

# Re: Netopia 3347NWG with Remote Desktop and Remote Web Workplace

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2008-05/msg02080.html>

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- *From:* Greg Kirkpatrick <[GregKirkpatrick@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:GregKirkpatrick@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 15 May 2008 06:33:00 -0700
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My server's FQDN (as stated on its Web Server Certificate and in the A record of the hosting company's DNS entries) is sbs2003.thenameofthecompanygoeshere.com, so the address that I have been using to try to get to RWW is <https://sbs2003.thenameofthecompanygoeshere.com/remote>. However, if the IP address restriction for the Default Website is changed back to normal, when trying to use RWW, I get "You are not authorized to view this page"; with the restrictions lifted, I get "Page cannot be found". Pinging "sbs2003.thenameofthecompanygoeshere.com" results in the static IP assigned by the ISP, 72.xxx.xxx.xxx, and (JUST AS A TEMPORARY TEST) with the permission restrictions lifted on Default Website, <http://sbs2003.thenameofthecompanygoeshere.com> brings up the Default Website externally. This proves that the issue is not DNS related.

These ports are properly forwarded to the server's External (WAN) Ethernet adapter (192.168.1.10): 443, 444, 3389, and 4125. Per Susan Bradley's blog, 443 and 4125 are needed for RWW, 444 allows Sharepoint (companyweb) to be reached externally, and 3389 allows Terminal Services (Remote Desktop Connection) externally. As soon as I forwarded 3389, RDC started working to that server from my office laptop.

From an internal (LAN) workstation, when trying to go to

<https://sbs2003/remote>, I also get the same results; and on that workstation, while <http://companyweb> will appear, clicking "Remote Server Management" also results in "Page cannot be found". Pinging "sbs2003" from the workstation provides responses from 192.168.16.2 — the server's LAN address. Opening <http://companyweb> on the server itself gives the same results.

"Merv Porter [SBS-MVP]" wrote:

You should not have to play with the IP address restrictions for Default WebSite. You need to forward the proper ports in the router to your external SBS NIC. The access RWW via

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<https://<YourServersFullInternetNameAsInputOnYourWebServerCert>/remote>

Example:

<https://mail.mycompany.com/remote>

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Merv Porter [SBS-MVP]

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"Greg Kirkpatrick" <GregKirkpatrick@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:555A1A7E-56E2-48A8-B9B1-38A948D064AC@xxxxxxxxxxxxxxxxxxxx>

I have temporarily changed the IP address restrictions for Default WebSite in IIS Admin, so all are now Granted Access. It is now possible to navigate to <http://sbs2003.domain.com>, and the default website appears.

However, companyweb (My internal website) goes to <http://companyweb>, which of course results in "Internet Explorer cannot display the webpage".

All other links (Network Configuration Wizard, Remote Web Workplace, and Information and Answers) bring up "The page cannot be found".

Directly going to <https://sbs2003.domain.com/Remote> now results in "The page cannot be found" instead of the previous "You are not authorized to view this page".

"Greg Kirkpatrick" wrote:

I changed IP of the WAN Ethernet adapter in the SBS 2003 to 192.168.1.10, and set the Gateway to the Netopia's IP of 192.168.1.254. I reran CEICW as suggested, including Web Server Certificate.

I changed the Netopia 3347NWG, so IP Passthrough is disabled, and I rebooted it. I then defined these new services in the Netopia's Expert Mode / Configure / NAT -- SSL (port 443), Terminal Services (port 3389), and Remote

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Web Workplace (port 4125). I enabled each of these services there, pointing them to 192.168.1.10.

Remote Desktop Connection is now working to sbs2003.domain.com.

However, when I attempt externally to go to <http://sbs2003.domain.com/Remote>, I get "You are not authorized to view this page". Obviously, it is making a connection, but something is wrong for RWW in the server.

"Merv Porter [SBS-MVP]" wrote:

Hi Greg,

Any help here?

Port Forwarding for the Netopia 3347NWG

[http://portforward.com/english/routers/port\\_forwarding/Netopia/3347NWG/SuperSyn](http://portforward.com/english/routers/port_forwarding/Netopia/3347NWG/SuperSyn)

You will need to forward ports 443, 4125 (both relating to RWW) and 3389 (for RDP use) to your SBS external NIC. Then re-run CEICW, enable the firewall, select your services, complete the Web Server Certificate screen and finish the rest of CEICW.

IMO, discarding external ping (not being able to ping the router) is a good thing since it makes you a smaller target on the Internet.

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Merv Porter [SBS-MVP]

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"Greg Kirkpatrick"  
<GregKirkpatrick@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote in  
message

Re: Netopia 3347NWG with Remote Desktop and Remote Web Workplace

news:960F5D02-CBEF-4A02-A2A7-386BA3525606@xxxxxxxxxxxxxxxxxxxx

I currently have a Netopia 3347NWG, using PPOE to connect to Deltacom (a local DSL), which is connected to the WAN Ethernet Adapter of an SBS 2003 Premium R1 (ISA not installed). The LAN Ethernet Adapter (of the SBS) is set to 192.168.16.2 and is connected to a switch into which is connected the rest of the office network.

IP passthrough is enabled in the Netopia's Expert – Configuration section to User Configured PC, and the WAN Ethernet Adapter has the static IP address (72.xxx.xxx.xxx).

Despite that, external ping and RWW and RDP will not work.

Internally, I can use Remote Desktop from a workstation to access the server (via Remote Desktop Connection). I can also ping the server, on either the WAN or LAN adapter.

If I try to access RWW from the workstation via <https://sbs2003/Remote>, I

get "Internet Explorer cannot display this webpage".

If I try to access RWW from a workstation in the LAN via <https://192.168.16.2/Remote>, I get "There is a problem with this website's security certificate", and if I then click "Continue to this website (not recommended)", I get "The page cannot be found" (HTTP error 404).

In IIS Admin, Default Website is running and can be browsed; companyweb also is running and can be browsed.

Remote Access directly into the Netopia setup works, via <http://72.xxx.xxx.xxx:8080>.

Obviously, this needs to be changed, but prior message strings refer to configuration settings which do not seem to be present on this Netopia model.

There is a telnet access available to this Netopia, from a local workstation, which seems to provide a lot more options -- with little helpful instruction. The userguide for the 3300 series models refers to nice

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menus  
appearing in the telnet  
session, but all I see are  
line-by-line  
responses.