

RE: L2TP over Wireless and NAT

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I've read that IPSec needs either certificates or Kerberos to authenticate. Routers need IPSec passthrough. And, L2TP/IPSec may not work on a dialup connection. This is general stuff I've come across – hope it helps some.

"Newscene" wrote:

> I am trying to configure an L2TP/IPSec connection from my home to my office
> VPN server. We have been using PPTP for VPN for some time now in the
> wireless configuration with no problems; the only difference is we are
> trying to move the VPN to L2TP. The client is a Thinkpad T40 (built in
> 802.11A/B) running Windows XP Pro (SP2) and the target is a Windows 2000
> Advanced Server (SP4). The client is on a 802.11A/B WLAN using NAT on a
> DLink DI-764 (with current firmware) behind a Speedstream 5260 DSL modem.
> The Office LAN is on a Cisco 2620 with integrated firewall and the firewall
> has the all the necessary ports and protocols enabled for both PPTP and
> L2TP.
>
> I believe the client, the server and firewall are correctly configured as I
> am able to establish a L2TP connection from the Thinkpad using either a
> Verizon CDMA 1xEVDO PC-5220 wireless card* or by connecting the notebook
> directly to the DSL modem. However if I try L2TP using my WLAN connection
> the L2TP connection returns Error 678. There is no indication in the server
> logs that a VPN attempt was made. As I said, a PPTP connection establishes
> instantly in this configuration and the L2TP establishes immediately outside
> the WLAN so I am fairly confident the problem lies with the NAT.
>
> The DLink has an option to allow VPN passthrough for PPTP and IPSec VPNs and
> these are set. I spent several hours on the phone with DLink support trying
> various combinations of settings on the DLink including: direct wired
> Ethernet connection of the notebook to the router; configuring the notebook
> on the router's DMZ; etc. all with the same result.
>
> I have read the docs on Microsoft about XP and 200x support for L2TP and NAT
> and I am at a loss where to go from here. If anyone has seen this problem
> and has a solution I'd certainly appreciate hearing from you.
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microsoft.public.windowsxp.help_and_support: RE: L2TP over Wireless and NAT

- > ** By the way, I heartily recommend this wireless service. I am in South*
- > *Florida and we routinely achieve connections of 400KB with this service.*
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