

Re: Time Service has Jumped to Another DC! Please help.

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- *From:* "IT_Guru" <corey@xxxxxxxx>
 - *Date:* Thu, 3 May 2007 21:25:27 -0400
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I want to add something else here. If I stop the net time service on the remote domain controllers and do a 'net time' they point back to the master DC like they should. If I enabled the net time service and perform a w32tm /resync and then a net time, they are pointing at themselves again. Why do they not stay pointing at the PRIMARY DC like they should?

"IT_Guru" <corey@xxxxxxxx> wrote in message
<news:ex3xFrejHHA.5012@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Okay this dosent make any sense.

I have the master DC configured to sync with an external time source, however when ever a net time on any of my domain controllers, they are syncing to a DIFFERENT domain controller then my master dc! If i stop the net time service on the dc all other dc's are looking at, once a replication occurs they will all be pointing to a different one that does not have the time service stopped, but none of them want to point back to the MASTER even though I have run the following command:

```
w32tm /config /syncfromflags:domhier /update
```

and restart the time service afterwards

Wtf is going on!

"IT_Guru" <corey@xxxxxxxx> wrote in message
[news:%23\\$XXZAejHHA.1624@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:%23$XXZAejHHA.1624@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hi Jorge,

Thanks for the quick reply. I am presuming the article you pointed me to is relevant for member domain controllers as well? or in other words DC's

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that do not hold the master roles? This problem just cropped up within the last three days and I am trying to pin-point what may have caused this bizare bahviour.

Also, all DC's are members of the same domain and properly seperated into sites.

Thanks

"Jorge Silva" <jorgesilva_pt@xxxxxxxxxxx> wrote in message
news:438C9D29-CC51-443B-9C17-F2D7DA66BB0F@xxxxxxxxxxxxxxxxxxx

Hi

Each DC get the date from the PDCE for their domain, and all existing PDCEs should sync their Date with the PDCE at the Root Domain.

By default the non-DCs take it from the authenticated DC which get it from the PDCE for that domain.

Make sure that the correct subnets are properly assigned so the clients don't try to connect to the wrong DC.

How to configure an authoritative time server in Windows Server 2003

<http://support.microsoft.com/kb/816042>

To restore the default behaviour of time synchronization with the domain

hierarchy, follow the procedure listed in the following article:

<http://technet2.microsoft.com/WindowsServer/f/?en/library/8990703a-a197-4717-b6e5-b74>

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I hope that the information above helps you.
Have a Nice day.

Jorge Silva

MCSE, MVP Directory Services

"[c]" <no@xxxxxxxx> wrote in message

news:OJtNStdjHHA.4248@xxxxxxxxxxxxxxxxxxxxxxxxxxx

In our domain of multiple sites – for some reason the internal time server in our domain is a remote site's domain controller. I was always under the impression that the first DC created in an AD environment and that with which holds the PDC emulator role is by default the authorative domain time server. Can

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someone explain why the time server may have jumped to another DC in our environment, especailly one not holding any master roles and is actually a remote site server?

Even the PDC (holding all master roles and the forst root server) shows this remote server as its time server when running net time?

Now the other problem, on the PDC I have tried changing the time server to point back to itself(windows 2003 domain) but it keeps displaying the remote DC as its time server. I ran this command, w32tm /config /manualpeerlist:time.microsoft.com /syncfromflags:manual /reliable:yes /update. The command stated it completed successfully. i restarted the net logon service, didnt make a difference so I restarted the whole box and it still shows this remote site server as the time server.

Thanks.