

Re: Server not visible in network browser

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-06/msg00038.html>

- *From:* v-robeli@xxxxxxxxxxxxxxxxxxxxxxxx (Robert Li [MSFT])
 - *Date:* Fri, 01 Jun 2007 02:37:04 GMT
-

Hi John,

Thanks for your reply.

I made deep research on this issue, please check the following:

Step 1: The problem occurs when network is not correctly configured. Please rerun the CEICW again to made network configuration.

More information:

825763 How to configure Internet access in Windows Small Business Server 2003

<http://support.microsoft.com/?id=825763>

Step 2: Check the following on NIC

1. Disable "NetBios Over TCP/Ip" on external card and unchecked the option Register this address under DNS
2. Enable "NetBios over TCP/IP" on Internal card and check that option Register this address under DNS.
3. Restart the NetLogon services and do ipconfig /flushdns and ipconfig /registerdns.

Step 3: It would appear that the server is not set up as master browser.

Please set the SBS server as browser master in the registry:

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Browser\Parameters]
"IsDomainMaster"="FALSE"
```

```
sett =FALSE to =TRUE
```

Step 3: Disable Load balancing from internal network card.

If it's determined that load balancing had been enabled on the internal interface. Since it is attempting to balance with the external NIC which

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had Netbios disabled the name would not appear in My Network Places.

Step 4: The problem may be also related to the NIC. Some Servers using NC3163 does not appears on browser

If the problem persists, please help me collect the following for further research:

MPS-Report on SBS server

1) Download MPSreport_network from

http://download.microsoft.com/download/b/b/1/bb139fcb-4aac-4fe5-a579-30b0bd915706/MPSRPT_NETWORK.EXE

2) Run MPSRPT_NETWORK.exe on the server box.

3) The tool will automatically collect the information. This procedure will take 10~15 minutes.

4) Open Windows Explorer, navigate to the folder:
%SystemRoot%\MPSReports\Network\Reports\Cab\

5) Send the .cab file directly to v-robelt@xxxxxxxxxxxxxx with subject:
39239466- Server not visible in network browser

I am looking forward to hear from you.

If you need further assistance, please don't hesitate to let me know.

Best regards,

Robert Li(MSFT)

Microsoft CSS Online Newsgroup Support

Get Secure! - www.microsoft.com/security

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This newsgroup only focuses on SBS technical issues. If you have issues regarding other Microsoft products, you'd better post in the corresponding newsgroups so that they can be resolved in an efficient and timely manner. You can locate the newsgroup here:

<http://www.microsoft.com/communities/newsgroups/en-us/default.aspx>

When opening a new thread via the web interface, we recommend you check the "Notify me of replies" box to receive e-mail notifications when there are any updates in your thread. When responding to posts via your newsreader, please "Reply to Group" so that others may learn and benefit from your issue.

Microsoft engineers can only focus on one issue per thread. Although we provide other information for your reference, we recommend you post different incidents in different threads to keep the thread clean. In doing

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so, it will ensure your issues are resolved in a timely manner.

For urgent issues, you may want to contact Microsoft CSS directly. Please check <http://support.microsoft.com> for regional support phone numbers.

Any input or comments in this thread are highly appreciated.

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<From: "John" <John@xxxxxxxxxxxxxxxxxxxxxx>
<References: <#uUe4VamHHA.2452@xxxxxxxxxxxxxxxxxxxxxx>
<bWVjvd1mHHA.3352@xxxxxxxxxxxxxxxxxxxxxx>
<OFb\$IGhoHHA.2452@xxxxxxxxxxxxxxxxxxxxxx>
<xPVAq2qoHHA.1144@xxxxxxxxxxxxxxxxxxxxxx>
<#orwPnzoHHA.5008@xxxxxxxxxxxxxxxxxxxxxx>
<DQVvBJ0oHHA.5168@xxxxxxxxxxxxxxxxxxxxxx>
<Subject: Re: Server not visible in network browser
<Date: Thu, 31 May 2007 12:00:17 +0100
<Lines: 213
<X-Priority: 3
<X-MSMail-Priority: Normal
<X-Newsreader: Microsoft Outlook Express 6.00.2900.3028
<X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.3028
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<Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.server.sbs:40571
<X-Tomcat-NG: microsoft.public.windows.server.sbs
<
<Hi Robert
<
<nslookup myserver.mydomain.local now brings up;
<
<Server: myserver.mydomain.local
<Address: 192.168.16.2
<
<Name: myserver.mydomain.local
<Address: 192.168.16.2
<
<No luck however with server name in network browser. Just came across
below
<event in the DNS event log.
<
<Event Type: Error
<Event Source: DNS
<Event Category: None

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<Event ID: 504
<Date: 31/05/2007
<Time: 05:00:20
<User: N/A
<Computer: MYSERVER
<Description:
<The DNS server could not create zone mydomain.local from registry data.
One
<or more of the zone registry key values could be corrupted or the zone
file
<is missing. Use the DNS console to replace or repair any corrupted
registry
<key values or confirm that the zone database is available. For more
<information, see "Configure zone properties" in the online Help.
<
<For more information, see Help and Support Center at
<<http://go.microsoft.com/fwlink/events.asp>.
<Data:
<0000: 50 25 00 00 P%..
<
<Thanks
<
<Regards
<
<
<"Robert Li [MSFT]" <v-robeli@xxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:DOVvBJ0oHHA.5168@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
<> Hi,
<>
<> Thanks for updating.
<>
<> From your reply, I noticed that run nslookup server.domain.local from
<> client failed. Please try the following:
<>
<> 1. Open DNS console.
<> 2. Navigate to SBSSEVER'Reverse Lookup Zones'192.168.16.X Subnet.
<> 3. Right click on the right side and select New Pointer(PTR)
<> 4. Input Host IP number 192.168.16.2 and Hostname sbsserver.
<> 5. Try again to see if you can see server now.
<>
<> I am looking forward to hear from you.
<>
<> If you need further assistance, please don't hesitate to let me know.
<>
<> Best regards,
<>
<> Robert Li(MSFT)
<>
<> Microsoft CSS Online Newsgroup Support
<>
<> Get Secure! – www.microsoft.com/security

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◇ -----
◇ <From: "John" <John@xxxxxxxxxxxxxxxxxxxx>
◇ <References: <#uUe4VamHHA.2452@xxxxxxxxxxxxxxxxxxxx>
◇ <bWVjvd1mHHA.3352@xxxxxxxxxxxxxxxxxxxx>
◇ <OFb\$iGhoHHA.2452@xxxxxxxxxxxxxxxxxxxx>
◇ <xPVAq2qoHHA.1144@xxxxxxxxxxxxxxxxxxxx>
◇ <Subject: Re: Server not visible in network browser
◇ <Date: Thu, 31 May 2007 05:11:56 +0100
◇ <Lines: 86
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◇ <X-MSMail-Priority: Normal
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◇ <Message-ID: <#orwPnzoHHA.5008@xxxxxxxxxxxxxxxxxxxx>
◇ <Newsgroups: microsoft.public.windows.server.sbs
◇ <NNTP-Posting-Host:

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<> host-84-13-173-232.opaltelecom.net.173.13.84.in-addr.arpa 84.13.173.232
<> <Path: TK2MSFTNGHUB02.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTNGP05.phx.gbl
<> <Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.server.sbs:40517
<> <X-Tomcat-NG: microsoft.public.windows.server.sbs
<> <
<> <Hi Robert
<> <
<> <Please see inline;
<> <
<> <"Robert Li [MSFT]" <v-robeli@xxxxxxxxxxxxxxxxxxxxxx> wrote in message
<> <news:xPVAq2qoHHA.1144@xxxxxxxxxxxxxxxxxxxxxxxxxx
<> <> Hi John,
<> <>
<> <> Please take the following steps:
<> <>
<> <> Step 1: Ping the server from client by FQDN, can this be successful>
<> <
<> <ping myserver.mydomain.local
<> <
<> <Pinging myserver.mydomain.local [192.168.16.2] with 32 bytes of data:
<> <
<> <Reply from 192.168.16.2: bytes=32 time<1ms TTL=128
<> <Reply from 192.168.16.2: bytes=32 time<1ms TTL=128
<> <Reply from 192.168.16.2: bytes=32 time<1ms TTL=128
<> <Reply from 192.168.16.2: bytes=32 time<1ms TTL=128
<> <
<> <Ping statistics for 192.168.16.2:
<> < Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
<> <Approximate round trip times in milli-seconds:
<> < Minimum = 0ms, Maximum = 0ms, Average = 0ms
<> <
<> <
<> <> Step 2: Run nslookup server.domain.local from client, can this be
<> <> successfully?
<> <
<> <nslookup myserver.mydomain.local
<> <
<> <*** Can't find server name for address 192.168.16.2: Non-existent domain
<> <*** Default servers are not available
<> <Server: UnKnown
<> <Address: 192.168.16.2
<> <
<> <Name: myserver.mydomain.local
<> <Address: 192.168.16.2
<> <
<> <
<> <> Step 3: Check if "TCP NETBIOS helper service " on server is set to
<> <> automatic.
<> <
<> <Already set to automatic and running.
<> <

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<<

<< Step 4: Check the binding order.

<<

<< a. Please open Control Panel -> network connections.

<< b. Click Advanced -> Advanced settings

<< c. Please confirm that in the adapters and bindings tab, the connections

<< should have the following order.

<< Server local Area Connection

<< Network Connection

<< [Remote Access connections]

<<

<<Already fine.

<<

<<

<< Step 5: This behavior occurs when server message block (SMB) signing is

<< enabled and required on the domain controller that is running Windows

<< Server 2003. Please take the steps to disable the SMB signing on the

<< server:

<<

<< 1. Start-->Run-->Type ""regedit"" and press Enter.

<< 2. Navigate to the following registry:

<<

<

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\lanmanserver\Parameters

<< 3. In the right panel, double-click ""enablesecuritysignature"".

< Set

<< the value data to ""0""

<< 4. Navigate to the following registry:

<<

<

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\Lanmanworkstation\Param

<< eters\

<< 5. In the right panel, double-click ""enablesecuritysignature"".

< Set

<< the value data to ""0""

<< 6. Open a command prompt, type ""gpupdate /force"" and press Enter.

<<

<<Done.

<<

<<Still no luck.

<<

<<Thanks

<<

<<Regards

<<

<<

<<

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