

Re: ISA Is Driving Me Insane!

Source:

<http://www.tech-archive.net/Archive/ISA/microsoft.public.isa.configuration/2006-12/msg00108.html>

- *From:* "AndyJ" <andyjones99@xxxxxxxxxxxxxx>
 - *Date:* 30 Dec 2006 02:19:34 -0800
-

I juts checked my router/modem and I am using PPPoA not PPPoE

AJ

AndyJ wrote:

Interesting, so what about PPPoA? is that the same. I just spoke to another ISP in my area and they only provide PPPoA connections.

Regarding timeouts I have had no problems that I have noticed to date regarding this and I host my own website and Exchange email servers – I guess thats not to say I wont have though!

Thanks for your input regarding this

AJ

Asher_N wrote:

"Lei Hu" <lei@xxxxxxxxxxx> wrote in news:uRfsCDdKHHA.420@xxxxxxxxxxxxxxxxxxxxxxxxxx:

Why should we avoid PPPoE like plague? What problems will it cause?
From memory, isa does support PPPoE auto dial, so they should work together well. I've read some of your replies in this group, but failed to find any detailed explanation. Can you give a bit more detailed explanation for newbies like me? Thanks.

For starters, PPPoE was designed to allow ISP to switch to broadband with no changes to their network and Radius authentication schemes. There is a

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5-10% overhead associated with PPPoE.

Because it was designed with the dial-up home user infrastructure in mind, it is also implemented with inactivity timeouts. For a home user, that is not a problem as the 'dial-up' and authentication usually takes only a few seconds, and in a home user situation, the user ALWAYS initiates the connection. Most SOHO NAT devices will send a regular 'keep-alive' packet to the ISP to simulate activity and prevent the disconnect. It is only somewhat effective.

In a business environment, you need that connection open all the time to receive inbound requests (e-mail, published web sites, etc.) For that reason, the 'keep alive' failing even once in a while is not an acceptable solution.

"Phillip Windell" <@.> wrote in message
news:OrbqTJbJHHA.1252@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

You could start saving yourself a bunch of greif by ditching the ADSL "router".

Plug the ADSL Modem directly into the External Nic of the ISA.
Make sure the Public IP# is static and the ISA's nic simply takes over the IP Specs that the external side of the "router" used to have. If the ISP does not have a static IP for you then get one from them. You're paying them for a service, make them earn it, don't let them give you any crap about it.
Also avoid PPPoE like the Plague,...PPPoE is for Home Users,...it is not meant for commercial environments.

--
Phillip Windell [MCP, MVP, CCNA]
www.wandtv.com

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

"AndyJ" <andyjones99@xxxxxxxxxxxx>

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wrote in message

news:1166735436.665206.260110@xx

All working again. Don't ask me how though!!!

AndyJ wrote:

I have been trying to solve this issue for ages now and I am failing miserably, its driving me insane. One minute I have it working and I make a change for something else and it breaks again!

Here is my problem.

I have an ISA server configured in a 3 legged configuration so I have an external NIC which plugs into a ADSL Router, a perimeter network and my internal network. All network segments have a

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private
address
range and
the router
does my
natting. I
am trying
to get all
my
published
servers on
the
perimeter
network.

So far I
have OWA
and EAS
working via
a web
publishing
rule, I
publish the
Front-End
server in the
perimeter
network.

However I
cannot seem
to get my
server
publishing
rule
working
which
publishes
the front
end server
for SMTP.

I have an
access rule
which
allows
SMTP
traffic from
the
perimeter
network
into the
internal

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network and
a rule which
lets SMTP
traffic from
the external
network
into the
perimeter.
However
whatever I
try I still see
SMTP
traffic
getting
denied by
the
default rule.

I thought I
solved this
earlier on
by adding
some
network
rules,
but since I
don't really
understand
exactly
what I did I
am back to
square one.

Can
someone
please help
me out
here!

Thanks

AJ

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