

Re: Has anyone got Win2K RRAS <-> XP Pre-Shared Keys to work through VPN?

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.ras_routing/2004-11/0261.html

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Date: 11/29/04

Date: Mon, 29 Nov 2004 05:29:34 GMT

I have not read of anyone being able to do such and due to the fact that it is not hard to set up a Certificate Authority to issue computer certificates for the VPN server and client computers it would be surprising if many have actually tried. Since you have a W2K server, you could also make it a CA to issue certificates which would be much easier and more secure than creating custom ipsec policies using preshared keys. The links below show the basics of setting up a CA to issue ipsec certificates for l2tp. For a non domain you would need to install a stand alone CA as an Enterprise CA can only exist in AD domains.

<http://www.microsoft.com/windows2000/techinfo/planning/security/casetupsteps.asp>

--- setup CA

<http://www.microsoft.com/windows2000/techinfo/planning/security/cawebsteps.asp> -

- Web Enrollment

<http://support.microsoft.com/kb/253498/EN-US/> --- how to install ipsec certificate.

Other considerations are that l2tp will not work if NAT is used in the VPN connection, which is what most of the home and small business "router/firewalls" use to provide internet access and the proper ports must be opened on firewalls in the path to the VPN server. L2tp VPN server requires traffic to be allowed for ports 500 and 1701 UDP and also allow ESP/protocol 50 often referred to as l2tp or ipsec passthrough. The router on the client end would also need to be configured to allow l2tp/ipsec passthrough. Pptp will work fine through NAT devices and can also be a very secure VPN for most applications as long as mschapv2 user authentication is used along with complex user passwords. --- Steve

"Greg West" <westgj@yahoo.com> wrote in message
news:5bb67ae5.0411282028.7e66a489@posting.google.com...

> I am attempting to use IPSec/LT2P Pre-Shared Keys to authenticate

> between XP clients and a Windows 2000 RRAS server. Yes, I know

> Pre-Shared Keys are not directly supported by Microsoft.

>

> I have read article <http://support.microsoft.com/kb/240262/EN-US> but

microsoft.public.win2000.ras_routing: Re: Has anyone got Win2K RRAS <-> XP Pre-Shared Keys to work through VPN?

- > *that talks about connecting 2 Win2K RRAS servers over a LAN. I have*
- > *created a new security policy as per the article but since I am new to*
- > *security I really don't know if I have configured it correctly. I set*
- > *the key on the VPN connection to match what I configured in the new*
- > *security policy.*
- >
- > *I also added the registry entry as described in the article to the*
- > *Win2K RRAS server but it didn't help.*
- >
- > *Has anyone been able to get this to work? I would be very grateful*
- > *for any help.*
- >
- > *Greg*