

Re: Win2k Ras/VPN and a SCO Unix Machine and some difficulty getting to the SCO Machine [LONG]

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- *From:* bv@xxxxxxx (Bill Vermillion)
 - *Date:* Thu, 16 Feb 2006 04:25:01 GMT
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In article <VA.000012c0.01ce9bea@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>, Brian Keener <bkeener@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

Bill Vermillion wrote:

All of my comments will be SWAGs as it's sort of hard to envision everything. I'm a hands on type person :-)

I understand completely – SWAG's are perfectly acceptable and it is hard to picture – I've seen it several times and still had to get them to confirm a couple things for me even though I had it diagramed notes. And its real hard to explain visually.

[huge hunks deleted – wjv]

Why is the W2K machine using itself for DNS and not the .254 address as all other machines are. Could the DNS in the machines not be consistant. That could cause problems.

That was one of my concerns as well and with the way they are cabled and to be on the same subnet and then one is supposed to be a WAN and one a LAN connection they really blow my mind.

I've seen some bizarre things too. But everything is working at times – so the cabling should be OK.

I run a pair of name-servers for a small ISP. On my machine I use to access the net I put those in first position in the resolver files. I trust them. But I also have 4 other DNS machines in there, so I can just comment out mine to test with others.

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I've also been known to ssh into a client machine to check.

When someone has a connectivity problem I'll perform lookups through my servers, Sprint/Earthlink servers, and one client's RoadRunner servers.

I've found inconsistencies among them – such as some not being updated correctly – and others being reachable through one connection and not another. So that's why I suggest one DNS.

When you have problems why not perform a lookup using first one server, and then use the other DNS server.

I also am conservative on my name servers – even though one is listed as a secondary I really have two primaries.

I do this so that when I add or change things, I can restart one and make sure things are OK, and then I'll just send the files to the other machine. If I had the second as a secondary then any error on the primary will get propagated to the secondary and then nothing works.

This scenario has been seen when major transport providers upgrade their routers all at one time, and the entire network falls over.

The ONLY time I had a problem was when one of our clients who had about 1000 domains he was serving wanted a name added for a site that had a European registrar – and when they tested they found that my secondary was not a true secondary so they wouldn't point to our DNS. Since the client was selling \$9.95 sites he just blew that one off.

...

I'd personally go for ONE DNS – so you can always check it's integrity.

I can do that – I thought about doing it last time I was looking at it but got cold feet. Their network does work although not as well as it should

Depending on what you use to test with it's easy to point to another NS. If you use a Unix system it's just a matter of commenting out the nameserver line and trying again. Testing via the MS way takes a bit more effort.

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Bill

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Bill Vermillion – bv @ wjv . com

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