

# Re: Assistance Setting up IP Filtering in a 2003 Routing Remote Access Server

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2007-02/msg00148.html>

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- *From:* "Nathaniel" <[nbentzinger@xxxxxxxx](mailto:nbentzinger@xxxxxxxx)>
  - *Date:* Mon, 12 Feb 2007 22:54:48 GMT
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Thanks Phillip.

I just realized that all my hard work will be for nothing because itunes, and music streaming servers use port 80 for streaming. How can I filter out this non work related traffic?

"Phillip Windell" <[@.](mailto:@.)> wrote in message [news:erF\\$OisTHHA.1200@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:erF$OisTHHA.1200@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Looks ok to me, other than I never heard of "TCP Established", I would think just the TCP would be "it". I might want the Destination Network to actually be a network instead of a single Host.

—  
Phillip Windell [MCP, MVP, CCNA]  
[www.wandtv.com](http://www.wandtv.com)

The views expressed (as annoying as they are, and as stupid as they sound), are my own and not those of my employer, or Microsoft, or anyone else associated with me, including my cats.

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"Nathaniel" <[nbentzinger@xxxxxxxx](mailto:nbentzinger@xxxxxxxx)> wrote in message [news:Yz0Ah.256620\\$L62.16257@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:Yz0Ah.256620$L62.16257@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Thank you Phillip for your reply:

So just as an example the Front End server which I Remote Desktop to should be setup like the following:  
Drop all packets except the criteria below:

External NIC Inbound Filter:  
Source Network: Any  
Destination Network: 192.168.100.102

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Protocol: TCP  
Src Port:  
Dest Port: 3389

External NIC Inbound Filter:  
Source Network: Any  
Destination Network: 192.168.100.102  
Protocol: TCP Established  
Src Port:  
Dest Port: 3389

"Phillip Windell" <@.> wrote in message  
[news:OXr6awJTHHA.1180@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OXr6awJTHHA.1180@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Filter on the External Nic. Not the Internal one.

Haven't messed with RRAS Filters in a long time and I don't have one here to look at. But focus on the external Nic,...then outbound is really outbound, and inbound is really inbound. That is backwards on the internal nic because it is "centric" to the RRAS box itself (like Cisco Routers do),...and there is no reason to filter at the internal nic anyway.

—  
Phillip Windell [MCP, MVP, CCNA]  
[www.wandtv.com](http://www.wandtv.com)

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"Nathaniel" <nbentzinger@xxxxxxx> wrote in message  
[news:tC6zh.173441\\$Oc2.24872@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:tC6zh.173441$Oc2.24872@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hi,

I'm looking to setup IP filtering on both internal and external NICs to cut down on the amount streaming video/music traffic occurring in the office on non-standard ports. Here is the

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current setup:

Routing server: Windows 2003 server  
standard w/two NICs on external to  
a T-1 router and one to the internal network  
192.168.100.x

The following services will need to be able  
to route to the internet

and are already setup in the firewall:

2x DNS servers (192.168.100.105, .106)  
requesting DNS queries from our  
two external DNS servers (port 53 UDP  
queries?)

2x IIS servers (192.168.100.117, .116) TCP  
80, TCP 21, TCP 20, TCP 443

1x Exchange server (192.168.100.108) TCP  
443, 80, 25, 110, 143

Workstation Internet Access:

(192.168.100.x 255.255.255.0) TCP 80, TCP  
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I don't think DNS port 53 is need here  
because they will be  
communicating w/the AD DNS servers  
internally.

I've tried setting it up in the past myself but  
it ends up never

working properly and I'm confusing myself  
with the inbound filter on  
the external is actually the outbound of the  
internal NIC and such.

Also the server routing is attached to the AD  
network so it will also  
have to have those ports opened to it on the  
internal NIC.

Any help how how to set this up would be  
great. TIA. Nate

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