

Re: Perimeter Network Problem

Source:

<http://www.tech-archive.net/Archive/BackOffice/microsoft.public.backoffice.smallbiz2000/2005-12/msg00022.html>

- *From:* "Kathy" <vbtskje@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 5 Dec 2005 06:15:35 -0000
-

OK. So did you set up your router with separate subnets? Your description makes it very difficult to work out what IP are bound to what NIC on what machine. 255.255.255.224 (/27) would put 30 and 33 on different subnets, but 31 is the broadcast address and can't be used for a host. Have you checked that the router supports more than one subnet and that you have forwarded the port to the correct IP on the correct subnet?

If all that is correct, is the external DNS entry for the web server correct (external IP of router)?

Kathy

"treich71" <treich71@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:B453CA55-80FB-412D-BB04-3D83C617507B@xxxxxxxxxxxxxxxxxxxx>
> Then were can I find the right information to set up a perimeter network
or
> three-homed network. Because microsoft(
> <http://support.microsoft.com/default.aspx?scid=kb;en-us:313562>
>),ISAserver.org and the books I found shows using three NICs to set this
type
> of network up.
>
> "SuperGumby [SBS MVP]" wrote:
>
>> Really the only thing I can pick from that is that you have configured a
>> machine with two NICs in the same subnet. Someone who is not aware of
the
>> fact that you cannot have two NICs in the same subnet should not be
thinking
>> about configuring a public web server.
>>
>> "treich71" <treich71@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>> <news:C3A00C71-88B1-4947-8303-DCB11EAFA3CA@xxxxxxxxxxxxxxxxxxxx>
>> >I have a ZyXel presitige 645R modem/router. Port forwarding for port 80
>> >goes
>>> to the ip of the webserver. company has a static IP. Router gateway
>>> 192.168.1.1. SBS 2000 has everything but webserver. Webserver on
perimeter

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>>> network. 1st nic 192.168.1.30 is external network and 2nd nic is
>>> 192.168.1.31
>>> goes to webserver 192.168.1.33 and 3rd nic is internal
192.168.176.xxx.
>>> (A)
>>> host in DNS is set up and ISA has packet filtering just as in
microsoft KB
>>> 313562. All internal can access web site.
>>>
>>> I hope you understand all that.
>>>
>>> The problem is that no external boxes can access the web site.
>>>
>>> Anything Please.
>>
>>
>>

• **References:**

- ◆ **[Re: Perimeter Network Problem](#)**
 - ◇ *From:* SuperGumby [SBS MVP]
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