

# Re: Publish Web Server behind SBS 2003 Standard

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-05/msg03716.html>

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- *From:* [jointtechnologiesltd@xxxxxxxxxx](mailto:jointtechnologiesltd@xxxxxxxxxx)
  - *Date:* 22 May 2007 22:10:53 -0700
- 

I ended up plugging another router into the WAN. then changed the default gateway on the webserver to point to the router instead of the sbs. however the router gets its DNS from the SBS as well. Everything works internally and I can access the website without the : 8080

thanks for your replies.

On Apr 27, 12:14 am, v-ter...@xxxxxxxxxxxxxxxxxxxxxx (Terence Liu [MSFT]) wrote:

Hello Customer,

Thank you for posting here.

According to your description, I understand that you want to forward http connection from SBS2003standard to internal website. If I have misunderstood the problem, please don't hesitate to let me know.

First, we do not support install more than 2 NIC on SBS, that will cause some unknown issue.

Based on my research, I have 3 methods to work around your issue:

Method 1: Make SBS as single NIC

1. Remove or disable the other NICs on SBS, to make it as a single NIC on SBS.
2. Please run the CEICW  
Go through the follow KB and Rerun CEICW again carefully.

How to configure Internet access in Windows Small Business Server 2003 <http://support.microsoft.com/kb/825763/en-us>

3. Connect SBS and internal clients to a switch, then to your Router. After that, use Router to do NAT, listening on different IPs or Ports, and forward to different internal servers.

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### Method 2: Different ports

- 1) Run rrasmgmt.msc in SBS2003
- 2) Extend IP Routing and you should see the NAT/Basic Firewall node
- 3) Highlight NAT/Basic Firewall and you will see SBSserverexternal network interface on right (By default the interface name should be "Network Connection").
- 4) Right-click Network Connection interface select Properties
- 5) Click Address Pool, click Add button,
- 6) Input the additional public IP address and the Start address and End address box, then input net mask of this IP address, click OK
- 7) Click Services and Ports tab, click Add button
- 8) Enter the description, select On this address pool entry, input the additional public IP, select TCP, input 80 in Incoming port box, input 10.0.0.5 in Private address box, input 80 in Outgoing port box.
- 7) Click OK twice

Then you can access the website via <http://www.domainname.com:8080> or <http://PublicIP:8080>

### Method 3: Different public IPs

1. Please run the CEICW  
Go through the follow KB and Rerun CEICW again carefully.

How to configure Internet access in Windows Small Business Server 2003 <http://support.microsoft.com/kb/825763/en-us>

2. Add second public IP on the SBSexternal NIC
3. Forward port in RRAS
- 1) Run rrasmgmt.msc in SBS2003
- 2) Extend IP Routing and you should see the NAT/Basic Firewall node
- 3) Highlight NAT/Basic Firewall and you will see SBSserverexternal network interface on right (By default the interface name should be "Network Connection").
- 4) Right-click Network Connection interface select Properties
- 5) Click Services and Ports tab, click Add button

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6) Enter the description, select TCP, input 8080 (any other different of 80) in Incoming port box, input 10.0.0.5 in Private address box, input 80 in Outgoing port box.

7) Click OK twice

Then you can access the website via <http://www.domainname.com> or <http://AdditionalPublicIP>

Note: If you add more than one IP address on SBS network interface, the CEICW will be broken. So we can not run CEICW again after the steps.

Hope these steps will give you some help.

Thanks and have a nice day!

Best regards,

Terence Liu (MSFT)

Microsoft CSS Online Newsgroup Support

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

=====  
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: jointtechnologies...@xxxxxxxxxx

Re: Publish Web Server behind SBS 2003 Standard

| Newsgroups: microsoft.public.windows.server.sbs  
| Subject: PublishWebServerbehindSBS2003Standard  
| Date: 25 Apr 2007 22:16:35 -0700  
| Organization: <http://groups.google.com>  
| Lines: 62  
| Message-ID: <1177564595.037724.200...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
| NNTP-Posting-Host: 208.179.125.107  
| Mime-Version: 1.0  
| Content-Type: text/plain; charset="iso-8859-1"  
| X-Trace: posting.google.com 1177564602 20639 127.0.0.1 (26 Apr 2007  
05:16:42 GMT)  
| X-Complaints-To: groups-ab...@xxxxxxxxxx  
| NNTP-Posting-Date: Thu, 26 Apr 2007 05:16:42 +0000 (UTC)  
| User-Agent: G2/1.0  
| X-HTTP-UserAgent: Mozilla/5.0 (Windows; U; Windows NT 5.1; en-US;  
rv:1.8.1.3) Gecko/20070309 Firefox/2.0.0.3, gzip(gfe), gzip(gfe)  
| X-HTTP-Via: 1.1 JTLSERVER1  
| Complaints-To: groups-ab...@xxxxxxxxxx  
| Injection-Info: t38g2000prd.googlegroups.com;  
posting-host=208.179.125.107;  
| posting-account=eR1cRA0AAAD8LQi74ZHdx504lv1DOuSg  
| Path:  
TK2MSFTNGHUB02.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTFEEDS02.phx.gbl!newsfeed0  
0.sul.t-online.de!t-online.de!border2.nntp.dca.giganews.com!nntp.giganews.co  
m!out03b.usenetserver.com!news.usenetserver.com!in02.usenetserver.com!news.u  
senetserver.com!postnews.google.com!t38g2000prd.googlegroups.com!not-for-mai  
l  
| Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.server.sbs:32698  
| X-Tomcat-NG: microsoft.public.windows.server.sbs  
|  
| Port forwarding SBSStandard  
|  
| I have 2 NICSBS2003Standard. I have 5 useable Public IPs I can  
| use. Currently I'm using one of them.  
| I need to host a webserverbehindthe SBSie insde the LAN because it  
| needs to access theSBSas well as being publicly visable.  
|  
| In the past (and Curently in my home setup) I have forwarded certain  
| ports to a LAN IP. This was fine when it was a portSBSdidnt use  
| anyway. I did this in routing and remote access snapin - nat/basic  
| firewall and adding a new service port and forwarding it to the  
| internal IP.  
|  
| With ISA it would be easy to use either host headers or filter traffic  
| by IP by simply publishing the webserver.  
|  
| Unfortunately I'm dealing withStandardso no ISA...  
|  
| So after all that, my question is how can I make port 80 and port 22  
| publically accesable from inside the lan without breakingSBSRWW/OWA  
| etc? I can do this using Host headers or IP address.

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| OK so after hours of playing in routing and remote access I'm no  
| closer. I have tried adding the other IP address to the network  
| connection. This is no good and SBS loses it internet access.  
| I tried adding an IP address pool to the WAN interface and reserving a  
| public IP for a private computer. This did nothing.

| So From all my playing in RRAS I decided I had it mastered LOL and  
| figured if I got a 3rd NIC I could give it the IP I wanted and then  
| send everything to my internal IP through it. NO GO.

| However when I go to the website I can see the 3rd NIC accepting  
| packets. I also can view mappings on the interface and see the  
| correct public and private IPs and even my remote IP however the page  
| times out in my browser.

| I can go to the server from inside the network no problem.

| I tried again adding the ips to the 3rd NICs interface. Tried basic  
| firewall only. Tried With and Without NAT on the interface. Tried  
| reserving an address from the address pool and tried with no  
| firewall. I made sure the service ports on the interface had 80  
| pointing to the inside IP.

| I'm at a loss. This seems possible with 3 NICs but I can't quite get  
| it.

| network is

| internet

| Covad Router – Wide open

| SBS2003

| NIC2 – Public SBS/Exchange IP (RWW,OWA,SMTP)

| NIC3 – Public IP of Website.

| NIC1 – Internal IP 10.0.0.4

| LAN

| Webserver – Fedora/Apache 10.0.0.5