

Re: computer browser service won't start

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2008-08/msg00011.html>

- *From:* "Bruce Sanderson" <bsanders@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 31 Jul 2008 19:38:34 -0700
-

When Windows starts, there are a lot of things to start and some depend on other things. Particularly on "slower" computers, some things try to start working before all the other things they need are working.

I've noticed that dnsApi is sometimes one of the things that starts early before everything it needs is actually working, e.g. the TCP/IP and network stack. In the situations I've seen the Event Log entry from dnsApi that you report, the computer did successfully register itself later. This assumes that the targetted DNS server can accept Dynamic registrations (e.g. the Windows Server DNS service that can be integrated with Active Directory) and the computer doing the dynamic registration is permitted to do so (domain members are so permitted by default in an Active Directory domain). Not all DNS servers accept Dynamic registrations.

If you're concerned and want to not get these Event Log entries, you can try making the service reporting the problem "Depend On" the other services it needs by adding to the DependOnService value in the service's registry (HKLM\System\CurrentControlSet\Services). I've sometimes found it useful, for example, to make the NetLogon service Depend On the Dnscache service so it doesn't report that there is no Domain Controller available during restarts.

The Computer Browser service's only function is to maintain a "browse list" so that this computer and other ones can get a list of computers under My Network Places. It is not uncommon to disable this thing. In a large network, getting a list of computers under My Network Places is not very useful anyway. Even if you want people to "see" computers under My Network Places, the Browser Service only has to run on a few computers. The Browser Service works by broadcasts, so is generally only useful on a single LAN. In larger networks, a WINS server can provide the list of computers across routers, but again, I don't think this is useful in a large network (e.g. what use is a list of 30,000 computers in My Network Places?).

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Bruce Sanderson

<http://members.shaw.ca/bsanders/>

It's perfectly useless to know the right answer to the wrong question.

"Bwise_IT" <bodywise_it@xxxxxxxxxxxxx> wrote in message
[news:uJ\\$YIN08IHA.5044@xxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uJ$YIN08IHA.5044@xxxxxxxxxxxxxxxxxxxxxxxxx)

except for the computer browser service not starting this server is working just fine. it has been in service for about 4 years. it is my avaya voice mail server.

Bob

"Dave Patrick" <DSPatrick@xxxxxxxxxxxxxxxxxxxxx> wrote in message

Re: computer browser service won't start

news:ei65wjr8IHA.2348@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Is this a new server or existing? Is it a member server? Is the network interface working at all?

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Regards,

Dave Patrick ...Please no email replies – reply in newsgroup.
Microsoft Certified Professional
Microsoft MVP [Windows]
<http://www.microsoft.com/protect>

"Bwise_IT" wrote:

after a reboot of the server i noticed these errors in the event log, some i have seen before...

Event Type: Error
Event Source: DCOM
Event Category: None
Event ID: 10005
Date: 7/30/2008
Time: 10:12:25 AM
User: N/A
Computer: {computer name here}
Description:
DCOM got error "The service cannot be started, either because it is disabled or because it has no enabled devices associated with it. " attempting to start the service SENS with arguments "" in order to run the server:
{D3938AB0-5B9D-11D1-8DD2-00AA004ABD5E}

For more information, see Help and Support Center at <http://go.microsoft.com/fwlink/events.asp>.

AND...

Event Type: Information
Event Source: DnsApi
Event Category: None
Event ID: 11160
Date: 7/30/2008
Time: 10:08:46 AM
User: N/A
Computer: {computer name here}
Description:
The system failed to register pointer (PTR) resource records (RRs) for network adapter

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with settings:

Adapter Name : {57FDBCE7-5E2E}
Host Name : {computer name here}
Adapter-specific Domain Suffix : domain.com
DNS server list :
ip address here
Sent update to server : {and address i've never seen before}
IP Address : ip address here

The reason that the system could not register these RRs was because of a security related problem. The cause of this could be (a) your computer does not have permissions to register and update the specific DNS domain name set for this adapter, or (b) there might have been a problem negotiating valid credentials with the DNS server during the processing of the update request.

You can manually retry DNS registration of the network adapter and its settings by typing "ipconfig /registerdns" at the command prompt. If problems still persist, contact your DNS server or network systems administrator.

For more information, see Help and Support Center at <http://go.microsoft.com/fwlink/events.asp>.

Data:

AND...

Event Type: Error
Event Source: Service Control Manager
Event Category: None
Event ID: 7024
Date: 7/30/2008
Time: 10:09:20 AM
User: N/A
Computer: {computer name here}
Description:
The Distributed Transaction Coordinator service terminated with service-specific error 3221229584 (0xC0001010).

For more information, see Help and Support Center at <http://go.microsoft.com/fwlink/events.asp>.

AND... the browser service stopping

Event Type: Information
Event Source: Service Control Manager
Event Category: None
Event ID: 7036
Date: 7/30/2008

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Time: 10:09:20 AM

User: N/A

Computer: {computer name here}

Description:

The Computer Browser service entered the stopped state.

For more information, see Help and Support Center at

<http://go.microsoft.com/fwlink/events.asp>.

AND IN THE APPLICATION LOG IS SEE...

Event Type: Error

Event Source: MSDTC

Event Category: TM

Event ID: 4185

Date: 7/30/2008

Time: 10:12:25 AM

User: N/A

Computer: {computer name here}

Description:

MS DTC Transaction Manager start failed. LogInit returned error 0xc000103a.

For more information, see Help and Support Center at

<http://go.microsoft.com/fwlink/events.asp>.

this server is not part of a cluster...

thank

Bob