verify your DNS Settings are correct on your machine experiencing the issue.*

>

> *Clients should use the domain dns servers for both preferred and alternate DNS servers. A common mistake is to use the ISP as a client's DNS server. Then when it tries to communicate with the domain it goes to the ISP (the ISP has no information about your domain), so the client will eventually fail.*

>

> *So... preferred DNS and alternate DNS on your clients should point to your domain's DNS servers.*

>

microsoft.public.win2000.active\_directory: Re: Win 2003 servers hang at "Applying computer settings" just before the lo

> *Check that out.*  
>  
> *regards*  
> *doug*  
>  
> *On Wed, 13 Oct 2004 11:00:33 -0500, "Bruce Musgrove"*  
> *<Bruce.removemeMusgrove@utsouthwestern.edu> wrote:*  
>  
> *>Sure wish someone had an idea what could cause this and how to stop it :)*  
> *>>*  
> *>>"Bruce Musgrove" <Brucenospam.removemeMusgrove@utsouthwestern.edu> wrote*  
*in*  
> *>message news:OWDdQ9YhEHA.3428@TK2MSFTNGP11.phx.gbl...*  
> *>> I have this same problem. 2-3 a day, nothing in the event logs or boot*  
> *>> logs.I do not know the cause, but I can usually fix it by*  
> *>>>*  
> *>>> 1) Running "netdom reset". My batch file for this is "NETDOM.exe move*  
> *>>> %computername% /Domain:<insert domain> /UserD:\* /PasswordD:\* /UserO:\**  
> *>>> /PasswordO:\* /REBoot:1"*  
> *>>>*  
> *>>> OR*  
> *>>>*  
> *>>> 2) Boot into safe mode with network, remove the machine from the domain*  
> *>>> (join a workgroup, AND make sure the local admin account is active and*  
*you*  
> *>>> know the password.), Reboot (wait for the "saving settings" to complete*  
*on*  
> *>>> the shutdown, it can take 4-8 minutes) and after reboot, logon with*  
*local*  
> *>>> admin rights and rejoin the domain.*  
> *>>>*  
> *>>> I would love to know why it does this*  
> *>>>*  
> *>>>*  
> *>>> "Andyw" <anonymous@discussions.microsoft.com> wrote in message*  
> *>>> news:18ce701c44bfb\$45f49d70\$a401280a@phx.gbl...*  
> *>>> > Hi, we have just upgraded our network from a single NT4*  
> *>>> > Domain to a Win2k3 Domain. It is in Native mode and all*  
> *>>> > the servers work, which include a one WinNT 4 server,*  
> *>>> > many Win2k servers, two 2003 DC's, and three 2003*  
> *>>> > servers. The problem we have is since the upgrade, 2 of*  
> *>>> > the windows 2003 servers hang at "Applying computer*  
> *>>> > settings" just before the logon screen when we boot up.*  
> *>>> > Also the strange thing is they work in safe mode with*  
> *>>> > networking on. When the servers are stuck at this point*  
> *>>> > we can ping them for a few minutes and the they drop out.*  
> *>>> >*  
> *>>> > Any ideas????*  
> *>>> >*  
> *>>> > Andy*  
> *>>>*

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