

Re: Time Sync Issue – Win2003 Domain

Source:

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- *From:* "[c]" <no@xxxxxxxx>
 - *Date:* Sat, 5 May 2007 23:12:38 -0400
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Paul thanks a lot for the extremely helpful reply! After running the diagnostics using your interface everything checked out okay. Seems there is another problem now that i will be posting with more information but i wanted to thank you for taking the time to post such in a thorough indepth reply.

"Paul Bergson [MVP-DS]" <pbergson@xxxxxxxxxxxxxxxxxxxx> wrote in message news:egFSk1kjHHA.1244@xxxxxxxxxxxxxxxxxxxxxxxx

By default all clients should be using their authenticating DC as their time service, not the PDCe. You really don't want to start configuring time, let Windows figure out where it gets its time from. The dc's should be using the PDCe as their time service. So first off I would validate that the clients that are improperly getting their time are in fact doing this. From a client you suspect is incorrectly configured, bring up a command prompt and time in

```
set logonserver
```

This should list the current dc this client authenticated too.

If this is incorrect then Sites and Services need to be defined for this subnet

I'm sure you must have already followed the documents on configuring an authoritative time server, but if not <http://support.microsoft.com/kb/816042>

Have you run any diagnostics against your domain to verify that there are no rep errors, etc...

If you don't have the tools installed, install them from your server install disk.
d:\support\tools\setup.exe

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Run dcdiag, netdiag and repadmin in verbose mode.

-> DCDIAG /V /C /D /E /s:yourdcname > c:\dcdiag.log

-> netdiag.exe /v > c:\netdiag.log (On each dc)

-> repadmin.exe /showrepl dc* /verbose /all /intersite > c:\repl.txt

****Note:** Using the /E switch in dcdiag will run diagnostics against ALL dc's in the forest. If you have significant numbers of DC's this test could generate significant detail and take a long time. You also want to take into account slow links to dc's will also add to the testing time.

If you download a gui script I wrote it should be simple to set and run (DCDiag and NetDiag). It also has the option to run individual tests without having to learn all the switch options. The details will be output