

# Re: L2TP/IPSec VPN Conection

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.work\\_remotely/2006-03/msg00103.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.work_remotely/2006-03/msg00103.html)

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- *From:* "Carlos Jones" <cjones@xxxxxxxxxxxxxxxx>
  - *Date:* Thu, 9 Mar 2006 12:36:47 -0600
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The upgrade didn't work.

"beb" <someone@xxxxxxxxxxxxxxxx> escribió en el mensaje  
[news:O\\$p6ktzQGHA.1688@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:O$p6ktzQGHA.1688@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Check the firmware on your firewall/vpn device and update it.

"Carlos Jones" <cjones@xxxxxxxxxxxxxxxx> wrote in message  
<news:ONsdfexQGHA.224@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Sorry, I guess I wasn't clear about my problem,

The error on the client side says something like "the remote server can't be reached" and the connection process is canceled. Examining the log I found the lines

```
Mar 8 10:57:58 localhost kernel: IKE: IKE
--INVALID_PAYLOAD_LENGTH
(0x2004) -- peer 148.221.140.224
```

Could anybody help me to understand and fix my problem?  
Thanks.

Carlos Jones

"Carlos Jones" <cjones@xxxxxxxxxxxxxxxx> escribió en el mensaje  
<news:%23CTxmluQGHA.224@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Hello all,

I am trying to enable VPN connections to a W2K3 domain for employees,  
here are the facts:

– Windows Server 2003 Standard Edition (DC, DNS Server,

Re: L2TP/IPSec VPN Connection

RRAS)

- 2Wire 1701HG Gateway for internet access with static IP (Routing disabled)
- 3Com OfficeConnect VPN Firewall (DHCP, VPN Server)
- Windows XP Pro clients with no additional VPN software.

I am able to connect via PPTP but with poor performance, when I change the protocol to L2TP/IPSec with preshared key I get an error, the following is from the firewall log:

```
Mar 8 10:57:57 localhost kernel: IKE: IKE --- MainMode
--- responder
received message1 from 148.221.140.224, port 500->500.
Mar 8 10:57:57 localhost kernel: IKE: IKE --- Proposal 1 ---
protocol
PROTO_ISAKMP, with 5 transforms
Mar 8 10:57:57 localhost kernel: IKE: IKE --- Transform 1
--- KEY_IKE,
index = 1
Mar 8 10:57:57 localhost kernel: IKE: IKE --- Encryption
--- TRIPLEDES_CBC
Mar 8 10:57:57 localhost kernel: IKE: IKE --- Hash ---
SHA_HASH
Mar 8 10:57:57 localhost kernel: IKE: IKE ---
GroupDescription ---
MODP_2048
Mar 8 10:57:57 localhost kernel: IKE: IKE ---
Authentication ---
PRESHARED_KEY
Mar 8 10:57:57 localhost kernel: IKE: IKE --- LifeType ---
SECONDS
Mar 8 10:57:57 localhost kernel: IKE: IKE --- LifeDuration
--- 28800
Mar 8 10:57:57 localhost kernel: IKE: IKE --- Transform 2
--- KEY_IKE,
index = 2
Mar 8 10:57:57 localhost kernel: IKE: IKE --- Encryption
--- TRIPLEDES_CBC
Mar 8 10:57:57 localhost kernel: IKE: IKE --- Hash ---
SHA_HASH
Mar 8 10:57:57 localhost kernel: IKE: IKE ---
GroupDescription ---
MODP_1024
Mar 8 10:57:57 localhost kernel: IKE: IKE ---
Authentication ---
PRESHARED_KEY
Mar 8 10:57:57 localhost kernel: IKE: IKE --- LifeType ---
```

Re: L2TP/IPSec VPN Conection

SECONDS

Mar 8 10:57:57 localhost kernel: IKE: IKE -- LifeDuration  
-- 28800

Mar 8 10:57:57 localhost kernel: IKE: IKE -- Transform 3  
-- KEY\_IKE,  
index = 3

Mar 8 10:57:57 localhost kernel: IKE: IKE -- Encryption  
-- TRIPLEDES\_CBC

Mar 8 10:57:57 localhost kernel: IKE: IKE -- Hash --  
MD5\_HASH

Mar 8 10:57:57 localhost kernel: IKE: IKE --  
GroupDescription --

MODP\_1024

Mar 8 10:57:57 localhost kernel: IKE: IKE --  
Authentication --

PRESHARED\_KEY

Mar 8 10:57:57 localhost kernel: IKE: IKE -- LifeType --  
SECONDS

Mar 8 10:57:57 localhost kernel: IKE: IKE -- LifeDuration  
-- 28800

Mar 8 10:57:57 localhost kernel: IKE: IKE -- Transform 4  
-- KEY\_IKE,  
index = 4

Mar 8 10:57:57 localhost kernel: IKE: IKE -- Encryption  
-- DES\_CBC

Mar 8 10:57:57 localhost kernel: IKE: IKE -- Hash --  
SHA\_HASH

Mar 8 10:57:57 localhost kernel: IKE: IKE --  
GroupDescription --

MODP\_768

Mar 8 10:57:57 localhost kernel: IKE: IKE --  
Authentication --

PRESHARED\_KEY

Mar 8 10:57:57 localhost kernel: IKE: IKE -- LifeType --  
SECONDS

Mar 8 10:57:57 localhost kernel: IKE: IKE -- LifeDuration  
-- 28800

Mar 8 10:57:57 localhost kernel: IKE: IKE -- Transform 5  
-- KEY\_IKE,  
index = 5

Mar 8 10:57:57 localhost kernel: IKE: IKE -- Encryption  
-- DES\_CBC

Mar 8 10:57:57 localhost kernel: IKE: IKE -- Hash --  
MD5\_HASH

Mar 8 10:57:57 localhost kernel: IKE: IKE --  
GroupDescription --

MODP\_768

Mar 8 10:57:57 localhost kernel: IKE: IKE --  
Authentication --

PRESHARED\_KEY

Mar 8 10:57:57 localhost kernel: IKE: IKE -- LifeType --

Re: L2TP/IPSec VPN Conection

SECONDS

Mar 8 10:57:57 localhost kernel: IKE: IKE --- LifeDuration  
--- 28800  
Mar 8 10:57:57 localhost kernel: IKE: IKE --- Peer supports  
NAT-T, on  
draft 2  
Mar 8 10:57:57 localhost kernel: IKE: IKE  
---PHASE1\_STARTED\_BY\_PEER ---  
peer 148.221.140.224  
Mar 8 10:57:57 localhost kernel: IKE: IKE --- MainMode  
--- responder sent  
out response message1 to 148.221.140.224, port 500->500.  
Mar 8 10:57:58 localhost kernel: IKE: IKE --- MainMode  
--- responder  
received message2 from 148.221.140.224, port 500->500.  
Mar 8 10:57:58 localhost kernel: IKE: IKE --- Peer IP seen:  
148.221.140.224  
Mar 8 10:57:58 localhost kernel: IKE: IKE --- Local IP:  
201.155.x.y (here  
goes my static IP, I purposely changed it to submmit it here)  
Mar 8 10:57:58 localhost kernel: IKE: IKE --- MainMode  
--- responder sent  
out response message2 to 148.221.140.224, port 500->500.  
Mar 8 10:57:58 localhost kernel: IKE: IKE --- MainMode  
--- responder  
received message3 from 148.221.140.224, port 500->500.  
Mar 8 10:57:58 localhost kernel: IKE: IKE  
---INVALID\_PAYLOAD\_LENGTH  
(0x2004) --- peer 148.221.140.224  
Mar 8 10:58:37 localhost kernel: IKE: IKE  
---PHASE1\_NEGOTIATION\_ABORT ---  
peer 148.221.140.224  
Mar 8 10:59:02 localhost kernel: IKE: IKE  
---INVALID\_COOKIE (0x4) --- peer  
148.221.140.224

I really appreciate your help.  
Thank you in advance.

Carlos Jones.

Re: L2TP/IPSec VPN Conection