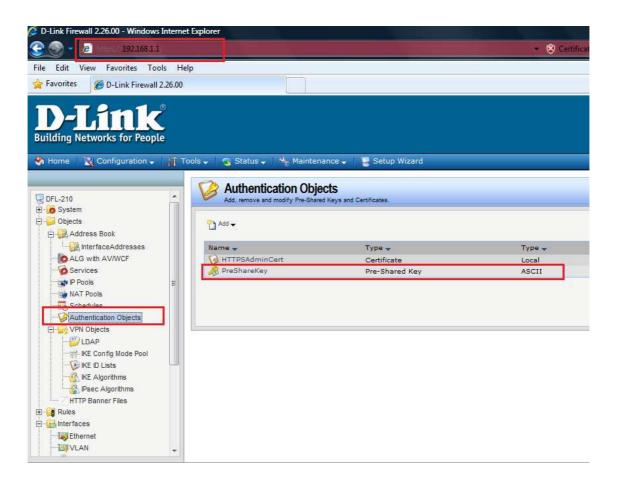
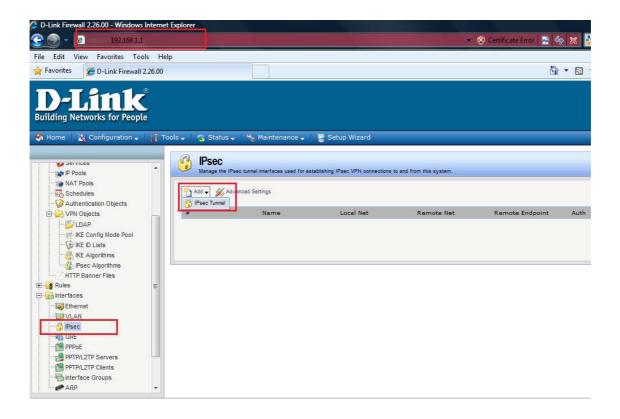


1. Create a Pre-shared Key object

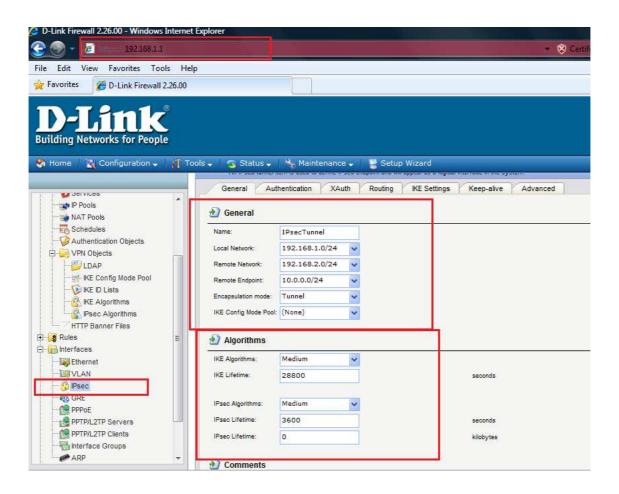


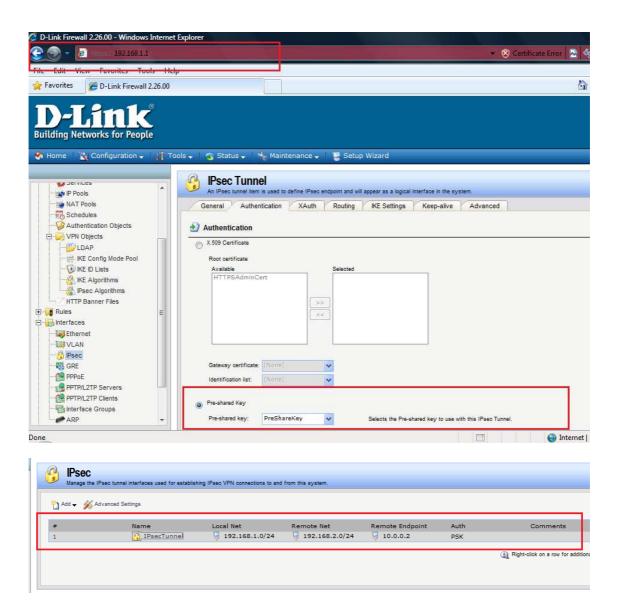
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DFL-210 DFL-210 Dipicts Dip	Pre-Shared Key PSK (Pre-Shared Key) authentication is based on a shared secret that is known only by the parties involved.      General      Orecrat      Name: Untitled	
Services IP Pools E NAT Pools	Shared Secret	
Config Mode Pool	Hexadecimal key     Hexadecimal key     Hexadecimal key     Hexadecimal key     Passphrase:	es UTF-1
Rules	Generate Random Key Since regular words and phrases are vulnerable to dictionary attacks, do not use them as shared secrets.	

2. Create **an IPsec Tunnel** object Local Network:192.168.1.0/24 Remote Network:192.168.2.0/24 Remote Gateway:10.0.0.2/24 Encapsulation mode:Tunnel **Authentication: select the Pre-shared key object defined before** 



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		General Auti	nentication XA	utn	Routing	IKE Settin	js	Keep-aiivi
🔁 🛃 Address Book	*	쉸 General						
ALG with AV/WCF		Name:	IPsecTunnel				-	
Services		Local Network:	192.168.1.0/24	~				
IP Pools		Remote Network:	192.168.2.0/24	Contraction of the local division of the loc				
NAT Pools		Remote Endpoint:	10.0.0.2	302				
Schedules		1000 1000 1000 1000 1000 1000 1000 100	80002300207	*				
Authentication Objects     Hold Authentication Objects		Encapsulation mode:	Tunnel	*				
HTTP Banner Files		IKE Config Mode Pool:	(None)	*				
🕞 Rules							<u> </u>	
le linterfaces	111	2 Algorithms						
Ethernet		IKE Algorithms:	Medium	*				
VLAN		IKE Lifetime:	28800					seconds
GRE GRE		5						
PPPoE		IPsec Algorithms:	Medium	*				
PPTP/L2TP Servers		IPsec Lifetime:	3600					seconds
PPTP/L2TP Clients	-	IPsec Lifetime:	0					kilobytes
Routing		1 Comments		_			_	
P C IDP / IPS	*							





3. Set up 2 IP rules



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Caper and	8 IP Rule						
DFL-210		ettings NAT	form on network traffic that		iter ontena.		
🖻 🌽 Objects	General Log S	ieungs NAT	SAT Multiple	X SAI			
- S IP Rules	🔬 General						
	Name: TEST_2						
	Action: Allow	*					
	Service: all_service	es 👻					
wan_to_lan	Schedule: (None)	*					
Access	Address Filter						
Interfaces     Interfaces	Specify source interface	and source network	k, together with destination	interface and destination	network. All paran	meters have to match for the	rule to match.
E DP / IPS	Source		Destination				
User Authentication     Traffic Management	Interface: IPsecTu	nnel 🗸	lan	~			
E B Intrie management	Network: 192.168	3.2.0/24 🗸	192.168.1.0/24)	~			
	Daniel						
	2 Comments						
	Comments:						
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D-Link ilding Networks for People						S Logge admin	d in as <b>administrator</b> - 192.168.1.91
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DFL-210	P Rules P rules are used to filter IP-based network tra	flic. In addition, they pr	ovide means for address translati	ion as well as Server Load Bala	ncing.		
Objects	1.						
Rules		A-41	Src If	Cree Note	Dest If	Deat Nat	Carrier
an_to_wan 1	Name § ping_fw	Action M Allow	Src Ir [3] Ian	Src Net	Core	Dest Net	Service
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	📑 lan_to_wan						
4	_∰ dmz_to_lan _∰ dmz_to_wan						
wan_to_dmz 6	g wan_to_lan g wan_to_dmz						
Interfaces 8	\$ TEST_1 \$ TEST_2	Allow Allow	🔝 lan 😚 IPsecTunnel	9 192.168.1.0/24 9 192.168.2.0/24	IPsecTunn I lan	el 🛛 192.168.2.0/24	
Routing     DP / IPS	0 ·	Lu					on a row for additional option

(1) Right-click on a row for additional option

Move the rule to the top:

🚹 Add 🖵							
	Name	Action	51011	Sic Net	Desi Ií	Destinet	Jervice
1	STEST_1	🟦 Allow	🛐 lan	192.168.1.0/24	😚 IPsecTunnel	3 192.168.2.0/24	
2	TEST_2	Allow	😚 IPsecTunnel	92.168.2.0/24	🔝 lan	92.168.1.0/24	all_servic
3	<pre>\$ ping_fw</pre>	🟦 Allow	🔝 lan	🗟 lannet	🔝 core	🗟 lan_ip	🛛 🗑 ping-inbo
4	📑 lan_to_wan						
5	🔀 lan_to_dmz						
6	🔀 dmz_to_lan						
7	📴 dmz_to_wan						
8	诸 wan_to_lan						
9	🙀 wan_to_dmz						

## Add the route

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D-Link Building Networks for People		<u>39 - 14</u>							i as administi 92.168.1.91
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P DFL-210	main	s a predefined main ro	uting table. Alternate routing t	ables can be defined by th	e user				
<ul> <li>B System</li> <li>Dijects</li> <li>Rules</li> </ul>	Add - Edi	this object							
🗈 🔂 Interfaces	Switch Route	Туре	Interface	Network	Gateway	Local IP address	Metric	Monitor this route	Comments
E-126 Routing	1	J Route	🔝 wan	🗟 wannet			100	No	Direct route network war over interfa
Routing Rules	2	J Route	🔝 dmz	💡 dmznet			100	No	Direct route network dm over interfa dmz.
Boute Load Balancing     Kouting Settings     DP / IPS	3	C Route	🔝 lan	🖗 lannet			100	No	Direct route network lan over interfa lan.
User Authentication     Traffic Management		P Route	IPsecTunnel	<b>192.168.2.0/2</b>			90	No	Direct route

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	s V Mainten		stup wizaru	
DFL-210 DFL-210 DFL-210 Dobjects	lines what interface and	gateway to use in orda nitor Monitore		ietwork.
Routing Interface:	IPsecTunnel	~		
Proving Tables Network:	192.168.2.0/24	~		
Gateway: Gateway:	(None)	~		
GMP     Local IP address     English     Katrin		~		
Routing Settings	0	_		
Commen     Get User Authentication	ts			
E - Comments:				
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The other side:

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	- 🥝 IPsec Tun			
🕞 DFL-1600 🕀 🌀 System		em is used to define IF	scarsing of terms	
🗄 📁 Objects	General Aut	hentication XA	uth Rou	ting IKE
🛱 🥵 Rules	General			
E- \$ IP Rules	General			
an1_to_wan1	Name:	IPsecTT		
Access	Local Network:	192.168.2.0/24	*	
Ethernet	Remote Network:	192.168.1.0/24	*	
	Remote Endpoint:	10.0.0.1	*	
	Encapsulation mode:	Tunnel	*	
	IKE Config Mode Pool:	(None)	*	
PPTP/L2TP Servers				
PPTP/L2TP Clients	Algorithms			
Mainterface Groups	IKE Algorithms:	Medium	*	
🕀 🙀 Routing	IKE Lifetime:	28800		
🗄 🧭 IDP / IPS				
User Authentication	IPsec Algorithms:	Medium	~	
	IPsec Lifetime;	3600		
	IPSEC LITETIME:	0		

## PC\_1 setting:

Property	Value
Connection-specific DN Description Physical Address DHCP Enabled	Intel(R) PRO/100 VE Network Connecti 00-1B-24-1E-4F-A8 No
IPv4 IP Address IPv4 Subnet Mask	192.168.1.91 255.255.255.0
IPv4 Default Gateway	192.168.1.1
IPv4 DNS Server IPv4 WINS Server NetBIOS over Tcpip En	Yes
•	