

## Re: w32tm will not synch on SBS 2000 server

**Source:** <http://www.derkeiler.com/Newsgroups/microsoft.public.win2000.security/2003-04/0110.html>

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**From:** D Carroll ([dec@gulloil.com](mailto:dec@gulloil.com))

**Date:** 04/02/03

From: "D Carroll" <[dec@gulloil.com](mailto:dec@gulloil.com)>  
Date: Tue, 1 Apr 2003 15:34:24 -0800

Just did some experimenting. Got the same response as you when trying to connect to nist1.datum.com

Used IP address instead, as in 'net time /setsntp:66.243.42.21'

This worked!

So there is probably a DNS issue here.

– Dave

"Gus CS" <[anguscs@bigpond.com](mailto:anguscs@bigpond.com)> wrote in message  
news:eev#YTo9CHA.2520@TK2MSFTNGP11.phx.gbl...

> All

>

> I have set up my SBS server to synchronise with internet Time servers, and

> am using the server as an internal timeserver for my domain. however I

> cannot get it to actually synchronise. I believe it may have something to

> do with the ISA server, however, I have the NTP protocol allowed and

cannot

> understand why. I have pasted in below a copy of a command dprompt session

> where I test the configuration. Having stopped the service I check the

> server list, and then use w32tm to check the server can communicate with a

> server from the list. This all goes very well. It only falls apart when

I

> try to actually synchronise. having run w32tm –once in the verbose mode

it

> fails to synch and then stops. The line that concerns me is the

>

> W32Time: Time Out occured in sockets

>

> I cannot get it to work, and it is annoying me. Can anyone help?

>

> Yours Angus CS

>

>

>

>

> C:\>net stop w32time

> The Windows Time service is stopping.

> The Windows Time service was stopped successfully.

microsoft.public.win2000.security: Re: w32tm will not synch on SBS 2000 server

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>
>
> C:\>net time /querysnTP
> The current SNTP value is:
>
nist1.datum.com,time.datum.com,augean.eleceng.adelaide.edu.au,time.nist.gov,
> ntp
> .pipex.net,swisstime.ethz.ch
>
> The command completed successfully.
>
>
> C:\>w32tm -source -v
> W32Time: BEGIN:InitAdjIncr
> W32Time: Adj 100144 , Incr 100144 fAdjust 0
> W32Time: END:Line 2503
> W32Time: BEGIN:TsUpTheThread
> W32Time: END Line 1407
> W32Time: TimeMMInit()
> W32Time: Kernel timer : using default maximum resolution
> W32Time: MaximumTime = 100144
> W32Time: CurrentTime = 100144
> W32Time: Timer calibrated, looped 1 times
> W32Time: BEGIN:InitTmCfg
> W32Time: END:Line 807
> W32Time: BEGIN:InitTmCli
> W32Time: END:Line 2596
> W32Time: BEGIN:InitTmData
> W32Time: END:Line 2618
> W32Time: AvoidTimeSyncOnWan 0
> W32Time: ntpserver -
>
nist1.datum.com,time.datum.com,augean.eleceng.adelaide.edu.au,time.nist.gov,
> ntp0.pipex.net,swisstime.ethz.ch
> W32Time: BEGIN:CMOSSynchSet
> W32Time: Setting adjustment 100144 - Bool 0
> W32Time: BEGIN:SetTSTimeRes
> W32Time: END:Line 1295
> W32Time: END:Line 864
> W32Time: BEGIN:InitializeDC
> W32Time: BEGIN:GetRole
> W32Time: Role is 'PDC'
> W32Time: END Line 672
> W32Time: BEGIN:FetchParentDomainName
> W32Time: NetLogonGetTimeServiceParentDomain() returned 54b with ptr
0
> W32Time: END:Line 782
> W32Time: END:Line 704
> W32Time: Server: Binding to 2 NICs.
> W32Time: Advertising that I'm a Time Service Provider
>
```

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```
> C:\>w32tm -once -v
> W32Time: BEGIN:InitAdjIncr
> W32Time: Adj 100144 , Incr 100144 fAdjust 0
> W32Time: END:Line 2503
> W32Time: BEGIN:TsUpTheThread
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> W32Time: TimeMMInit()
> W32Time: Kernel timer : using default maximum resolution
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> W32Time: BEGIN:InitTmData
> W32Time: END:Line 2618
> W32Time: AvoidTimeSyncOnWan 0
> W32Time: ntpserver -
>
nist1.datum.com,time.datum.com,augean.eleceng.adelaide.edu.au,time.nist.gov,
> ntp0.pipex.net,swisstime.ethz.ch
> W32Time: BEGIN:CMOSSynchSet
> W32Time: Setting adjustment 100144 - Bool 0
> W32Time: BEGIN:SetTSTimeRes
> W32Time: END:Line 1295
> W32Time: END:Line 864
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> W32Time: END Line 672
> W32Time: BEGIN:FetchParentDomainName
> W32Time: NetLogonGetTimeServiceParentDomain() returned 54b with ptr
0
> W32Time: END:Line 782
> W32Time: END:Line 704
> W32Time: Server: Binding to 2 NICs.
> W32Time: Advertising that I'm a Time Service Provider
> W32Time: timeBeginPeriod: setting resolution 9
> W32Time: BEGIN:TimeSync
> W32Time: BEGIN:FGetType
> W32Time: END Line 254
> W32Time: BEGIN:FDoTimeNTPTYPE
> W32Time: BEGIN:ChooseNTPServer
> W32Time: END Line 2178
> W32Time: BEGIN:GetSocketForSynch
> W32Time: NTP: ntpptrs[0] - NIST1.DATUM.COM
> W32Time: rgbNTPServer NIST1.DATUM.COM
> W32Time: Port Pinging to - 123
> W32Time: Connecting to "NIST1.DATUM.COM" (66.243.43.21)
> W32Time: END:Line 1170
```

> *W32Time: BEGIN:GetDefaultRid*  
> *W32Time: END Line 2359*  
> *W32Time: BEGIN:ComputeDelay*  
> *W32Time: BEGIN:NTPTry -- init*  
> *W32Time: END Line 1683*  
> *W32Time: BEGIN:NTPTry -- try*  
> *W32Time: BEGIN:ComputeInterval*  
> *W32Time: END Line 2479*  
> *W32Time: Sending to server 48 bytes...*  
> *W32Time: BEGIN:TsUpTheThread*  
> *W32Time: END Line 1407*  
> *W32Time: NTP(S): waiting for datagram...*  
> *W32Time: BEGIN:TsUpTheThread*  
> *W32Time: END Line 1407*  
> *W32Time: NTP(S): waiting for datagram...*  
> *W32Time: NTP: didn't receive datagram*  
> *W32Time: Logging event 0x8000000B. 15 min until this event is*  
> *allowed again.*  
> *W32Time: 0x8000000B reported to System Log in Event Viewer*  
> *W32Time: END Line 1951*  
> *W32Time: Time source failed to produce usable timestamp.*  
> *W32Time: BEGIN:NTPTry -- fail*  
> *W32Time: END Line 1683*  
> *W32Time: Time Out occured in sockets*  
> *W32Time: BEGIN:NTPTry -- try*  
> *W32Time: BEGIN:ComputeInterval*  
> *W32Time: END Line 2479*  
> *W32Time: Sending to server 48 bytes...*  
> *W32Time: NTP: didn't receive datagram*  
> *W32Time: Rejecting logging event 0x8000000B. 894 sec until*  
*this*  
> *event is allowed.*  
> *W32Time: END Line 1951*  
> *W32Time: Time source failed to produce usable timestamp.*  
> *W32Time: BEGIN:NTPTry -- fail*  
> *W32Time: END Line 1683*  
> *W32Time: Time Out occured in sockets*  
> *W32Time: BEGIN:NTPTry -- try*  
> *W32Time: BEGIN:ComputeInterval*  
> *W32Time: END Line 2479*  
> *W32Time: Sending to server 48 bytes...*  
> *W32Time: NTP: didn't receive datagram*  
> *W32Time: Rejecting logging event 0x8000000B. 889 sec until*  
*this*  
> *event is allowed.*  
> *W32Time: END Line 1949*  
> *W32Time: Time source failed to produce usable timestamp.*  
> *W32Time: BEGIN:NTPTry -- fail*  
> *W32Time: END Line 1683*  
> *W32Time: END Line 1496*  
> *W32Time: END Line 368*

