

Both of devices PC can connect every site LAN net.

[DFL-800 Setup]

1. Interfaces > Ethernet

Setup WAN1 interface IP.

2. Objects > Address Book

3	DFL-160-1-lan-net	192.167.10.0/24
4	💡 DFL-160-2-lan-net	192.166.10.0/24
5	🔒 lan-DFL-160-1-net	DFL-160-1-lan-net, lannet
6	lan-DFL-160-2-net	DFL-160-2-lan-net, lannet

Objects > Authentication Objects > Add Pre-Shared Key
 KEY: 123456789 (All of IPSec are use the same Pre-Shared Key)

2	🤏 key	Pre-Shared Key	ASCII	

4. Interfaces > IPsec

Add two IPSec for the remote side.

1	🌍 ipsec-if-to-DFL-160-1 💡	an-DFL-160-2-net	DFL-160-1-lan-net	2.2.2.2	PSK	
2	🜖 ipsec-if-to-DFL-160-2 🍦	🔓 lan-DFL-160-1-net 🧧	DFL-160-2-lan-net	3.3.3.3	PSK	

General	Authentication	XAuth	Routing	IKE Settings	Keep-alive	Advanced	
Automa	tic Route Creation	n					
omatically Add route	add route for remote ne e for remote network	etwork.					
ute metric:	90						

5. Interfaces > Interface Groups

# 👻	Name -	Members -	Comments	
1	🔁 ipsec-1and2-lan	ipsec-if-to-DFL-160-1, ipsec-i 160-2, lan	f-to-DFL-	
Selected				
ipsec-if-to-DFL-160-1 ipsec-if-to-DFL-160-2 lan				

6. Rules > IP Rules

🐻 ipsec-1and2-lan 🤤 all-nets

🐻 ipsec-1and2-lan 🎯 all-nets



[DFL-160-1]

2

1. System > Internet connection Setup the WAN IP.

> XAuth Password: Confirm Password:

🚦 ipsec-in

Allow

2. Firewall > VPN

add 🗕			
200		DomotoNotwork	DomotoCotoway
	VPN Type	Remotenetwork	RemoteGateway
0-DFL-160-2	IPsec Tunnel	192.168.10.0/24	1.1.1.1
		4	Right-click on a row for additional option
sec Advanced			
ENERAL			
An IPsec tunnel ite networks	em is used to define a	an IPsec endpoint for achivin	g secure communication accross public
Name:	to-DFL-160-2		
Name:	to-DFL-160-2		
Name: Local Network:	to-DFL-160-2		
Name: Local Network:	to-DFL-160-2 192.167.10.0/24		
Name: Local Network: NUTH ENTICATIO Configure the Pre-	to-DFI-160-2 192.167.10.0/24 ON -Shared Key for this tu	unnel.	
Name: Local Network: WTH ENTICATIO Configure the Pre-	to-DFI-160-2 192.167.10.0/24 ON -Shared Key for this tu	unnel.	Notel Existing DSK will always be shown u
Name: Local Network: AUTH ENTICATIO Configure the Pre- PSK - Pre-Shared H	to-DFI-160-2 192.167.10.0/24 ON -Shared Key for this tu Key:	unnel.	Note! Existing PSK will always be shown v 8 characters to hide the actual length.
Name: Local Network: AUTH ENTICATIO Configure the Pre- PSK - Pre-Shared H Confirm PSK:	to-DFL-160-2 192.167.10.0/24 ON -Shared Key for this tu Key:	unnel.	Note! Existing PSK will always be shown v 8 characters to hide the actual length.
Name: Local Network: AUTH ENTICATIO Configure the Pre- PSK - Pre-Shared H Confirm PSK:	to-DFL-160-2 192.167.10.0/24 ON -Shared Key for this tu Key:	unnel.	Note! Existing PSK will always be shown v 8 characters to hide the actual length.
Name: Local Network: Configure the Pre- PSK - Pre-Shared H Confirm PSK: UNNEL TYPE	to-DFL-160-2 192.167.10.0/24 ON -Shared Key for this tu Key: •••••••• ••••••••	unnel.	Note! Existing PSK will always be shown v 8 characters to hide the actual length.
Name: Local Network: Configure the Pre- PSK - Pre-Shared H Confirm PSK: UNNEL TYPE The IPsec tunnel (to-DFL-160-2 192.167.10.0/24 ON -Shared Key for this tu Key: ••••••• ••••••• can be configured in e	unnel.	Notel Existing PSK will always be shown v 8 characters to hide the actual length. to-LAN mode.
Name: Local Network: XUTHENTICATIO Configure the Pre- PSK - Pre-Shared H Confirm PSK: UNNEL TYPE The IPsec tunnel o Roaming Users	to-DFL-160-2 192.167.10.0/24 ON -Shared Key for this tu Key: can be configured in e	unnel.	Note! Existing PSK will always be shown v 8 characters to hide the actual length. to-LAN mode.
Name: Local Network: Configure the Pre- PSK - Pre-Shared H Confirm PSK: UNNEL TYPE The IPsec tunnel (Roaming Users	to-DFL-160-2 192.167.10.0/24 ON -Shared Key for this tu Key: can be configured in es	unnel.	Note! Existing PSK will always be shown v 8 characters to hide the actual length. to-LAN mode.
Name: Local Network: Configure the Pre- PSK - Pre-Shared H Confirm PSK: UNNEL TYPE The IPsec tunnel of Roaming Users Require u	to-DFL-160-2 192.167.10.0/24 ON -Shared Key for this tu Key: can be configured in e s user authentication via	unnel.	Note! Existing PSK will always be shown v 8 characters to hide the actual length. to-LAN mode.
Name: Local Network: Configure the Pre- PSK - Pre-Shared H Confirm PSK: UNNEL TYPE The IPsec tunnel of Roaming Users Require u LAN-to-LAN	to-DFL-160-2 192.167.10.0/24 ON -Shared Key for this tu Key: •••••••• •••••••• can be configured in e s user authentication via	unnel.	Note! Existing PSK will always be shown v 8 characters to hide the actual length. to-LAN mode.
Name: Local Network: AUTH ENTICATIO Configure the Pre- PSK - Pre-Shared H Confirm PSK: UNNEL TYPE The IPsec tunnel of Roaming Users Roaming Users LAN-to-LAN Remote Netwo	to-DFL-160-2 192.167.10.0/24 ON -Shared Key for this tu Key: •••••••• •••••••• can be configured in essuer authentication via vork: 192.166.10.	unnel. ather roaming mode or LAN- IKE XAuth to open tunnel.	Note! Existing PSK will always be shown v 8 characters to hide the actual length. to-LAN mode.

Note! Existing passwords will always be shown with 8 characters to hide the actual length.

SENERAL		
An IPsec tunnel ite networks	m is used to define an IPsec end	point for achiving secure communication accross public
Name:	to-DFL-800	
Local Network:	192.167.10.0/24	
UTHENTICATIO)N	
Configure the Pre-	Shared Key for this tunnel.	
PSK - Pre-Shared K	ey: •••••	Note! Existing PSK will always be shown with
Confirm DSK:		8 characters to hide the actual length.
Committee ord		
commendation		
UNNEL TYPE		
UNNEL TYPE	an be configured in either roamin	a mode or LAN-to-LAN mode.
UNNEL TYPE The IPsec tunnel c	an be configured in either roamin	g mode or LAN-to-LAN mode.
UNNEL TYPE The IPsec tunnel c Roaming Users	an be configured in either roamin er authentication via IKE XAuth t	g mode or LAN-to-LAN mode. :o open tunnel.
UNNEL TYPE The IPsec tunnel c Roaming Users Require us S LAN-to-LAN	an be configured in either roamin er authentication via IKE XAuth t	g mode or LAN-to-LAN mode. :o open tunnel.
UNNEL TYPE The IPsec tunnel c Roaming Users Require us LAN-to-LAN Remote Netw	an be configured in either roamin ser authentication via IKE XAuth t ork: 192.168.10.0/24	g mode or LAN-to-LAN mode. :o open tunnel.
UNNEL TYPE The IPsec tunnel c Roaming Users Require us LAN-to-LAN Remote Netw Remote Gatew	an be configured in either roamin ser authentication via IKE XAuth t ork: 192.168.10.0/24 vay: 1.1.1.1	g mode or LAN-to-LAN mode. to open tunnel.] E.g. 10.4.230.2 or dns:gw.domain.com
UNNEL TYPE The IPsec tunnel c Roaming Users Require us LAN-to-LAN Remote Netw Remote Gatew Pass userr	an be configured in either roamin ser authentication via IKE XAuth t ork: 192.168.10.0/24 vay: 1.1.1.1 name and password to peer via IK	g mode or LAN-to-LAN mode. to open tunnel.] E.g. 10.4.230.2 or dns:gw.domain.com E XAuth, if the remote gateway requires it.
UNNEL TYPE The IPsec tunnel c Roaming Users Require us LAN-to-LAN Remote Netw Remote Gatew Pass userr XAuth Us	an be configured in either roamin ser authentication via IKE XAuth t ork: 192.168.10.0/24 vay: 1.1.1.1 name and password to peer via IK er Name:	g mode or LAN-to-LAN mode. to open tunnel. E.g. 10.4.230.2 or dns:gw.domain.com E XAuth, if the remote gateway requires it.
UNNEL TYPE The IPsec tunnel c Roaming Users LAN-to-LAN Remote Netw Remote Gatew Pass userr XAuth Us XAuth Pa	an be configured in either roamin ser authentication via IKE XAuth t ork: 192.168.10.0/24 vay: 1.1.1.1 name and password to peer via IK er Name:	g mode or LAN-to-LAN mode. to open tunnel. E.g. 10.4.230.2 or dns:gw.domain.com E XAuth, if the remote gateway requires it. Note! Existing passwords will always be show with 8 characters to hide the actual length.

[DFL-160-2]

1. System > Internet connection

Setup the WAN IP.

2. Firewall > VPN

VPN					
Name 🛩	VPN Type	RemoteNetwork	RemoteGateway		
to-DFL-160-1	IPsec Tunnel	192.167.10.0/24	1.1.1.1		
	IDees Tuesel	192 168 10 0/24	1.1.1.1		

GENERAL		
An IPsec tunnel ite networks	m is used to define an IPsec end	point for achiving secure communication accross public
Name:	to-DFL-160-1	
Local Network:	192.166.10.0/24	
AUTHENTICATIO	DN .	
Configure the Pre-	Shared Key for this tunnel.	
PSK - Pre-Shared K	ey: •••••	Note! Existing PSK will always be shown with 8 characters to hide the actual length.
Confirm PSK:	••••••	
TUNNEL TYPE		
TUNNEL TYPE The IPsec tunnel c Roaming Users	an be configured in either roamin	g mode or LAN-to-LAN mode.
TUNNEL TYPE The IPsec tunnel c Roaming Users	an be configured in either roamin ser authentication via IKE XAuth t	g mode or LAN-to-LAN mode. o open tunnel.
TUNNEL TYPE The IPsec tunnel c Roaming Users Require us IAN-to-LAN	an be configured in either roamin ser authentication via IKE XAuth t	g mode or LAN-to-LAN mode. o open tunnel.
TUNNEL TYPE The IPsec tunnel c Roaming Users Require us LAN-to-LAN Remote Netw	an be configured in either roamin ser authentication via IKE XAuth t ork: 192.167.10.0/24	g mode or LAN-to-LAN mode. o open tunnel.
TUNNEL TYPE The IPsec tunnel c Roaming Users Require us LAN-to-LAN Remote Netw Remote Gatev	an be configured in either roamin ser authentication via IKE XAuth t ork: 192.167.10.0/24 vay: 1.1.1.1	g mode or LAN-to-LAN mode. o open tunnel.] E.g. 10.4.230.2 or dns:gw.domain.com
TUNNEL TYPE The IPsec tunnel c Roaming Users Require us LAN-to-LAN Remote Netw Remote Gatew	an be configured in either roamin ser authentication via IKE XAuth t ork: 192.167.10.0/24 vay: 1.1.1.1 name and password to peer via IK	g mode or LAN-to-LAN mode. o open tunnel.] E.g. 10.4.230.2 or dns:gw.domain.com E XAuth, if the remote gateway requires it.
TUNNEL TYPE The IPsec tunnel c Reaming Users Require us LAN-to-LAN Remote Netw Remote Gatew Pass userr XAuth Us	an be configured in either roamin ser authentication via IKE XAuth t ork: 192.167.10.0/24 vay: 1.1.1.1 name and password to peer via IK er Name:	g mode or LAN-to-LAN mode. o open tunnel.] E.g. 10.4.230.2 or dns:gw.domain.com E XAuth, if the remote gateway requires it.
TUNNEL TYPE The IPsec tunnel of Roaming Users Require us LAN-to-LAN Remote Netw Remote Gatew Pass usern XAuth Us XAuth Pa	an be configured in either roamin ser authentication via IKE XAuth t ork: 192.167.10.0/24 vay: 1.1.1.1 name and password to peer via IK er Name:	g mode or LAN-to-LAN mode. o open tunnel. E.g. 10.4.230.2 or dns:gw.domain.com XAuth, if the remote gateway requires it. Note! Existing passwords will always be shown with 8 characters to hide the actual length.

An IPsec tunnel ite networks	m is used to define an IPsec en	dpoint for achiving secure communication accross public
Name:	to-DFL-800	
Local Network:	192.166.10.0/24	
UTHENTICATIO	DN	
Configure the Pre-	Shared Key for this tunnel.	
PSK - Pre-Shared K	ey: •••••	Note! Existing PSK will always be shown with 8 characters to bide the actual length
Confirm PSK:	•••••	
Roaming Users	ser authentication via IKE XAuth	to open tunnel
Require us	ser authentication via IKE XAuth	to open tunnel.
LAN-to-LAN		_
Remote Netw	ork: 192.168.10.0/24	
Remote Gatev	1.1.1.1 I.1.1	E.g. 10.4.230.2 or dns:gw.domain.com
Pass usern	name and password to peer via I	KE XAuth, if the remote gateway requires it.
XAuth Us	er Name:	
		Note! Existing passwords will always be sho
XAuth Pa	ssword:	with 8 characters to hide the actual length

[Test Result]

- 1. DFL-800 LAN net PC can access DFL-160-1 and DFL-160-2.
- 2. DFL-160-1 LAN net PC can access DFL-800 and DFL-160-2.
- 3. DFL-160-2 LAN net PC can access DFL-800 and DFL-160-1