

Re: SBS 2003 RRAS VPN – print to local network

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2009-03/msg02429.html>

- *From:* "SuperGumby [SBS MVP]" <not@xxxxxxxxxxx>
 - *Date:* Thu, 26 Mar 2009 08:24:57 +1100
-

As a general VPN idea remote systems (PC/devices/networks) should never be in the same subnet. Having them in the same subnet creates routing issues.

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SBS remote support services. (Fees apply)
mickm at mickmalloy dot dyndns dot org

"Jack" <Jack@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:2424DE4B-FE38-4226-BB10-5360F5268F09@xxxxxxxxxxxxxxxxxxx

In this case the remote office and the SBS / RRAS server use the same private IP addressing –

RRAS server – 192.168.222.2

Remote PC – 192.168.222.10 – assigned 192.168.222.18 by RRAS
Remote printer 192.168.222.51

Will that make a difference? Should the remote office be placed on a different IP 's'?

"kj [SBS MVP]" wrote:

- SuperGumby [SBS MVP] wrote:
- > the routes on the remote are of no value. It is routing on the RRAS
 - > server that is of consequence.
 - >
 - > HomeLAN
 - > IP Printer – 192.168.27.5
 - > HomePC – 192.168.27.6 gets IP 192.168.55.100 from RRAS.
 - >>
 - > Internet
 - >>
 - > RRAS Server (SBS?) 192.168.55.2
 - > CompanyPC – 192.168.55.33
 - >
 - > If 55.33 uses 55.2 as the default gateway no additional routing

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> required on 55.33. If the RRAS server is not default gateway 55.33 > needs
> to be
> told to route 27.x through 55.2.
>
> To do this the AD must be a minimum 2000 functional level (OK,
> SBS00/03/08) and RRAS told (through ADUC) to assign a static IP to
> the user, 55.100. RRAS is then told to static route traffic for 27.x
> through 55.100.

Ah, OK. I think I'd buy that solution SG, and if the OP's user only VPN's in from that one remote location it should work with those modifications.

>
>
> "kj [SBS MVP]" <KevinJ.SBS@xxxxxxxxxxxxxxxxxxxx> wrote in message
> <news:unHeEeMrJHA.496@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
>> SuperGumby [SBS MVP] wrote:
>>> split tunneling is not necessary for this. The machine behind RRAS
>>> simply needs to route back through the VPN, this will occur if the
>>> RRAS server is the default route for the LAN client, and RRAS has
>>> the route set.
>>
>> not been my experience. But if as you say SG, then it should be
>> working, but is not.
>>
>> So if the above is true, then one or both of the above conditions
>> are not true.
>>
>> a route print from before a VPN connection and a route print during
>> a VPN connection would then be illuminating.
>>
>>
>>> "kj [SBS MVP]" <KevinJ.SBS@xxxxxxxxxxxxxxxxxxxx> wrote in
>>> message
>>>> <news:%23f30MNMrJHA.3584@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
>>>> SuperGumby [SBS MVP] wrote:
>>>>> funnily, though I expect it likely there is, so far, no indication
>>>>> of split tunneling.
>>>>
>>>>> Right, but that's what it would entail to use LAN printer
>>>>> concurrent with a RRAS VPN connection. Without it, the remote
>>>>> client route is to the default gateway which is the VPN connection
>>>>> to the SBS server. Without a route back to the remote LAN it won't
>>>>> get to the printer.
>>>>>
>>>>>
>>>>> "kj [SBS MVP]" <KevinJ.SBS@xxxxxxxxxxxxxxxxxxxx> wrote in
>>>>> message

Re: SBS 2003 RRAS VPN – print to local network

>>>>> news:OO4niqLrJHA.724@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

>>>>> Jack wrote:

>>>>>> A user in a remote office connects to the SBS through RRAS. Is
>>>>>> there a way for them to print to a local networked printer in
>>>>>> their office while connected to the VPN? Printer has a private
>>>>>> static IP in the same subnet as their desktop. Thanks.

>>>>>

>>>>>> Split tunnel VPN. Yikes. There are some pretty good write ups on
>>>>>> this and you might find the explanation here acceptable.

>>>>>

>>>>>

http://cramsession.brainbuzz.com/articles/print-article.asp?article_id=316&article_url=%2Farticles%2F

>>>>>

>>>>>> If they are in an "office" other than a home office, you might
>>>>>> want to configure a site-to-site VPN rather than risk a split
>>>>>> tunnel VPN. --

>>>>>> /kj

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>>>> --

>>>> /kj

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>> --

>> /kj

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/kj