

## RE: L2TP/IPSEC site-to-site question

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*Source:* <http://www.tech-archive.net/Archive/ISA/microsoft.public.isa/2005-12/msg00285.html>

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- *From:* [v-bpeng@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:v-bpeng@xxxxxxxxxxxxxxxxxxxxxxxx) ("Bill Peng [MSFT]")
  - *Date:* Mon, 26 Dec 2005 08:05:20 GMT
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Hi,

Thanks for posting here.

Based on your description, it seems that this is a complex scenario. I'd like to provide some general info for your reference:

1. Please make sure that you've followed this article to deploy site-to-site VPN connection.

Site-to-Site VPN in ISA Server 2004

Microsoft Internet Security and Acceleration (ISA) Server 2004

<http://www.microsoft.com/technet/prodtechnol/isa/2004/plan/sitetositevpn.msp>

x

2. Other articles for your reference:

Creating a Site-to-Site L2TP/IPSec VPN Between ISA 2004 VPN Gateways:  
How to Configure the Pre-shared Key

<http://download.microsoft.com/download/c/3/c/c3c121ad-2c3f-49b8-ad47-aacecc174d6e/Creating%20a%20Site%20to%20Site%20L2TP-IP%20with%20Pre-shared%20key%20-%20MDW.doc>

3. If you're still not able to get the VPN to work, I recommend you to contact our PSS or Advisory service for further troubleshooting.

Advisory Services is a remotely delivered, hourly fee-based, consultative support option that provides a comprehensive result beyond your break-fix product maintenance needs. This support option includes working with the same technician for assistance with issues like product migration, code review, or new program development.

For more info in the US and Canada:

<http://support.microsoft.com/default.aspx?pr=AdvisoryService>

Outside of the US/Canada:

<http://support.microsoft.com/common/international.aspx>

I hope the above info helps. If you have any concerns, please feel free to

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post back.

Regards,

Bill Peng  
MCSE 2000, MCDBA, CCNP, CCDA  
Microsoft CSS Online Newsgroup Support

Get Secure! – [www.microsoft.com/security](http://www.microsoft.com/security)

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The public newsgroup only focuses on ISA related technical issues, for other Microsoft products, we recommend you to post to appropriate newsgroup to get most qualified responses.

<http://www.microsoft.com/communities/newsgroups/en-us/default.aspx>

When opening a new thread via the web interface, we recommend you check the "Notify me of replies" box to receive notification. When responding to posts via your newsreader, please "Reply to Group" so that others may learn and benefit from your issue.

Microsoft engineers can only focus on one issue per thread. Although we provide other information for your reference, we recommend you post different incidents in different threads to keep the thread clean. In doing so, it will ensure your issues are resolved in a timely manner.

For urgent issues, you may want to contact Microsoft PSS directly. Please check <http://support.microsoft.com> for regional support phone numbers.

Any input or comments in this thread are highly appreciated.

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>Thread-Topic: L2TP/IPSEC site-to-site question  
>thread-index: AcYHykIVkhrR/1bZRGc8U7mjwW9erw==  
>X-WBNR-Posting-Host: 206.162.174.228  
>From: "=?Utf-8?B?dG90b21hc3Rlcn==?" <totomaster@xxxxxxxxxxxxxx>  
>Subject: L2TP/IPSEC site-to-site question  
>Date: Fri, 23 Dec 2005 06:08:02 -0800  
>Lines: 66  
>Message-ID: <BA8828B7-23BF-4F9D-842C-A3A412469781@xxxxxxxxxxxxxx>  
>MIME-Version: 1.0  
>Content-Type: text/plain;  
> charset="Utf-8"  
>Content-Transfer-Encoding: 7bit  
>X-Newsreader: Microsoft CDO for Windows 2000  
>Content-Class: urn:content-classes:message  
>Importance: normal  
>Priority: normal  
>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.0  
>Newsgroups: microsoft.public.isa  
>NNTP-Posting-Host: TK2MSFTNGXA03.phx.gbl 10.40.2.250

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>Path: TK2MSFTNGXA02.phx.gbl!TK2MSFTNGXA03.phx.gbl  
>Xref: TK2MSFTNGXA02.phx.gbl microsoft.public.isa:61414  
>X-Tomcat-NG: microsoft.public.isa  
>  
>Hi  
>  
>Here are my scenario. I have two sites that are connected through a isdn  
>lines but I don't want to use that line anymore, instead I will use a  
>site-to-site vpn connection.  
>  
>My main site is using a Windows 2000 server with ISa 2000, this computer  
is  
>a member of my domain. Ip adress 10.10.x.x/16. On this site I have a  
Stand  
>alone certificate server on Windows 2003. This server is not a Domain  
>Controller.  
>  
>The remote site is using a Windows 2003 server with ISA server 2004, he is  
>also a member of my domain. Ip adress 10.30.x.x/16  
>  
>On both isa server I have made the necessary configuration to make a pptp  
>conection, and with this type of connnection I am able to make the  
connection  
>between both sites.  
>  
>My problem is when i'm trying to use a L2TP/IPsec connection. On the ISA  
>2004, I change the protocol type of the remote site to L2TP. On the ISA  
>server 2000, packet filters for this type of traffic is there, and I  
changed  
>the type of protocol the netowtk interface is using for LP2TP vpn type.  
>  
>My concerns are about the certificates part. On the ISA 2000, I use the  
>certifictaes mmc to request and install a computer certificates with  
success.  
>  
>  
>On the ISA server 2004, I tried the same thing but I receive this error  
The  
>certificate request was submitted to CA that is not started or you don't  
have  
>permissions to request certificates from availabe CAs. I restarted the  
>routing and remote access and IPsec policies services on both computers  
>without success. So on this server I use the a web request  
>(<a href="http://10.10.0.x/certsrv">http://10.10.0.x/certsrv</a>) to request a administrator template  
certificates.  
>  
>When I tried to connect I receive this error on both ISA servers  
>Event Type: Error  
>Event Source: RemoteAccess  
>Event Category: None  
>Event ID: 20111

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