

## Re: ISA/VPN difficulty

**Source:** <http://www.tech-archive.net/Archive/ISA/microsoft.public.isa.vpn/2004-04/0053.html>

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**From:** LJMcA (*lmcaulif\_at\_scsiweb.com*)

**Date:** 04/06/04

Date: Tue, 6 Apr 2004 09:07:01 -0400

Good morning,

We appreciate the reply. Eric & I are working on the same issue. I've an earlier message in this forum also, on March 17th.

Essentially what we're doing is this: We're swapping out an existing W2K/ISA/VPN server and replacing it.

The current one (production) works fine in terms of ISA and VPN functionality. Traffic flows properly and VPN is fully functional. Note that for us full VPN functionality simply means that the client (almost all W2K) connects, authenticates, and successfully registers on the LAN. At that point they may map drives and/or run pcAnywhere or VNC or whatever, to connect to a specific workstation.

The new machine (test) does everything fine EXCEPT allow clients to do anything at all once they're authenticated and registered. They cannot access – by any route – any of our internal LAN resources. They can "ping" the internal NIC on the test machine, but can't "ping" past it. They can't map a drive or connect to their workstation by either pcAnywhere or VNC.

As far as we can tell, we've configured BOTH machines the same. Eric and I have sat side by side and compared ISA & RRAS settings. We've done the same thing with every registry setting we can think of. Everything appears to be the same. We've created a "Web Users" group on both boxes that includes the same group of NT Domain users, all of whom were granted dial-in access.

We've updated both machines to the same level, i.e., W2K Server is as SP3 with all applicable updates and ISA Server 2000 is at SP1 with all applicable updates.

The only message in the event logs is the standard Warning about L2TP missing the certificate server; we're not trying to use L2TP (at this point) so that should be a non-event! And, we get it on both machines anyway.

As far as we can tell the routing tables look correct on all the machines. By that I mean "route print" looks correct for the server & client on both

the production and test box. The routes also look correct when the production and test box routing tables are compared.

We don't use DHCP but instead have assigned a range of IP addresses to be used by VPN clients. The full range of address is valid on our internal network, but we've assigned two, non-overlapping sub-ranges, one to the production box and the other to the test box – just in case.

We're lost! To us it MUST be something that's just so obvious we can't see it – that's what prompted the question about multiple servers!! ;-)

Please, please, please ... tell us where to look – and thanks.

Larry

"Manjari Bonam [MSFT]" <manjarib@online.microsoft.com> wrote in message news:OuYBkA9GEHA.4044@TK2MSFTNGP10.phx.gbl...

> *There should not be any limitation as such. Let us know what is the error*

> *you are seeing when you try to connect.*

> *Any event logs will be helpful too.*

>

> --

> – *Manjari*

> *This posting is provided "AS IS" with no warranties, and confers no rights.*

> *"Larry" <lmcaulif@scsiweb.com> wrote in message*

> *news:518137d4.0404050812.3491ee8f@posting.google.com...*

> > *Hello,*

> >

> > *In a Windows NT 4.0 domain (no AD) how many Windows 2000 ISA/VPN*

> > *(stand-alone) servers are allowed to be active at the same time.*

> >

> > *Our production machine works, but the test machine fails. All*

> > *settings appear to be identical but test machine will not allow*

> > *clients to see the LAN.*

> >

> > *TIA*

> > *Larry*

>

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