

Re: IIs 5.0 configuration problem in windows server 2000 -- can't connect to default web site from internet

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2004-02/0864.html>

From: Roland Hall (*nobody_at_nowhere*)

Date: 02/27/04

Date: Fri, 27 Feb 2004 01:43:23 -0600

"Avi" wrote:

: "Roland Hall" wrote:

:> "Avi" wrote:

:> : I recently installed windows server 2000, which, by default, is
:> : embedded with IIs 5.0 server. When I type <http://localhost> or
:> : <http://127.0.0.1> in the address bar of Internet Explorer, I do get to
:> : connect to the default website, but when I type my computer's IP
:> : address, I get the following error 'the page can not be displayed'.
:> : On the other end, when I go to MS Dos and ping the IP address, I do
:> : get a response (i.e., 4 lines of reply). My computer is connected,
:> : along with another two computers' into a router, and the router is
:> : connected to the internet with a DSL cable line.

:> :

:> : Even though my IP is dynamic, it remains constant as long as I don't
:> : turn off my cable modem. The way I get my IP address is by going to
:> : the following web site: <http://oi.sfsu.edu/cgi-bin/student/whatsmyip>
:> : .I'm planning to get one in the future, and all I do right now is
:> : testing the possibility to connect from outside to the default website
:> : with the IP that, though dynamic, can serve the purpose of carrying
:> : out that test, as I was told by the DSL cable company technician.
:> : My first question is whether I'm correct to assume that typing my IP
:> : address in the IE will display the default page of the Default
:> : website. And if that assumption is correct, then what am I missing in
:> : terms of configuration? I'm not so knowledgeable with the terminology,
:> : but I can say that there is no so-called 'friendly text' (I believe
:> : it's called DSN) associated with the default website. I have not
:> : populated any text field of any form whatsoever of windows 2000
:> : server (configuration form) with the IP address. Is it possible that
:> : an attempt to connect to the website through the server is not routed
:> : to the server, since the router is connected to the windows 2000
:> : server computer, and another 2 computers? In that case should I
:> : configure the router in some manner? Or is there something I need to
:> : do with respect to the setup of the IIS 5.0. I've tried to do several

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:> : things by trial and error, and none of my attempts yielded good
:> : results. I went to the router website (typing 192.168.0.1 in the IE
:> : address bar), and I placed my IP address in in fields where I believed
:> : doing so might direct attempted internet connectionto to open my
:> : default website, but of course it was all to no avail.
:> :
:> :
:> : It's been two days of actually my self being glued to the computer and
:> : trying to find a similar case like mine on the net, or maybe just
:> : plain instructions what one needs to do in order to achieve a
:> : connection from outside to my website through the IP address. All the
:> : explanations seem to relate a bit to my problem, but none is adequate.
:> :
:> : If someone could help me in that matter, I will be greatly
:> : sppreciative. I have a hunch that the solution to the problem is so
:> : simple that it hardly even merits being documented, but of course, to
:> : me, someone to whom this all configuartion stuff is new, let alone the
:> : terminology, it can take forever unless someone can pour some light on
:> : the issue.
:> :
:> : Inside your private network you can get to your IIS server, if it is
also on
:> : your private network by the IP address, the computer name or the FQDN
(fully
:> : qualified domain name).
:> :
:> : When you say, "my computer", do you mean your workstation or your server
:> : running IIS?
:> :
:> : If your router is 192.168.0.1 and your server is 192.168.0.2, then you
could
:> : get there with <http://192.168.0.2>
:> : If you are OUTSIDE your private network, the you have to use your PUBLIC
IP
:> : address or public FQDN, which your ISP manages. Your router will have
to
:> : route port 80 inbound to the private IP address of your web server.
:> :
:> : HTH...
:> :
:> : --
:> : Roland Hall
:> : /* This information is distributed in the hope that it will be useful,
but
:> : without any warranty; without even the implied warranty of
merchantability
:> : or fitness for a particular purpose. */
:> : Online Support for IT Professionals -
:> :
<http://support.microsoft.com/servicedesks/technet/default.asp?fr=0&sd=tech>
:> : How-to: Windows 2000 DNS:

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: > <http://support.microsoft.com/default.aspx?scid=kb:EN-US:308201>

:

: Hi Rolland,

:

: Thank you for your prompt reply. Sorry for having been vague when I
: used the term 'my computer'. When I used it saying 'my computer's ip
: address' in my first post, I meant for the IP that each of the
: computers connected to the router will get when going to a website
: that tells the user of the Ip adress, such as
: <http://oi.sfsu.edu/cgi-bin/student/whatsmyip>. When I used the term my
: computer saying that it is 'is connected, along with another two
: computers' into a router' I meant for the computer where the default
: website and the IIS 5.0 is (192.168.0.2).

:

: I read what you said about OUTSIDE connection, and I would appreciate
: it if you could tell me what I have to do in order to use the PUBLIC
: IP

: to get from outside into the website. Do I need to tweak the router?

: If so, please tell me exactly what I need to do, since my previous
: attempts to change the settings did not really help me.

:

: Thank you in advance

When you link to the web site that tells you what it sees as your external (public) IP address, it is seeing what is assigned to your router. If your router is running NAT, then every internal user surfing the net uses the same external IP address. The router keeps track of what requests are made so returns can be routed appropriately.

However, if your ISP promotes your web server, in a DNS zone for your public IP address, then it will be pointing to the router's IP address. The same as what is seen as in the previous paragraph.

Ex. If your public IP address is: 200.200.200.200, then your router will have to allow port 80 (default port for web servers using HTTP protocol) inbound and route it to 192.168.0.2 (Internal IP address of your web server). The internal users will point to 192.168.0.2 to get to the web server because they are behind the router/firewall.

How you specifically set this on your router, depends on the make and model. If it is a SOHO router, most have a web interface and can be reached with a web browser using the internal IP address of the router or LAN Address of the router.

If the router is: 192.168.0.1 then <http://192.168.0.1> will get you there. You may be asked to provide a username and/or password to config the router. Most routers allow you to open up ports for TCP, UDP or both and sometimes both of them are referred to either as BOTH or IP. You may even have a list of known applications, with their associated ports where you can just enable them and the correct ports will be opened. All you have to provide beyond that is the internal destination IP address. This is a dynamic modification

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and generally does not require a reboot of the router.

Let me know if you need more help. I apologize for the delay in my response
but I'm having issues with VS.NET.

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Roland Hall

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