

## RE: VPN / IPSEC

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**From:** Kevan Smith ([KCSmith@tideworks.com](mailto:KCSmith@tideworks.com))

**Date:** 04/10/02

From: Kevan Smith <[KCSmith@tideworks.com](mailto:KCSmith@tideworks.com)>

To: "'Sherif Makram Saad'" <[shsaad@misc.com.eg](mailto:shsaad@misc.com.eg)>, [focus-ms@securityfocus.com](mailto:focus-ms@securityfocus.com), [mcse@list.LearnQuick.com](mailto:mcse@list.LearnQuick.com)

Date: Wed, 10 Apr 2002 09:53:43 -0700

As I recall, the limitation is that the NAT functionality modifies the IP headers, which corrupts IPsec; so

IPsec client -> NAT gateway -> Internet -> NAT gateway -> IPsec client  
wouldn't work.

I do not believe the reverse holds true, so you should be able to have

IP Clients -> NAT gateway -> IPsec gateway -> Internet -> IPsec gateway -> NAT gateway -> IP Clients

Theoretically, anyway (or perhaps I should say 'My theory' :). I haven't tested this, and if you are able to get it to work I'd be interested to know your final configuration and how you overcame any technical hurdles.

Kevan Smith  
NT Administrator  
Tideworks Technology

-----Original Message-----

From: Sherif Makram Saad [<mailto:shsaad@misc.com.eg>]

Sent: Wednesday, April 10, 2002 2:47 AM

To: [focus-ms@securityfocus.com](mailto:focus-ms@securityfocus.com); [mcse@list.LearnQuick.Com](mailto:mcse@list.LearnQuick.Com)

Subject: VPN / IPSEC

Importance: High

I have a case with my client and I need your opinion .

2) The main branch using ADSL to connect to the internet , and other branches using Leased lines or dial up connection to connect to the Internet , I want to implement VPN /IPSEC but as I know this type of connections doesn't work with NAT  
any suggestions ?

3) If I'm going to use on the main branch VPN/IPSEC using windows Dot Net Server or shiva land rover and those connection is connected directly to the Internet , LAN servers behind NAT ,ICS ..... is it

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possible to connect in this case using IPSEC / VPN for remote offices ?  
and where to type the shared secret in windows 2000 Adv. server .

Regards

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- **Previous message:** Damien Adams: "RE: MBSA and MS's attempts at "security""
- **Maybe in reply to:** Sherif Makram Saad: "VPN / IPSEC"
- **Next in thread:** Jerimiah J. Cox: "RE: VPN / IPSEC"
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