

## Re: Who's blocking these ports? Please help...

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**Date:** 01/31/03

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I can only help with where your not able to get with a browser.  
from the Pro boxes run pathping in the cmd window !

see where it is not getting. ping anything on the web.

then run netstat -r for a routing table , see what gives !

are you running a domain on w2k Adv Srv ?

if so , run dcdiag /v on the server

on the pro box run netdiag /v

you will need the windows 2000 ( sp# ) support tools installed for these

"Ben Mannino" <[bmannino@stny.rr.com](mailto:bmannino@stny.rr.com)> wrote in message  
news:GHI\_9.3456\$IK4.1017@twister.nyroc.rr.com...

> Hi,

>

> *Pulling my hair out for 2 days now...hope someone can help.*

>

> *Im running Win2000 Advanced Server w/IIS5 and 3 Windows XP*

> *clients running IE6. The entire setup is a hotel business center designed*

> *to*

> *allow pay-per-use web access to the guests.*

>

> *This feat is accomplished using two services running on the*

> *server – one is called Vicomsoft Internet Gateway (proxy server, IG for*

> *short)*

> *and the second is a custom built application designed to tell*

> *the IG which MAC addresses are allowed out. The*

> *IG basically takes over the TCP/IP routing and does this using*

> *two ports – the NAT port (10.10.10.61) and the Ethernet port*

> *(172.16.255.254).*

> *Each of these ports uses a NIC in the server. The 3COM for the NAT,*

> *and the Realtek for the LAN. The 3COM is connected to a router somewhere*

> *in the hotel. TCP/IP is unbound from this adapter as per the instructions*

> *from Vicomsoft (www.vicomsoft.com, if anyone is familiar with their*

> *products).*

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>  
> *The Realtek connects to a hub along with the 3 client PCs. The Realtek's*  
> *TCP/IP settings are as follows:*  
> *IP: 172.16.255.253*  
> *Subnet: 255.255.0.0*  
> *GW: 172.16.255.254*  
> *DNS: 172.16.255.254*  
>  
>  
> *Now on the surface, everything works fine. All the clients are assigned*  
*IPs*  
> *in the proper*  
> *range (172.16.255.1 – 172.16.255.3) by the IG and when a client opens*  
*their*  
> *web browser*  
> *they are able to open any web page without issue (the MAC address*  
> *restriction was*  
> *temporarily disabled for troubleshooting).*  
>  
> *The problem is, many guests checking their web-based email will enter a*  
*port*  
> *number at the end of their URL (ie, <http://www.mymailserver.com:8383>) and*  
> *then after a few seconds, the browser comes up with a "Page cannot be*  
> *displayed"*  
> *error. Same on all the clients – none of them have any type of proxy*  
> *setting in IE.*  
>  
> *If I take that same URL and enter it on the server's web browser, it comes*  
> *up*  
> *just fine. I figured somewhere, somehow, there's some kind of port*  
> *filtering going*  
> *on.*  
>  
> *I emulated their configuration here at home, but using Win2K Pro instead,*  
> *and it*  
> *works perfectly – I can enter any URL:port and it comes up fine, running*  
> *through*  
> *the IG. Therefore, I can only conclude that Win2K Adv Server has some*  
*type*  
> *of filtering enabled – but for the life of me I cannot find it.*  
>  
> *I spoke with Vicomsoft and they agree with me – their IG wont block those*  
> *ports.*  
>  
> *I checked the Advanced TCP/IP properties for both NICs and neither has any*  
> *filtering enabled. Someone suggested checking ISA and RRAS, and neither*  
*is*  
> *loaded or enabled. I tried looking at the security policies, but I can*  
*make*  
> *heads or*  
> *tails of it.*

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>  
> *I've never used Wink2K Adv Server, but I do know that when they installed*  
> *it,*  
> *they accepted all the default settings. I have a feeling that buried*  
> *somewhere deep*  
> *under the hood of this OS is a checkmark that I can clear to make this*  
**thing**  
> *work.*  
>  
> *Please help save my sanity by suggesting a testing method, network*  
**analyzer,**  
> *web site or control panel I can check to see where these ports are getting*  
> *stopped.*  
>  
> *Thanks very much in advance,*  
> *Ben M.*  
>  
>