

Re: ISA 2004 & companyweb

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-01/msg00663.html>

- *From:* v-edtian@xxxxxxxxxxxxxxxxxxxxxxxx (Edward Tian)
 - *Date:* Thu, 05 Jan 2006 01:39:05 GMT
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Dear Danny,

Thanks for your update.

I think we have found the root case. As I mentioned before, if the "Bypass proxy server for local addresses" option is enabled in IE, the client computer will not send the HTTP request to the ISA firewall. Instead, it will perform the DNS resolution by itself and send the HTTP request directly to the website. However, since the companyweb is built on the SBS Server, the traffic will still be handled by the ISA Server because the traffic is between two different networks: Internal and Local Host.

Note: If the website is hosted on a member server which is also located in the internal network, then the HTTP request will be sent directly to the member server other than the ISA. In that case, ISA will never have the chance to inspect the traffic because all the traffic is transferred in the Internal Network.

In your case, since the companyweb is hosted on the SBS Server itself, the HTTP GET request will be sent to the ISA Server. Due to the fact that the "Bypass proxy server for local addresses" option is disabled, web proxy client is not responsible for sending the credential to the ISA proxy engine. Instead, the SecureNAT client will take the responsibility to forward the HTTP request to the ISA's firewall service. (The firewall service will then redirect the traffic to the ISA's web proxy engine)

The most significant thing here is that the SecureNAT client is unable to forward the credential to the ISA Server, the HTTP GET request will be regarded as ANONYMOUS by the ISA Server. Since the authentication is enabled on the ISA and no credential can be provided, the request will be denied by the ISA and HTTP 403 access denied error occurred.

The reason why companyweb is accessible when un-checking the "Bypass proxy server for local addresses" option is that: The web proxy client can send the user credential to the ISA's web proxy engine so that the request can be authenticated by the ISA and allowed to pass through.

As I mentioned, to access an internal website, the recommended

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configuration on the client computer is enabling the proxy and checking the "Bypass proxy server for local addresses" option. Here, the "internal website" means the website which is hosted on the internal member server other than the ISA firewall.

Hope the above clarification addresses your concern.

I notice that you meet a new problem regarding the access to an internal website. If you prefer, could you create a new thread on that issue? This will help to make the thread clean and my colleagues and I can work on the new issue with you on that thread. Thanks for your understanding!

Please let me know if you have further concerns.

Have a nice day!

Best Regards
Edward Tian(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 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: "Danny Liberty" <dliberty@xxxxxxxxxx>
| Newsgroups: microsoft.public.windows.server.sbs
| Subject: Re: ISA 2004 & companyweb
| Date: 4 Jan 2006 11:37:32 -0800

Re: ISA 2004 & companyweb

| Organization: <http://groups.google.com>
| Lines: 15
| Message-ID: <1136403452.256726.229700@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
| References: <1135454205.630378.211550@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
| <1136327019.808510.96440@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
| <e3Mgh0PEGHA.1888@xxxxxxxxxxxxxxxxxxxxxxxx>
| <1136400534.453102.117880@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
| NNTP-Posting-Host: 80.178.209.188
| Mime-Version: 1.0
| Content-Type: text/plain; charset="iso-8859-1"
| X-Trace: posting.google.com 1136403457 21465 127.0.0.1 (4 Jan 2006
19:37:37 GMT)
| X-Complaints-To: groups-abuse@xxxxxxxxxxx
| NNTP-Posting-Date: Wed, 4 Jan 2006 19:37:37 +0000 (UTC)
| In-Reply-To: <1136400534.453102.117880@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
| User-Agent: G2/0.2
| X-HTTP-UserAgent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1;
InfoPath.2; .NET CLR 2.0.50727),gzip(gfe),gzip(gfe)
| X-HTTP-Via: 1.1 Cache-LNS-PT-Stack-1 (NetCache NetApp/5.6.2R1)
| Complaints-To: groups-abuse@xxxxxxxxxxx
| Injection-Info: g44g2000cwa.googlegroups.com; posting-host=80.178.209.188;
| posting-account=u8AvCA0AAAD1liAqRATfkseTNIBPzfpY
| Path:
TK2MSFTNGXA02.phx.gbl!TK2MSFTNGP08.phx.gbl!newsfeed00.sul.t-online.de!t-onli
ne.de!border2.nntp.dca.giganews.com!border1.nntp.dca.giganews.com!nntp.gigan
ews.com!postnews.google.com!g44g2000cwa.googlegroups.com!not-for-mail
| Xref: TK2MSFTNGXA02.phx.gbl microsoft.public.windows.server.sbs:234074
| X-Tomcat-NG: microsoft.public.windows.server.sbs

| Ok I think I've made some progress understand this issue. Looking at
| the ISA logs, I notice that when trying to access <http://companyweb> and
| Bypass Web proxy is CHECKED, I see that the connection is closed by ISA
| since the user is anonymous.

| The only question is, how could it be ISA is evening logging the
| request if IE is configured to bypass the web proxy?
| The same happens with other browsers (such as firefox) even when I
| don't configure any proxy at all!
| The way I see it, it should be a direct connection i.e. internal client
| -> server. Why is ISA still in the middle???

| Thanks,

| Danny

• *Follow-Ups:*

Re: ISA 2004 & companyweb

◆ *Re: ISA 2004 & companyweb*

◇ *From:* Danny Liberty

• *References:*

◆ *Re: ISA 2004 & companyweb*

◇ *From:* Danny Liberty

• Prev by Date: *Re: Telnet connection*

• Next by Date: *Re: Questions re SBS and Public Websites*

• Previous by thread: *Re: ISA 2004 & companyweb*

• Next by thread: *Re: ISA 2004 & companyweb*

• Index(es):

◆ *Date*

◆ *Thread*