How do I configure VPN Tunnel between two DI-804HV?



Step 2 Click the VPN button on the left column, select the checkbox to Enable the VPN, and then in the box next to Max. number of tunnels, enter the maximum numbers of VPN tunnels that you would like to have connected.

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Home	Advanced Too	ols Status	Help
VPN Settings			
	Item	Setting	
VPN	🗹 Enable	9	
NetBIOS broadc	ast 🗹 Enable	9	
Max. number of t	tunnels 1		
ID	Tunnel Name	Method	
1	Tunnel	IKE V More	
2		IKE 🖌 More	
3		IKE 🔽 More	
4		IKE 🔽 More	
5		IKE 💊 More	
Previous page Dynamic VPN View VPN Sta	Next page	etting PPTP Server Setting	el Help

Step 3 In the space provided, enter the Tunnel Name for ID number 1, select IKE, and then click More.

Step 4 In the Local Subnet and Local Netmask fields enter the network identifier for the local DI-804HV's LAN and the corresponding subnet mask.

Step 5 In the Remote Subnet and Remote Netmask fields enter the network identifier for the remote DI-804HV 's LAN and the corresponding subnet mask.

Step 6 In the Remote Gateway field enter the WAN IP address of the remote DI-804HV and in the Preshared Key field, enter a key which must be exactly the same as the Preshared Key that is configured on the remote DI-804HV.

Also enable Auto-Reconnect.

		Broadb	and VPN Rout	er
Home	Advanced	Tools	Status	Help
VPN Settings	- Tunnel 1			
	ltem		Setting	
Tunnel Name		Tunnel	, j	
Aggressive Mo	de	Enable		
Local Subnet		192.168.0.0		
Local Netmasi	(255.255.255.0		
Remote Subne	et	192.168.1.0		
Remote Netma	ask	255.255.255.0		
Remote Gatew	/ay	165.165.146.12		
IKE Keep Alive (Ping IP Addre	5S)			
Preshare Key		•••••		
Extended Auth	entication	Enable Enable		
(41011)		Server mode	Set Local user	
		Paceword		
IPSec NAT Tra	versal	Enable		
Auto-reconnec	t	Enable		
Remote ID		Type IP Address	~	
		Value		
Local ID		Type IP Address	*	
		Value		
IKE Proposal I	ndex	Select IKE Prop	oosal	
IPSec Proposa	il Index	Select IPSec P	Proposal	

Step 7 Click Apply and then click on Select IKE Proposal...

Step 8 Enter a name for proposal ID number 1 and select Group 1, 2, or 5 from the DH Group dropdown menu.

Step 9 Select DES or 3DES as the Encryption Algorithm and either SHA-1 or MD5 as the Authentication Algorithm.

Step 10 Enter a Lifetime value and then either select Sec. or KByte as the unit for the lifetime value.

Step 11 Select 1 out of the Proposal ID dropdown menu and click Add To, which will add the proposal that was just configured to the IKE Proposal Index. Click Apply and then click Back.

D-Link DI-804HV Web Configuration - Micro	osoft Internet Explo	orer						
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Address http://192.168.0.1/							× 6	Go Links
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Wizard			R	emove				
WAN	1 Proposal Na	ame DH Group Er	SDES V	SHA1	Life Lime I			
	2	Group 1			0	360. V		
LAN	2	Group 1			0	360. •		
DHCR		Group 1			0	360.		
	4	Group 1			0	360.		
VPN	6	Group 1			0	Sec. V		
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		Group 1 🗸	JDES V	SHA1	U	Sec. 💌		
	8	Group 1 👻	3DES 💙	SHA1 💟	0	Sec. 💙		
	y	Group 1 👻	3DES 💙	SHA1 💟	0	Sec. 💙		
	10	Group 1 🚩	3DES 🚩	SHA1 🚩	0	Sec. 🚩		
		Proposal ID 1	Ad	d to Proposa	lindex			
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Address http://192.168.0.1/				💌 🛃 Go 🛛 Links
		Broadband VPN Route	er	
1	Home Advanced	Tools Status	Help	
	VPN Settings - Tunnel - Set IKE P	roposal		
	Item	Setting		
	IKE Proposal index	IKE01		
Wizard		Remove		
WAN	ID Proposal Name DH Group End	rypt algorithm Auth algorithm Life Time	E Life Time Unit	
	2 Group 1 V	3DES V SHA1 V 0	Sec. V	
	3 Group 1 🗸	3DES V SHA1 V 0	Sec. 💙	=
DHCP	4 Group 1 🔽	3DES V SHA1 V 0	Sec. 💙	
	5 Group 1 💙	3DES 💙 SHA1 💟 0	Sec. 💌	
VPN	6 Group 1 👻	3DES 💟 SHA1 💟 0	Sec. 💙	
	7 Group 1 💟	3DES 💙 SHA1 💙 0	Sec. 💙	
	8 Group 1 🔽	3DES 💙 SHA1 💙 0	Sec. 💙	
	9 Group 1 👻	3DES V SHA1 V 0	Sec. 💌	
	10 Group 1 💌	3DES 💙 SHA1 💙 0	Sec. 💙	
	Proposal ID 1	🗸 🖌 🖌 🗸 🗸 🖌 Add to		
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Step 12 Click on Select IPSec P	Proposal			

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Home	Advanced	Tools	Status	Help
VPN Settings -	Tunnel 1			
	ltem		Setting	
Tunnel Name		Tunnel	, i i i i i i i i i i i i i i i i i i i	
Aggressive Mod	e	Enable		
Local Subnet		192.168.0.0		
Local Netmask		255.255.255.0		
Remote Subnet		192.168.1.0		
Remote Netma:	sk	255.255.255.0		
Remote Gatewa	y.	165.165.146.12		
IKE Keep Alive	2)			
Preshare Key	-/	•••••		
Extended Auther	ntication	Enable		
(xAUTH)		Server mode	Set Local user	
		Client mode		
		User Name		
		Password		
IPSec NAT Trave	ersal	Enable		
Auto-reconnect		Enable		
Remote ID		Type IP Address		
LocaLID		Value	~	
Locario		Value		
IKE Pronosal In	lex	Select IKE Prov	oosal	
IPSec Proposal	Index	Select IPSec P	konosel	

Step 13 Enter a name for proposal ID number 1 and select Group 1, 2, 5, or None from the DH Group dropdown menu.

Step 14 Select ESP or AH as the Encapsulation Protocol.

Step 15 Select DES or 3DES as the Encryption Algorithm and either SHA-1, MD5, or None as the Authentication Algorithm.

Step 16 Enter a Lifetime value and then either select Sec. or KB as the unit for the lifetime value.

Step 17 Select 1 out of the Proposal ID dropdown menu and click Add To, which will add the proposal that was just configured to the IPSec Proposal Index. Click Apply and then click Restart.

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	VPN Settings - Tunnel - Set IPSEC Proposal						
11 00	IPSec Pronosal index						
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Wizard	Remove						
WAN	ID Proposal DH Group Encap Encrypt Auth Life Life Time						
	1 IPSEC01 Group 1 V ESP V 3DES V SHA1 V 3000 Sec. V						
LAN	2 None V ESP V 3DES V None V 0 Sec. V						
	3 None V ESP V 3DES V None V 0 Sec. V						
DACP	4 None V ESP V 3DES V None V 0 Sec. V						
VPN	5 None V ESP V 3DES V None V 0 Sec. V	=					
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	7 None V ESP V 3DES V None V 0 Sec. V						
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	10 None V ESP V 3DES V None V 0 Sec. V						
	Proposal ID 1 Add to Proposal index						
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Step 18 Follow these instructions to configure your Other DI-804HV using the exact same settings for the IKE Proposal and the IPSec Proposal. Also make sure that Step 4 is configured to reflect the LAN settings for what is now the Local DI-804HV and that Steps 5 & 6 are configured to reflect the Subnet and WAN IP of what is now the Remote DI-804HV

Step 19 To establish the connection, open a command prompt and ping an IP address of a computer on the remote LAN. Once you receive replies the tunnel has been established.