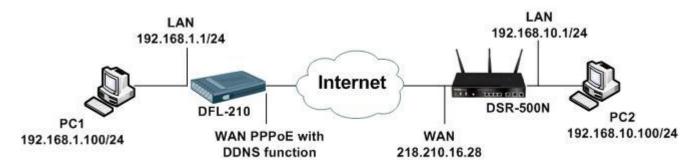
[Topology]



[DFL-210]

Firmware: 2.27.03.25-14787

DDNS Domain Name: chuckwang.dlinkddns.com

1. Objects > Address Book

Add two of DNS server IP objects.

3	Google_DNS	8.8.8.8
4	HiNet_ISP_DNS	168.95.1.1

2. System > DNS



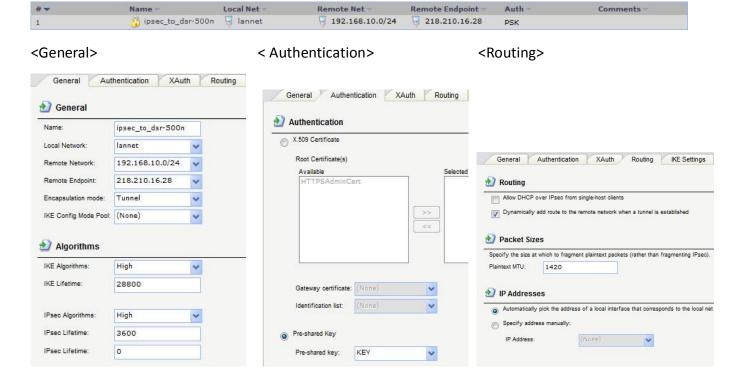
3. Objects > Authentication Objects

Create Pre-Shared Key.



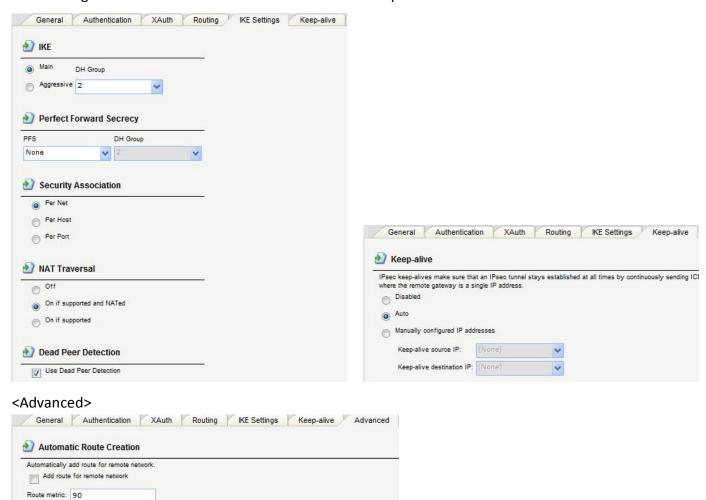
4. Interfaces > IPsec

Create IPsec policy.



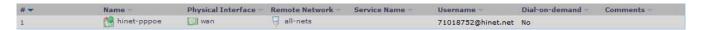
<IKE Settings>

<Keep-alive>



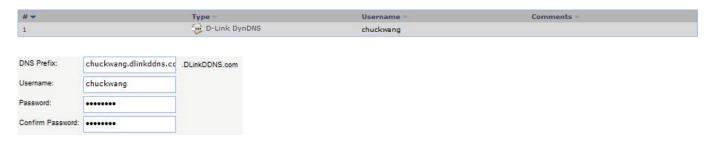
5. Interfaces > PPPoE

Create PPPoE interface.

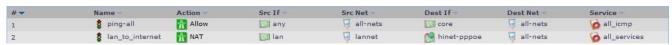


6. System > Misc. Clients

Setup DDNS



7. Rules > IP Rules



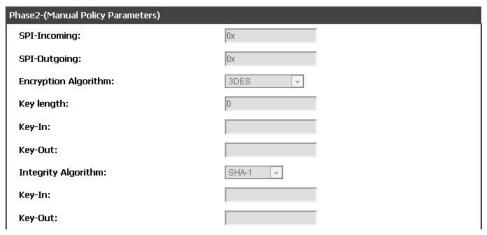
[DSR-500N] Firmware: 1.06B55

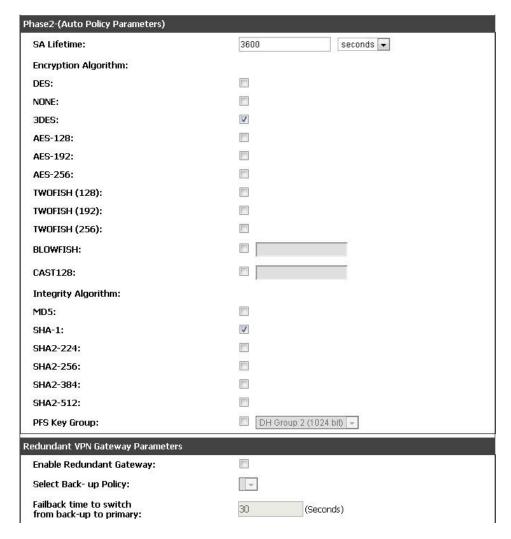
- Setup > Internet Settings > WAN1 Settings > WAN1 Status Setup WAN interfaces IP.
- 2. Setup > VPN Settings > IPsec > IPsec Policies

General	
Policy Name:	ipsec_to_dfl_210
Policy Type:	Auto Policy 🔻
IKE Version:	IPv4IPv6
IKE Version:	
IPsec Mode:	Tunnel Mode 🔻
Select Local Gateway:	Dedicated WAN ▼
Remote Endpoint:	FQDN 🔻
	chuckwang.dlinkddns.c
Enable Mode Config:	
Enable NetBIOS:	
Enable RollOver:	
Protocol:	ESP ▼
Enable DHCP:	
Local IP:	Subnet •
Local Start IP Address:	192.168.10.0
Local End IP Address:	
Local Subnet Mask:	255.255.255.0
Local Prefix Length:	
Remote IP:	Subnet 💌
Remote Start IP Address:	192.168.1.0
Remote End IP Address:	
Remote Subnet Mask:	255.255.255.0
Remote Prefix Length:	
Enable Keepalive:	
Source IP Address:	
Destination IP Address:	
Detection Period:	10
Reconnect after failure count:	3
Phase1(IKE SA Parameters)	

Exchange Mode:	Main 🔻
Extriange Mode.	Iwairi 💌
Direction / Type:	Both 💌
Nat Traversal:	
On:	•
Off:	0
NAT Keep Alive Frequency (in seconds):	20
Local Identifier Type:	Local Wan IP
Local Identifier:	218.210.16.28
Remote Identifier Type:	Remote Wan IP
Remote Identifier:	chuckwang.dlinkddns.c
Encryption Algorithm:	
DES:	
3DES:	▽
AES-128:	
AES-192:	
AES-256:	
BLOWFISH:	
CAST128:	

Authentication Algorithm:	
MD5:	
SHA-1:	
SHA2-256:	
SHA2-384:	
SHA2-512:	
Authentication Method:	Pre-shared key ▼
Pre-shared key:	123456789
Diffie-Hellman (DH) Group:	Group 2 (1024 bit) ▼
SA-Lifetime (sec):	28800
Enable Dead Peer Detection:	
Detection Period:	10
Reconnect after failure count:	3
Extended Authentication:	None
Authentication Type:	User Database 🔻
User Name:	
Password:	





[Check]

DFL Console:

DFL-210:/> routes

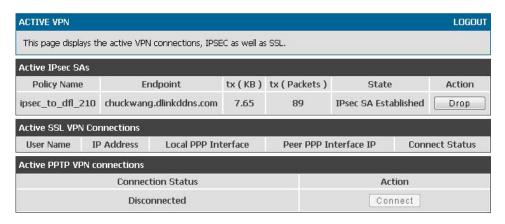
You can see the IPsec Dynamic route.



DFL-210:/> ipsecstats

DSR Web GUI:

Status > Active VPNs



[Result]

The tunnel will keep established and both of PC can ping each other.

END