

## RE: ISA 2004 and the internet connection

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-08/msg04901.html>

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  - *Date:* Fri, 25 Aug 2006 02:18:14 GMT
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Hi LMI,

Thank you for posting in SBS newsgroup.

From the description, I understand the issue to be: Internet access became slow after you upgrade ISA 2000 to ISA 2004 for a month. If I have misunderstood your concerns, please do not hesitate to let me know.

To narrow down the problem, would you please help me collect the following information?

1. After finishing the installation, have you rerun CEICW?
2. If you are using ISA server 2004, did you also upgrade the firewall client application of the workstations? If you disable the firewall client and only enable the proxy settings in IE, will the issue be resolved?
3. Try to connect a client computer directly to the internet. Does the speed seem ok?

Currently, please check the following steps to see if it helps:

1. Increase the value of Connection Limits from 40 to 160 on ISA 2004:

Open the ISA Server management console, navigate to Configuration-> General-> Define Connection Limits-> Connection Limit-> Limit the number of connection-> Connection limit per client (TCP and non-TCP).

2. Rerun the CEICW and then check if the issue can be resolved. Open Server Management console, navigate to 'To Do List'. Click 'Connect to the internet' in the right panel.
3. If the issue began to occur after you applied SBS 2003 SP1. The problem could be related to the update. Please try the following fix to see if the problem can be resolved:

898060 Installing security update MS05-019 or Windows Server 2003 Service Pack

<http://support.microsoft.com/?id=898060>

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Also please check if you have configured SBS and client computer correctly:

For 2 NICs on SBS:

On SBS server:

External NIC:

IP: assigned by your ISP or your hardware router

Gateway: your ISP or your Hardware router IP

DNS: SBS INTERNAL NIC IP as the only entry

Internal NIC:

IP: Fixed IP

Gateway: None

DNS: SBS INTERNAL NIC IP as the only entry

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.

On workstation inside your SBS local subnet

IP: Assigned by DHCP on SBS

Gateway: SBS internal NIC IP

DNS: SBS INTERNAL NIC IP as the only entry

I also provide some documents for your reference:

839510 You experience slow Web browsing performance on internal client

<http://support.microsoft.com/?id=839510>

837572 Performance tuning options for Internet Security and Acceleration  
Server 2004

<http://support.microsoft.com/default.aspx?scid=kb:EN-US:837572>

ISA Server 2004 Performance Best Practices

<http://www.microsoft.com/technet/prodtechnol/isa/2004/performancebestpractices.mspx>

How to configure networks in ISA Server 2004

<http://support.microsoft.com/?id=867483>

What's New and Improved in ISA Server 2004

<http://www.microsoft.com/isaserver/evaluation/whatsnew.asp>

ISA Server 2004 Quick Start Guide

[http://download.microsoft.com/download/3/7/b/37b0cbc4-e578-4082-a779-de4f8e876f06/ISA2004SE\\_quickstartguide-Rev%201%202003.doc](http://download.microsoft.com/download/3/7/b/37b0cbc4-e578-4082-a779-de4f8e876f06/ISA2004SE_quickstartguide-Rev%201%202003.doc)

ISA Server 2004 ISA Server 2004 Configuration Guide

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[http://download.microsoft.com/download/3/7/b/37b0cbc4-e578-4082-a779-de4fbe876f06/ISA2004SE\\_configguide-Rev%201%2003.doc](http://download.microsoft.com/download/3/7/b/37b0cbc4-e578-4082-a779-de4fbe876f06/ISA2004SE_configguide-Rev%201%2003.doc)

325487 How to troubleshoot network connectivity problems  
<http://support.microsoft.com/?id=325487>

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.

Any input or comments in this thread are highly appreciated.

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| Thread-Topic: ISA 2004 and the internet connection  
| thread-index: AcbHJ7c3KExl2Z4QsObEGTjJHzQ==  
| X-WBNR-Posting-Host: 68.85.129.29  
| From: =?Utf-8?B?TE1J?= <LMI@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
| Subject: ISA 2004 and the internet connection  
| Date: Wed, 23 Aug 2006 19:48:01 -0700  
| Lines: 6  
| Message-ID: <1CE6E9C3-C801-4833-83D4-E8EBACD72087@xxxxxxxxxxxx>

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| MIME-Version: 1.0  
| Content-Type: text/plain;  
| charset="Utf-8"  
| Content-Transfer-Encoding: 7bit  
| X-Newsreader: Microsoft CDO for Windows 2000  
| Content-Class: urn:content-classes:message  
| Importance: normal  
| Priority: normal  
| X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.1830  
| Newsgroups: microsoft.public.windows.server.sbs  
| Path: TK2MSFTNGXA01.phx.gbl  
| Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.sbs:292484  
| NNTP-Posting-Host: TK2MSFTNGXA01.phx.gbl 10.40.2.250  
| X-Tomcat-NG: microsoft.public.windows.server.sbs

| After several month of moving from ISA 2000 to ISA 2004 i notice that my  
| internet is really slow. What is going on? I mean this never happend  
| before.

| My users will go onto a website (ex: msn.com) and it will take forever to  
| load. We have a T-1 line connection. Sometime the pages will load fast  
| other

| time they will load slow. I just not understanding what is going on with  
| the

| new ISA server should somthing be opened up more?  
|

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