

Re: VPN/Remote Desktop/Internet problem

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2006-08/msg00524.html>

- *From:* "Bill Grant" <not.available@online>
 - *Date:* Thu, 17 Aug 2006 12:24:52 +1000
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If the remote clients are connecting to the PIX using the Cisco VPN client, they are not connecting to the Windows machine by VPN, so you do not need the Windows machine to be a VPN server. The clients connect to the Windows server by RDP on top of the VPN connection to your LAN firewall/router.

The remotes may be authenticating their VPN connection against AD though. The Cisco could be offloading that to the DC using RADIUS.

Trying to make an Internet connection through RDP over VPN certainly doesn't sound like a good idea to me. It would be very slow even if you could make it work.

Newell White wrote:

Sorry for delay in replying, but here in UK business hours have had great difficulty connecting to this group after logging in. 'Page not available'

First reply to Bob:

Don't have a policy prohibiting Internet Access.

Pinging routable IP address times out.

Pinging same address by name leaves blank DOS window which disappears after several minutes.

Now to Bill:

I inherited this set-up (previous admin left before I joined to do a different job, I have had to self-educate to keep network running – small firm!).

Yes our roaming users use Cisco VPN client, and tunnel terminates in our Cisco Pix.

Does that mean inherited W2k3 VPN server role is redundant, and I can close it down?

Further question:

To ease restricted upload speed on our ADSL connection, I have to configure users to access Internet by their local ISP – plan was to disable 'Use Remote Gateway' on their Windows XP VPN connection.

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But if the Cisco Pix is the tunnel end, it must be doing some sort of routing to reach Remote Desktop on the DC. Do I have to configure split-tunnel on the Pix?

Thanks to all

I basically agree with Bob. The PDC emulator is the worst choice for the VPN server. The PIX is the best choice. If you must use a Windows server, don't use the PDC emulator for a remote access server. Even if you use the other W2k3 for RRAS you may have problems if it is a DNS server or is a master browser for the LAN. See KB 292822 and 830063 .

Robert L [MS-MVP] wrote:

First of all, it is not recommended to enable RRAS on a DC. Since you have Cisco PIX, I would use Cisco VPN.

Secondly, I would setup a group policy to restrict TS/RDP users to access the Internet if they access to the DC. So, do you have group policy to block internet access?

Can you ping a public IP after RDC to the DC?

Bob Lin, MS-MVP, MCSE & CNE
Networking, Internet, Routing, VPN Troubleshooting on
<http://www.ChicagoTech.net>
How to Setup Windows, Network, VPN & Remote Access
on
<http://www.HowToNetworking.com>
"Newell White"

<NewellWhite@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

news:A7D3D7B8-1589-434C-926E-17894BCDDEE3@xxxxxxxxxxxxxxxxxxxx

We have a single subnet LAN, 192.168.1.0, with 2 W2k3 servers running AD and DNS/WINS/DCHP. The PDC also hosts our database and RRAS/VPN server. We have about 40 XP workstations on the LAN, and 10 VPN clients running XP or 2000.

VPN client access is configured via the public IP address of our Cisco Pix

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firewall (only route from ADSL connection to the LAN), and they login to Remote Desktop on the PDC to access the database and file-shares only.

The only detectable problem with this set-up is – VPN users can't access the Internet from the PDC remote desktop. They get 'cannot find server or DNS error' – sounds like a clue!
Can anyone point me to a CLEAR article which explains why this problem arises and how it can be solved? I don't want the security and support headache of configuring the VPN clients (world-wide) for split-tunnel to get Internet from their ISP.

Are there any other potential problems I am ignorant of?

TIA,

—

Newell White