

## Re: Network slow after 2nd DC

**Source:**

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2004-09/1337.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2004-09/1337.html)

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*pierre\_at\_rali.co.za*

**Date:** 09/18/04

Date: Sat, 18 Sep 2004 08:54:42 +0200

Hi

You can consider this a new network. We rebuilt the old NT4 network to a win 2003 environment completely eliminating any NT4 servers. They were not connected to the new win 2003 network at all. We had to redo all clients as well. Anyway that was worth it.

I have 6 servers, 4 on win 2003, 2 on win 2000.

My DC1 is 2003 with AD, DNS and dhcp. It is the only DC running DNS and DHCP

All servers have fixed IP's

I have 50 users scattered around a huge property, some linked by fibre optic others by cat 5.

The slowing down started when I added the dc2 after 2 weeks of running with only a dc.

The DNS looks great and "seems" to be registering clients as well. I can add host records to it that point to internal web sites, so thats fine. "The DNS server wrote version 242 of zone mydomain.co.za"

In the system log on the dc1 is this entry

"The Security System could not establish a secured connection with the server DNS/prisoner.iana.org. No authentication protocol was available."

I have no idea what this is about.

Another entry is

"File Replication Service has detected and suppressed an average of 15 or more file updates

every hour for the last 3 hours because the updates did not change the contents of

the file. The tracking records in FRS debug logs will have the filename and event time

for the suppressed updates. The tracking records have the date and time followed by :T:

as their prefix.

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Updates that do not change the content of the file are suppressed to prevent unnecessary replication traffic. Following are common examples of updates that do not change the contents of the file.

- [1] Overwriting a file with a copy of the same file.
- [2] Setting the same ACLs on a file multiple times.
- [3] Restoring an identical copy of the file over an existing one.

Suppression of updates can be disabled by running regedit.

Click on Start, Run and type regedit.

Expand HKEY\_LOCAL\_MACHINE, SYSTEM, CurrentControlSet, Services, NtFrs, Parameters, and create or update the value "Suppress Identical Updates To Files" to 0 (Default is 1) to force identical updates to replicate."

Should I do this??

On DC2 in the DNS log is this information event  
The event message for the ID (1704) in the source (SceCli) could not be found, but contained these strings:

Your help is appreciated.  
Hope this is enough info.  
Take care  
Pierre

"Rick Claus [MSFT]" <rclaus@online.microsoft.com> wrote in message news:E5F0CBAA-68E5-4B36-96D9-9E5869CC850F@microsoft.com...

- > *Can you give me some more information on this one?*
- >
- > *What is your networking environment like? What protocols are you running?*
- > *What is your DNS configuration? Can you check the event logs on both servers*
- > *for unusual entries?*
- >
- > *Rick Claus [MSFT], MCSE*
- > *TechNet CDN – IT Pro Advisor*
- >
- > *No Email Please... This alias is for newsgroup purposes only.*
- > *This posting is provided "AS IS" with no warranties and confers no rights.*
- >
- > *"pierre@rali.co.za" wrote:*
- >
- > *Hi*
- > *> Our network has dropped down to a crawl after I added a 2nd DC on our*
- > *> windows 2003 network. Any clues or tips.*
- > *>*

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> > *Thanks and take care*

> >

> > *Pierre*

> >

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