

Re: Interesting VPN problem.

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Hi Luke,

First of all, thanks for your time and suggestions. Here is some additional information and answers to your questions:

On the internal network which is behind the subject vpn server everything seems to work normally. i.e. I can ping linux boxes from win boxes and vice-versa. All of the ip addresses (except the vpn client's original IP) are real IP addresses and they are on the same mask.

Let me explain what made me think about the routing protocol. Think about this: at the time of connection to the VPN server two ip addresses from the vpn pool are used to welcome the vpn client to the network. One of them is the ip assigned to the client and the other one kinda acts as a gateway and assigned to the VPN server's vpn port. When the connection is established, the MS VPN server announces the new route for the vpn client to other computers on the network (which should update other computers' routing table to let them know that the assigned vpn client address is reachable via the gateway ip address on the vpn server) so if the linux box's routing table doesn't get updated, there's no way for it to know how to reach the vpn client's ip address since it's reachable via the gateway (second) ip address assigned to vpn port of the server. So even if it receives the ICMP packets, it can not send the response back.

Kerem

```
> Hi Kerem,
>
> Can you ping the lead hat box on the internal network?? If not:
>
> #cat /proc/sys/net/ipv4/icmp_echo_ignore_broadcasts
>
> if that returns a 1 then
>
> #echo > 0 /proc/sys/net/ipv4/icmp_echo_ignore_broadcasts
>
> #cat /proc/sys/net/ipv4net.ipv4.icmp_echo_ignore_all
>
> if that returns a 1 then
```

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>
> #echo > 0 /proc/sys/net/ipv4net.ipv4.icmp_echo_ignore_all
>
> *Some other points? Is your vpn server assigning an address range on the
same
> mask as your RH box???*
>
> *Can't see how the route table would affect anything. You ping an address
if
> its up its up. Is your RH box on the same mask as the vpn server??*
>
> *Luke*
>
>