

Re: VPN from workstation behind ISA 2006

Source: <http://www.tech-archive.net/Archive/ISA/microsoft.public.isa.vpn/2007-09/msg00014.html>

- *From:* "Phillip Windell" <philwindell@xxxxxxxxxxx>
 - *Date:* Thu, 6 Sep 2007 13:02:17 -0500
-

Ok, give me a little time to chew on this, I have a few things going on around here. Of course if anyone has any ideas they are welcomed to jump-in in the meantime.

--
Phillip Windell
www.wandtv.com

The views expressed, are my own and not those of my employer, or Microsoft, or anyone else associated with me, including my cats.

"Gary Karasik" <gkarasik@xxxxxxx> wrote in message
news:%23VnoBRK8HHA.1484@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

How many subnets are part of the LAN and what are they specifically (ID & Mask)?

The server itself is 10.0.100.x. I have added 10.0.0.x to the Internal range, but that was an attempt to fix the problem. The problem exists whether this subnet is in the Internal range or not. So I think the answer to your question is zero subnets, 10.0.100.z/255.255.255.0.

What are the IP Ranges listed in the properties of the Internal Network Definition?

10.0.100.0-10.0.100.255
10.0.0.0-10.255.255.255
10.255.255.255-10.255.255.255

If you have multiple LAN subnets, what is acting as the LAN Router and what is the routing scheme (what uses what for gateways, ect)? If there is no LAN Router is the ISA acting as the LAN Router?

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The ISA is acting at the LAN Router.

Although it looks like you are trying to have individual users make their own independent outbound VPN connection, is the ISA itself also being used for a VPN Server?

The ISA itself is a VPN server (I can VPN into it from home).

If yes,..is it a Site-to-Site VPN or a Remote Access VPN?

Remote Access.

What are the TCP/IP specs of the ISA machine?

I'm not sure what you're asking. The External NIC is set at 192.168.254.50, 255.255.255.0; Gateway is the hardware Router (192.168.254.254). Static IP.

--

GaryK

"Phillip Windell" <philwindell@xxxxxxxxxxxx> wrote in message
[news:uf\\$b4fI8HHA.1204@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uf$b4fI8HHA.1204@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Ok, we'll have to gather some details about the over-all network and the ISA,..the "big picture" that is.

How many subnets are part of the LAN and what are they specifically (ID & Mask)?

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What are the TCP/IP specs of the ISA machine?

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"Gary Karasik" <gkarasik@xxxxxxx> wrote in message
news:uFh2UWB8HHA.5316@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

I found this under Alerts:

"The routing table for the network adapter External includes IP address ranges that are not defined in the array-level network External, to which it is bound. As a result, packets arriving at the network adapter from the IP address ranges listed below or sent to these IP address ranges via this network adapter will be dropped as spoofed. To resolve this issue, add the missing IP address ranges to the array network.

The following IP address ranges will be dropped as spoofed:
Internal: 10.0.0.0–10.0.0.99.255,
10.0.101.0–10.255.255.254"

Certainly the machine that can't get the VPN out (IP+10.0.100.61) is included in the above problem range, but I can't find anywhere in ISA Manager to edit the table referenced. The only External network I can find mentioned is the External network object, and it's not editable. I can't find anything called "array-level network."

--

GaryK

"Phillip Windell" <philwindell@xxxxxxxxxxxx> wrote in message
[news:OVWIr3\\$7HHA.1444@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OVWIr3$7HHA.1444@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Re: VPN from workstation behind ISA 2006

"Gary Karasik" <gkarasik@xxxxxxx> wrote
in message
news:eTxvFu97HHA.2476@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

You should
be fine if
they are
doing it
with the
VPN
abilities of
the
Windows
Dialup
Networking.
If you are
running a
third-party
client,
then you
may be
screwed.

When initiated, the VPN
connectoid immediately
fails with a "can't
reach the server error"
(769).

Go to the live Monitoring Log, set the Filter
to show only traffic from
the "Client IP" of the workstation you are
testing from. Let it run and
see what it shows during an attempt. Even if
the Client is using DHCP
the IP should stay the same long enough for
the testing, in fact they
rarely actually change.

--
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Understanding the ISA 2004 Access Rule

Re: VPN from workstation behind ISA 2006

Processing

http://www.isaserver.org/articles/ISA2004_AccessRules.html

Troubleshooting Client Authentication on
Access Rules in ISA Server
2004

<http://download.microsoft.com/download/9/1/8/918ed2d3-71d0-40ed-8e6d-fd6eeb6>

Microsoft Internet Security & Acceleration
Server: Partners

<http://www.microsoft.com/isaserver/partners/default.asp>

Microsoft ISA Server Partners: Partner
Hardware Solutions

<http://www.microsoft.com/forefront/edgesecurity/partners/hardwarepartners.mspx>
