

RE: access internal resources using external fqdn

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-11/msg04101.html>

- *From:* v-brancee@xxxxxxxxxxxxxxxxxxxxxxxx ("Brandy Nee [MSFT]")
 - *Date:* Mon, 28 Nov 2005 07:22:04 GMT
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Hello Loane,

Thank you for posting to the 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!

I am sorry that from your description, I cannot have a clear image what exact issue you are experiencing. I assume that you want to use your public FQDN to access your SBS resources from the Internet. If I have misunderstood your concern, please feel free to let me now.

If my assumption is right, you should have a registered public domain name such as Mycompany.com first and ask your ISP to create an A record such as mail.mycompany.com to point to your SBS server's public IP. Then run Configure E-mail and Internet Connection Wizard (CEICW) to create a mail.mycompany.com certificate and publish the sites. Thus, you can use mail.mycompany.com to access OWA, RWW and other published sites. To use SBS to receive Internet emails through SMTP, your ISP should create a MX record and point it to the A record.

Please see my following steps to rerun CEICW Wizard.

1. Log in the server as Administrator.
2. Expand Server Management\Standard Management\To Do List.
3. Click the "Connect to the Internet" link.
4. Choose the correct connect type and configure your network. You can choose Do not change connection type if you have correctly configured it before.
5. Proceed to the Firewall page, select "Enable firewall" and click Next.
6. Proceed to Services Configuration page, select all the items and then

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click Next.

7. In the Web Services Configuration page, make sure that "Allow access to the entire Web site from the Internet" is selected. If you select "Allow access to only the following Web site services from the internet", make sure both of the "Outlook Web Access" and "Remote Web Workplace" items are selected. Click OK.

8. On the "Web Server Certificate" page, choose to create a new Web server certificate and then type the public FQDN that you will use to access OWA (for example, if your public FQDN that you use to access the sites is mail.domain.com, you should type mail.domain.com as the new certificate name). If you already requested a certificate with the name "mail.domain.com" from a third party CA, you can choose "Use a Web server certificate from a trusted authority" and then import the certificate.

9. Go through the remaining steps. The wizard will automatically configure the SBS 2003 Basic Firewall to securely publish the two sites.

10. If you have a router or hardware firewall, configure it to forward inbound traffic on TCP port 80 and 443 to the SBS server's external address.

11. Check if you can access OWA and RWW using <https://mail.domain.com/exchange> and <https://mail.domain.com/remote>.

For more detail steps, please see:

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

I also suggest that you have a look the following KB article regarding domain name we recommend for SBS:

Generally, it is no limitation that to name your internal and external domain. However, it is recommend that you use .local suffix for your internal domain name, since .local is not allowed to use on the internet and it can protect your internal resource from exposing to the internet.

296250 The Domain Name System Name Recommendations for Small Business Server
<http://support.microsoft.com/?id=296250>

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If the issue persists, please help to gather following information for us to perform further research:

So please help to gather following information for further research:

1. Your thread subject is "access internal resources using external fqdn", I have following questions:

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- a. How did you access? For example, RWW, OWA, VPN?
 - b. What is the "internal resources" you are trying to access? For example, SharePoint, Server or Client workstation desktop?
 - c. What is the "external fqdn"?
 - d. Does your issue is – you cannot access internal resources using external FQDN from the Internet?
 - e. Can you access "internal resources" in LAN?
2. In your email body, you mentioned "I'm trying to access internal resources using our fully qualified domain name on our SBS 2003 network." Does this "fully qualified domain name" is the FQDN you registered in your ISP?
3. You mentioned "SMTP server, bypassing Exchange", I assume that you are using the third party SMTP Server, for example, ISP SMTP Server. Am I right?
4. I need to know how you "refer to the FQDN in the SMTP and POP server". Do you mean:
- a. Open Outlook -> Tools -> E-mail Accounts.
 - b. Add a new e-mail account.
 - c. Server Type: POP3.
 - d. In the Internet E-mail Settings (POP3) page, you input your ISP SMTP Server FQDN in the Server Information blanks.

Am I right?

Please take your time to perform the steps and gather the information. If anything is unclear, please feel free to let me know. I am looking forward to hearing from you!

Best regards,

Brandy Nee

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.

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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: "Loane Sharp" <look_sharp_not@xxxxxxxxxxxx>
>Subject: access internal resources using external fqdn
>Date: Sat, 26 Nov 2005 02:05:30 +0200
>Lines: 26
>X-Priority: 3
>X-MSMail-Priority: Normal
>X-Newsreader: Microsoft Outlook Express 6.00.2900.2670
>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2670
>X-RFC2646: Format=Flowed; Original
>Message-ID: <uLezf0h8FHA.3380@xxxxxxxxxxxxxxxxxxxxxx>
>Newsgroups: microsoft.public.windows.server.sbs
>NNTP-Posting-Host: rbmf-ip-nas-1-p372.telkom-ipnet.co.za 155.239.97.116
>Path: TK2MSFTNGXA02.phx.gbl!TK2MSFTNGP08.phx.gbl!tk2msftngp13.phx.gbl
>Xref: TK2MSFTNGXA02.phx.gbl microsoft.public.windows.server.sbs:225610
>X-Tomcat-NG: microsoft.public.windows.server.sbs
>
>Hi there
>
>I'm trying to access internal resources using our fully qualified domain
>name on our SBS 2003 network. For example, I sometimes send mails
>(directly
>from the SMTP server, bypassing Exchange) from the office, from home, and
>on
>the road and I need to refer to the FQDN in the SMTP and POP server
>details
>so that this setting works both out of the office and in the office. To
>give

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>another example, I need to be able to test HTTP uploads using the BITS
>service using our FQDN, since our clients will obviously not have access
to
>the internal network name when making these uploads.
>
>I've consulted several KB articles ... KB828054 ("You cannot open a Web
page
>that is on a Windows Small Business Server 2003-based server by using its
>FQDN"), KB300679 ("Internal Web clients are unable to access an
>externally-hosted Web site") and KB829039 ("Internal client computers
cannot
>connect to the externally accessible fully qualified domain name of the
>Windows Small Business Server 2003-based server").
>
>Am I totally off track?
>
>Please help
>
>Best regards
>Loane
>
>
>

• **References:**

- ◆ [access internal resources using external fqdn](#)
◇ From: Loane Sharp

- Prev by Date: [Re: Time limitation for cached credentials?](#)
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