

# Re: VPN generates Internal Network logon problem

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-07/msg02295.html>

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- *From:* "Allan Sabiski" <[allans\\*nospam\\*@ics-limited.com](mailto:allans*nospam*@ics-limited.com)>
  - *Date:* Mon, 17 Jul 2006 17:45:03 -0400
- 

Crina,

Thank you for the response. I have verified the settings, however I have not made the requested steps until clarification.

Previously I tried without success Steps C,D, and F. I did not do Step B since I did not find any domain.local under the MicrosoftDNS and since deleting domain.local from the main tree is rather radical I wanted clarification.

See In-Line Responses

Allan

""Crina Li"" <[v-crinal@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:v-crinal@xxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:76niBHXqGHA.5740@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:76niBHXqGHA.5740@xxxxxxxxxxxxxxxxxxxxxxxx)

Hi Allan,

Thank you for posting in SBS newsgroup.

I am sorry for the delayed response due to weekend. Please understand that the newsgroups are staffed weekdays by Microsoft Support professionals to answer your systems and applications questions. Your understanding is greatly appreciated!

From your description, I understand the issue to be: the internal net logon turns slow after someone VPN to SBS. After a rebooting, the issue disappears. However there are 4004 and 4015 DNS errors in the event log.  
If I have misunderstood your concerns, please do not hesitate to let me know.

As I know, 4004 and 4015 could be caused by various network mis-configurations. I would suggest using the CEICW to default the network configuration.

825763 How to configure Internet access in Windows Small Business Server 2003  
<http://support.microsoft.com/?id=825763>

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In addition, you could check the following settings to confirm network configuration. Regarding the slow logon issue, please make sure the clients are pointing to only the SBS server.

For 2 NICs on SBS:

\*\*\*\* Yes

On SBS server:

External NIC:

IP: assigned by your ISP or your hardware router \*\*\*\*\*Hardware router address

Gateway: your ISP or your Hardware router IP \*\*\*\*\*Hardware router IP

DNS: SBS INTERNAL NIC IP as the only entry \*\*\*\*\* Internal NIC only

Internal NIC:

IP: Fixed IP \*\*\*\*\* Fixed IP

Gateway: None \*\*\*\*\*None

DNS: SBS INTERNAL NIC IP as the only entry \*\*\*\*\*Internal NIC IP Only

In the DNS console (dnsmgmt.msc), right click your ServerName and click properties. In the Forwarders tab, your ISP DNS server IP should be inputted there. \*\*\*\*\*Dns Addresses Verified

On workstation inside your SBS local subnet

IP: Assigned by DHCP on SBS \*\*\*\*\*DHCP

Gateway: SBS internal NIC IP \*\*\*\*\*From DHCP

DNS: SBS INTERNAL NIC IP as the only entry \*\*\*\*\*DNS Obtained Automatically

Also the events 4004 and 4015 may be logged if the DNS zone information is corrupted. Let's perform these steps:

A. Open Active Directory Users and Computers, click View, Advanced.

\*\*\*\*\*OK

B. Expand domain.local -> System -> MicrosoftDNS and delete domain.local.

\*\*\*\*\*There is no domain.local under MicrosoftDNS !!!! See Attachment

C. Open the DNS console, expand Forward Lookup Zones.

D. Click \_msdcs.domain.local and delete the Alias for sbsserver.domain.local (the long GUID entry).

NOTE: If the \_msdcs folder is missing under domain.local, please create a

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new delegation: Right-click domain.local, select new, then delegation, click next on the wizard, under delegated domain, type in \_msdcs and click next, click Add and browse to the server's A record under Forward Lookup Zones, domain.local, click OK and Finish.

F. Run these commands:

```
ipconfig /flushdns  
ipconfig /registerdns
```

```
net stop netlogon  
net start netlogon
```

```
net stop dns  
net start dns
```

And then check if the events 4015 and 4004 are still being logged.

I appreciate your time and look forward to hearing from you.

Best regards,

Crina Li (MSFT)

Microsoft CSS Online Newsgroup Support

Get Secure! – [www.microsoft.com/security](http://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 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.

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Any input or comments in this thread are highly appreciated.

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| From: "Allan Sabiski" <allans\*nospam\*@ics-limited.com>  
| Subject: VPN generates Internal Network logon problem  
| Date: Fri, 14 Jul 2006 16:59:56 -0400  
| Lines: 24  
| X-Priority: 3  
| X-MSMail-Priority: Normal  
| X-Newsreader: Microsoft Outlook Express 6.00.2900.2869  
| X-RFC2646: Format=Flowed; Original  
| X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2869  
| Message-ID: <uJXH3h4pGHA.4368@xxxxxxxxxxxxxxxxxxxxxx>  
| Newsgroups: microsoft.public.windows.server.sbs  
| NNTP-Posting-Host: 66.153.88.130  
| Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTNGP05.phx.gbl  
| Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.sbs:281488  
| X-Tomcat-NG: microsoft.public.windows.server.sbs

| We have a SBS2003 premium with ISA 2004.

| Most times, whenever someone logs in and out via VPN, existing connections

| seem to be fine, however, when a client logs in after the VPN connection,

| then the NETLOGON process (and all other authentication) is painfully slow.

| DHCP seems to also sometimes fail to generate a DHCP address to the client.

| When the problem exists, there are no error messages reported at the server,

| the server health status seems to be fine.

| The problem is cleared by rebooting the server and clients. This does seem

| to show some DNS error records. 4004 Unable to complete directory service

| enumeration and 4015 DNS server encountered a critical error from the Active

| Directory extended error 51.

| Under normal circumstances without using VPN there seem to be no errors and

| everything runs normal.

| Any ideas where to start looking ?

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| Thank  
| Allan  
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