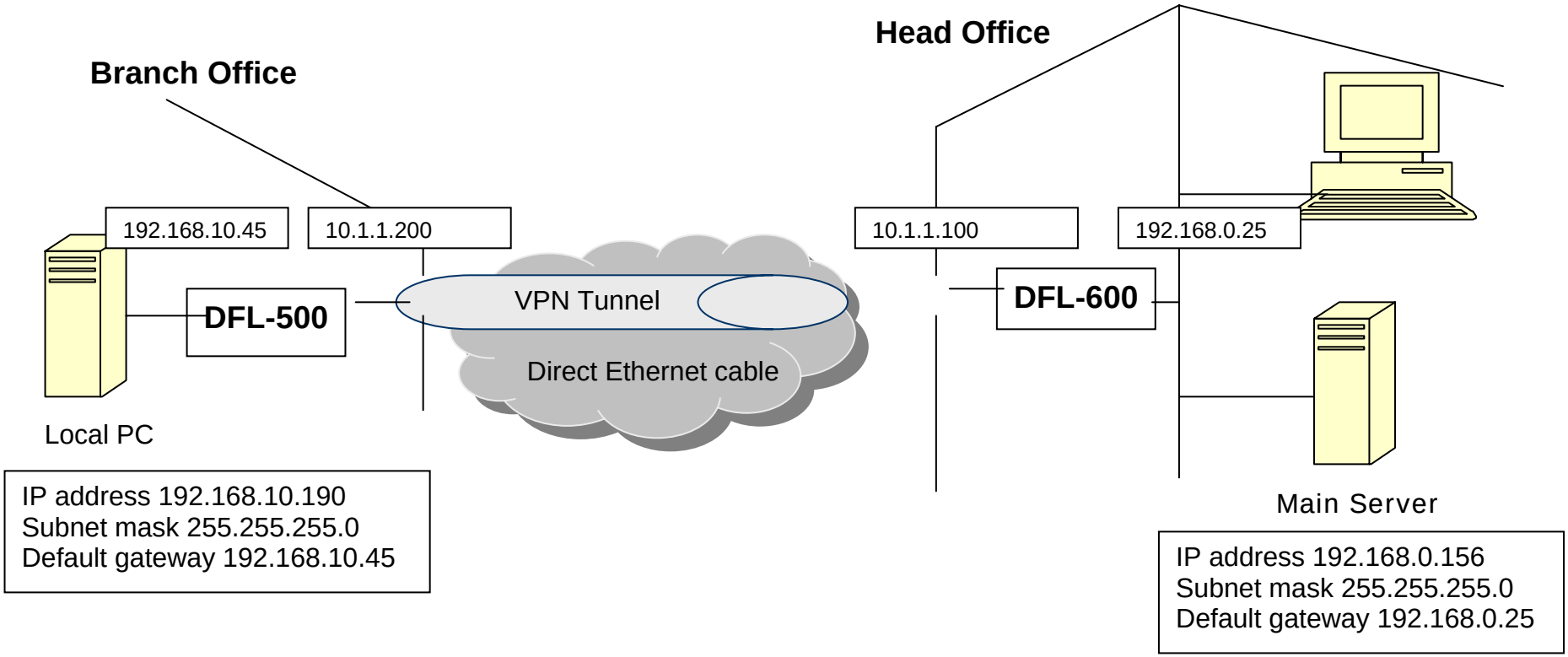
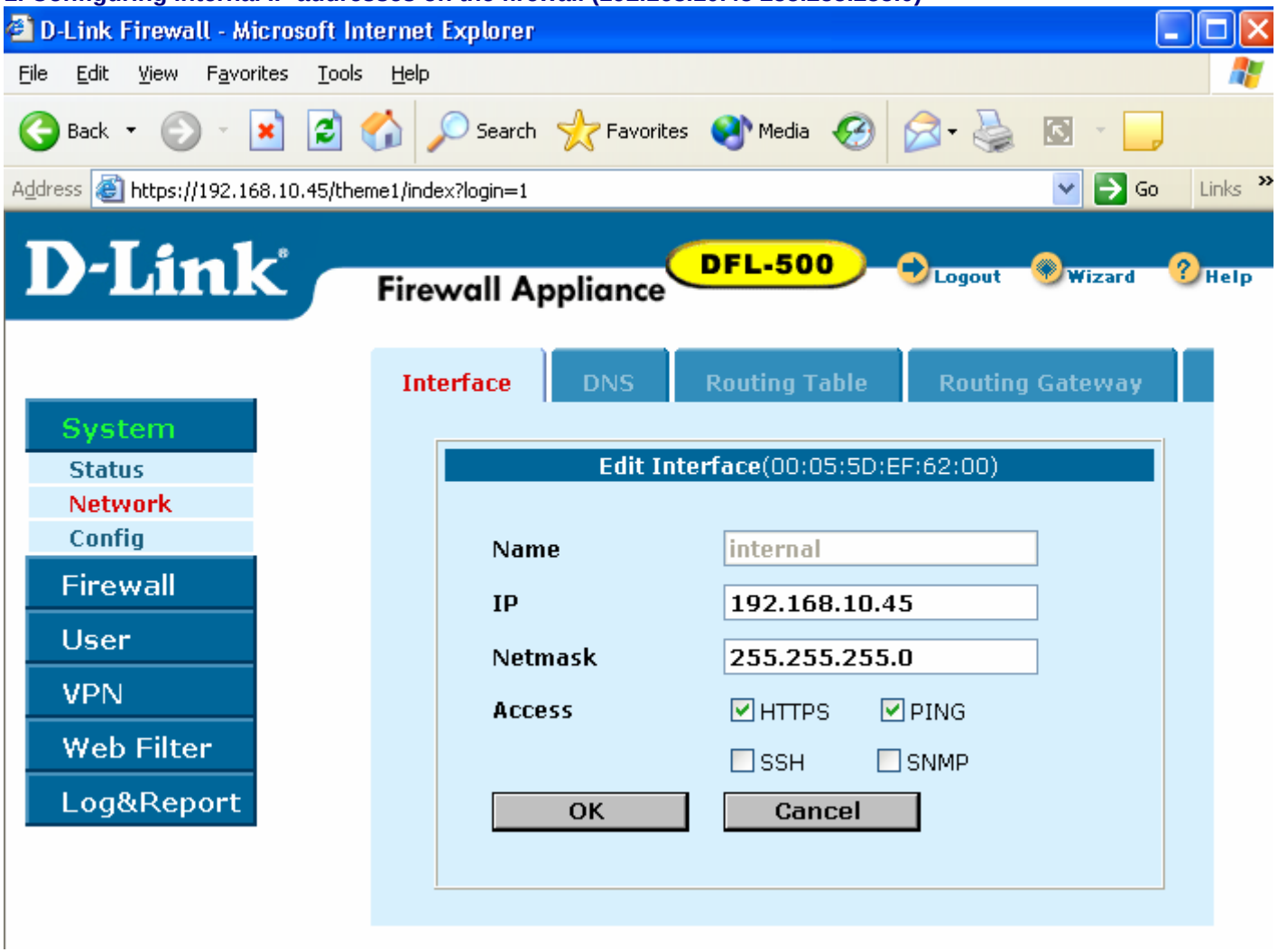
Configuring IPSec VPN between DFL-500 and DFL-600 in 15 simple steps

	DFL-500 configuration	DFL-600 configuration
Firmware version	2.36 build 77	1.05.b091
Lan IP	192.168.10.45 255.0.0.0	192.168.0.25 255.0.0.0
Wan IP	10.1.1.200	10.1.1.100
Default gateway	10.1.1.100	10.1.1.200
Pre-shared key	techsup	techsup
Ipsec local id	10.1.1.200	N/A
Ipsec remote id (peer id)	10.1.1.100	N/A

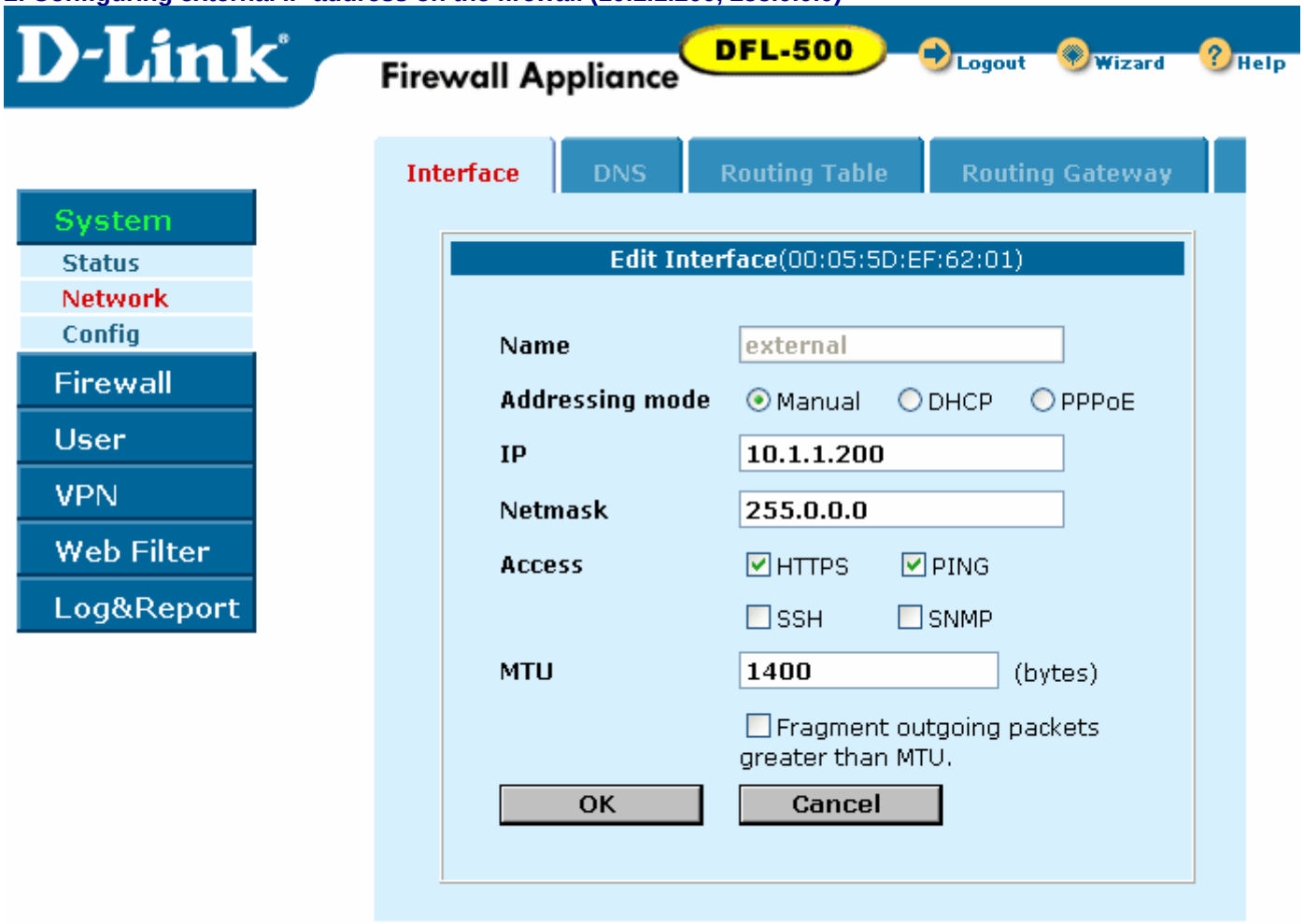


DFL-500 configuration

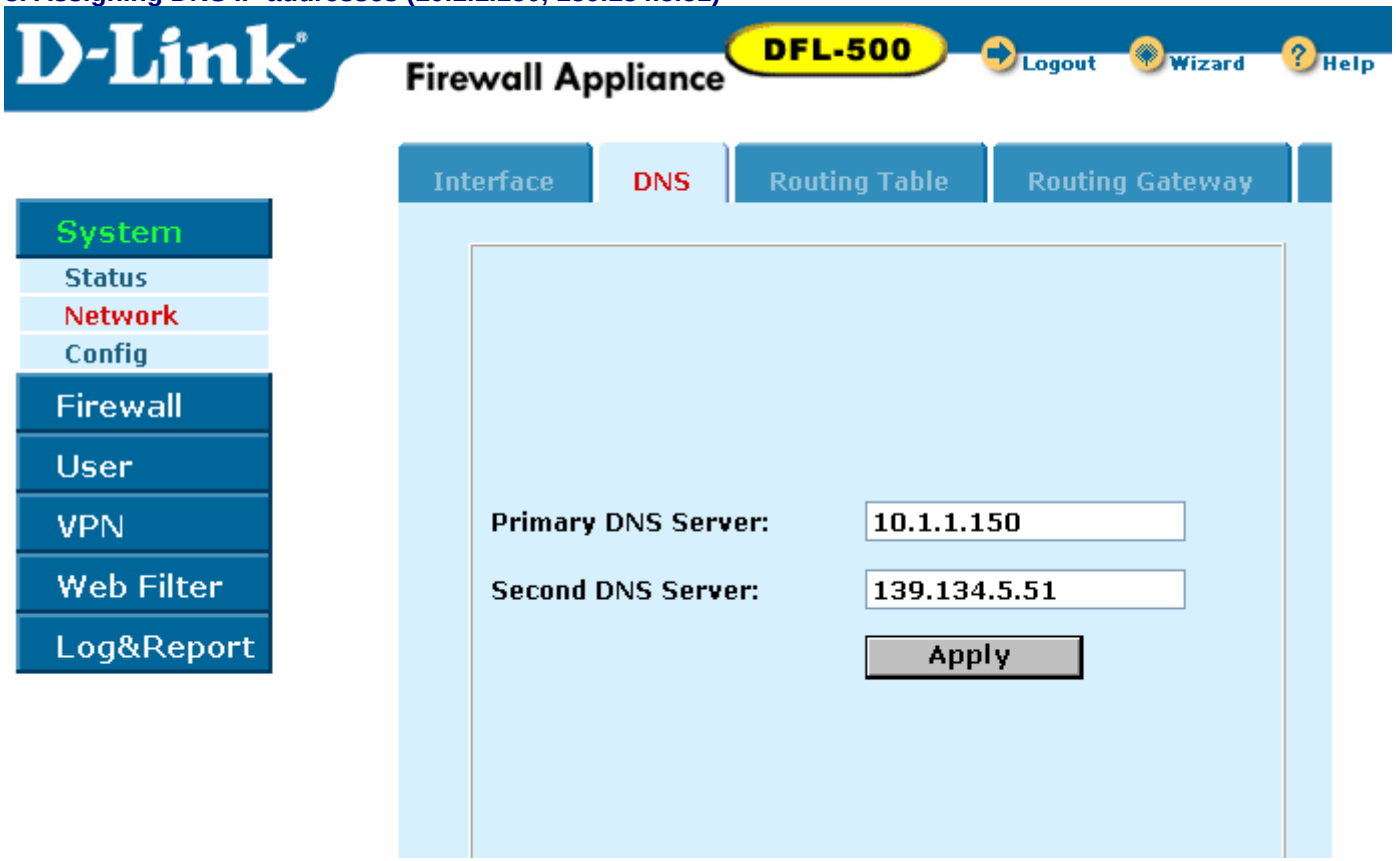
1. Configuring internal IP addresses on the firewall (192.168.10.45 255.255.255.0)



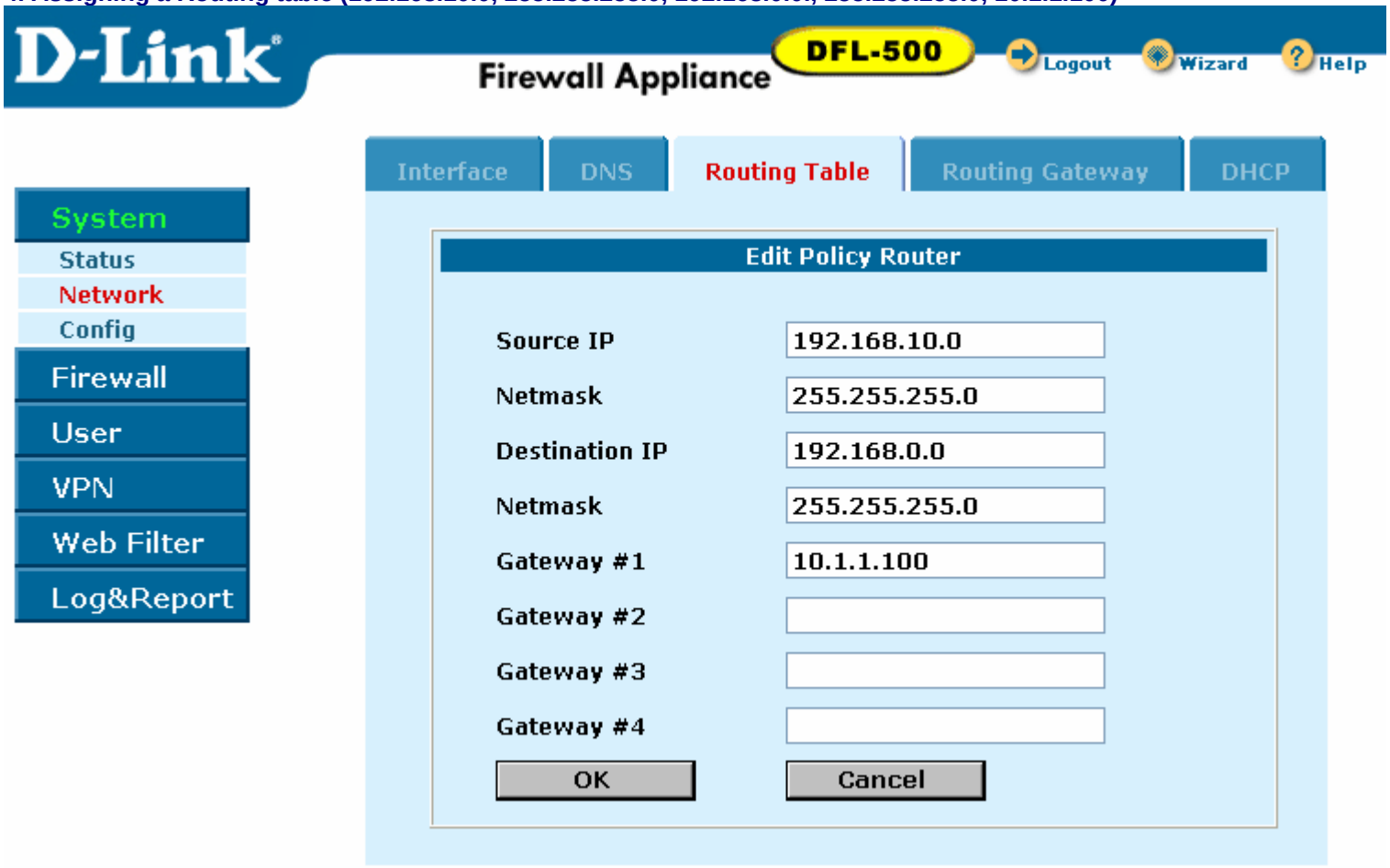
2. Configuring external IP address on the firewall (10.1.1.200, 255.0.0.0)



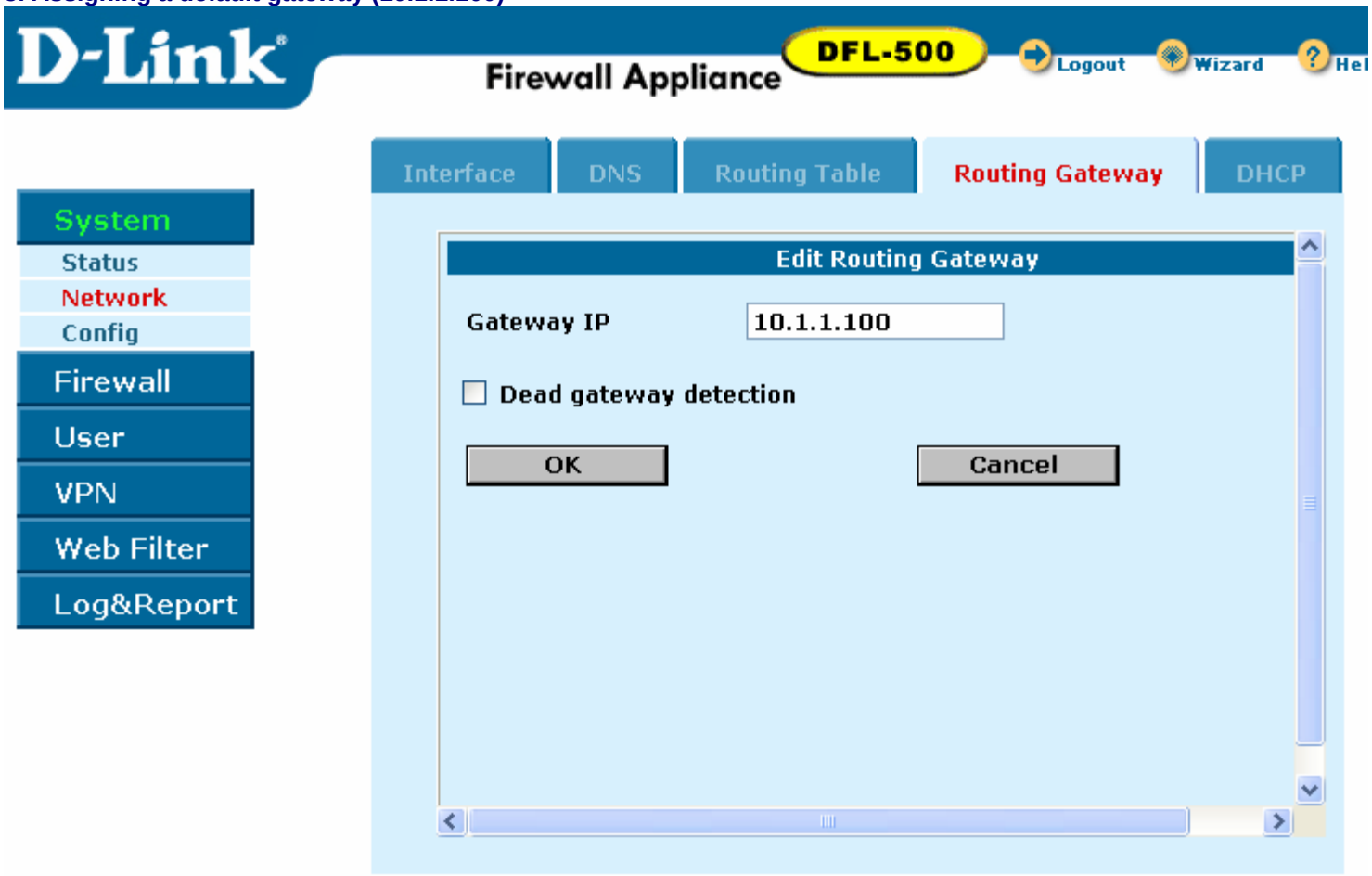
3. Assigning DNS IP addresses (10.1.1.150, 139.134.5.51)



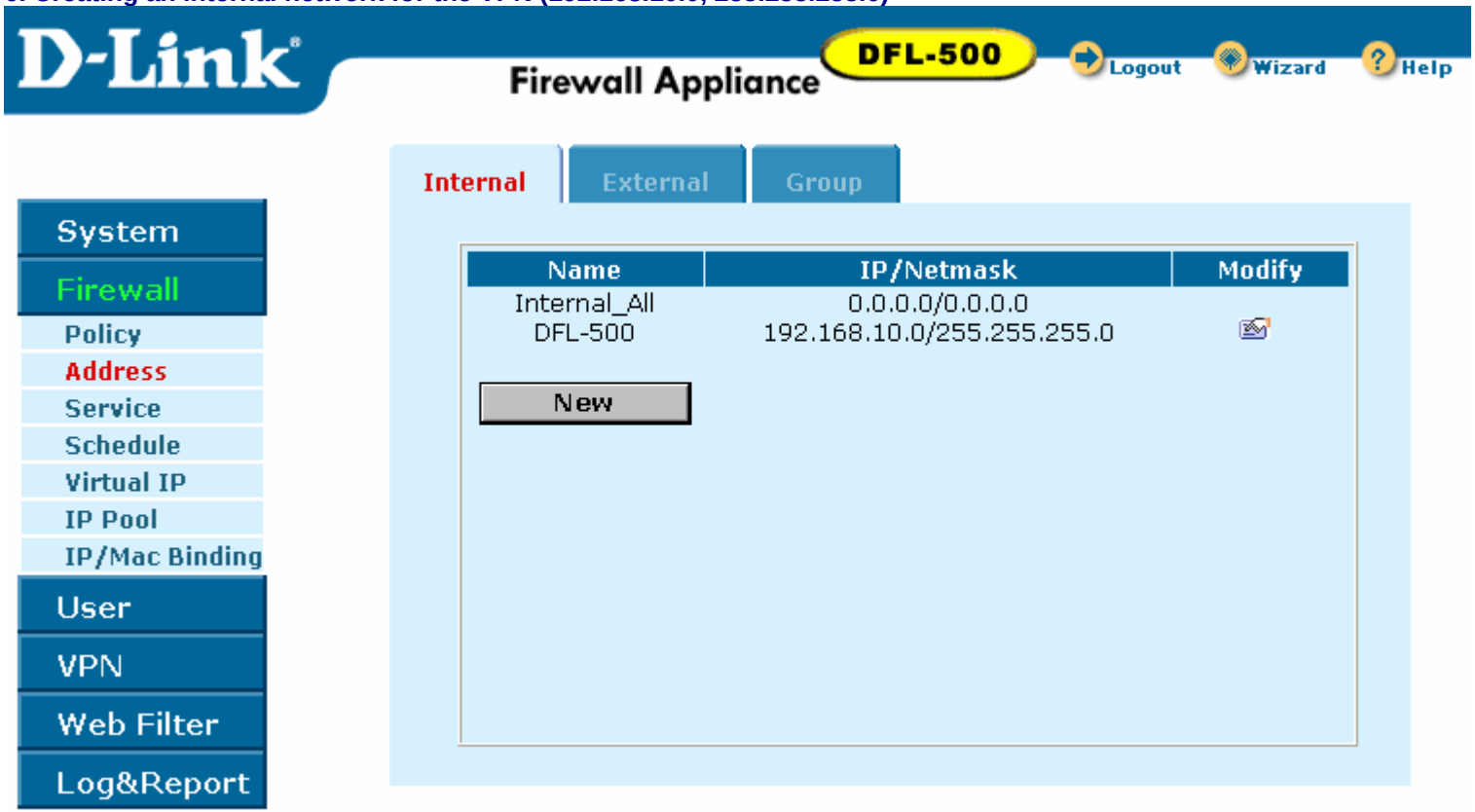
4. Assigning a Routing table (192.168.10.0, 255.255.255.0, 192.168.0.0., 255.255.255.0, 10.1.1.100)



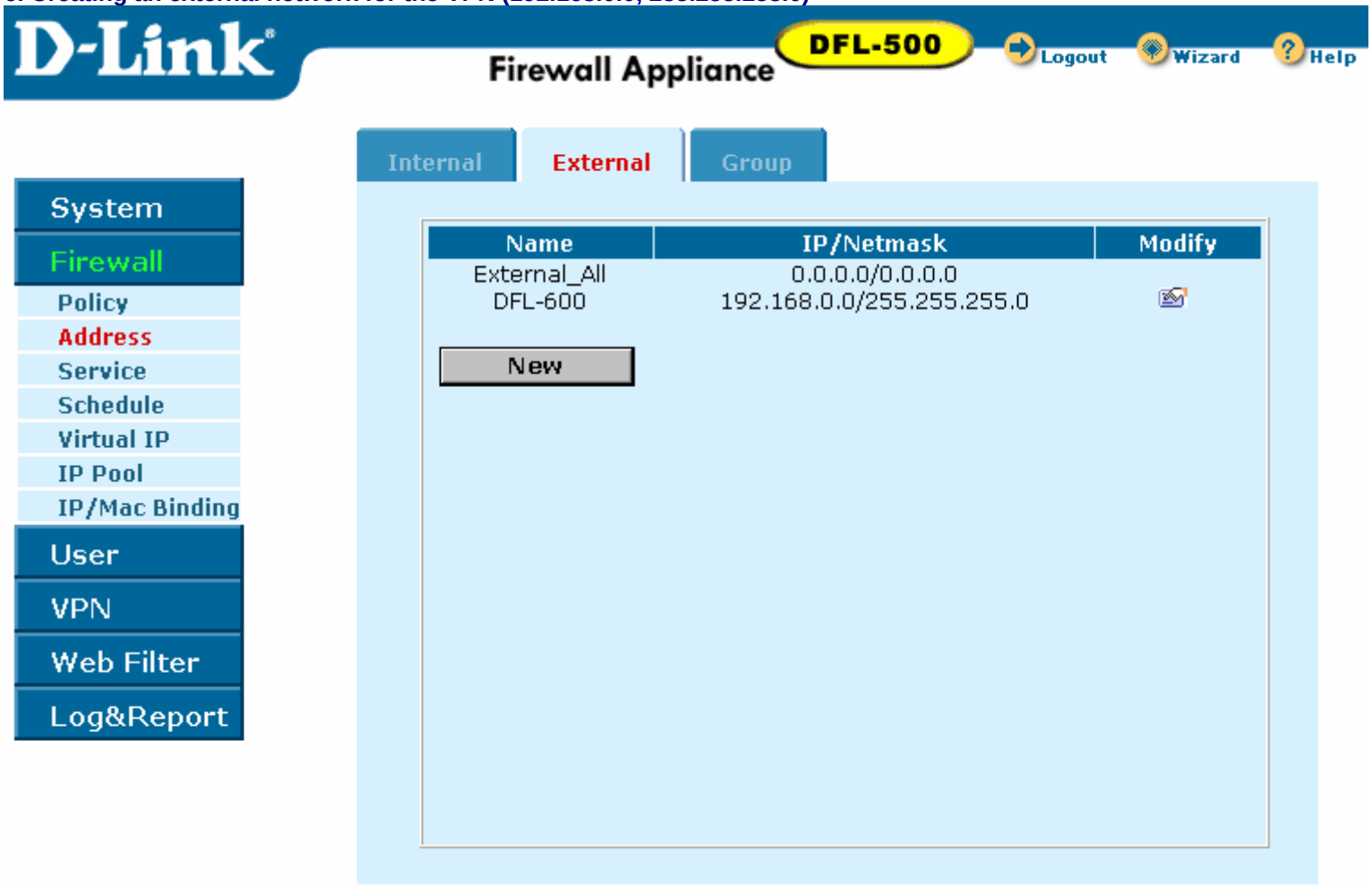
5. Assigning a default gateway (10.1.1.100)



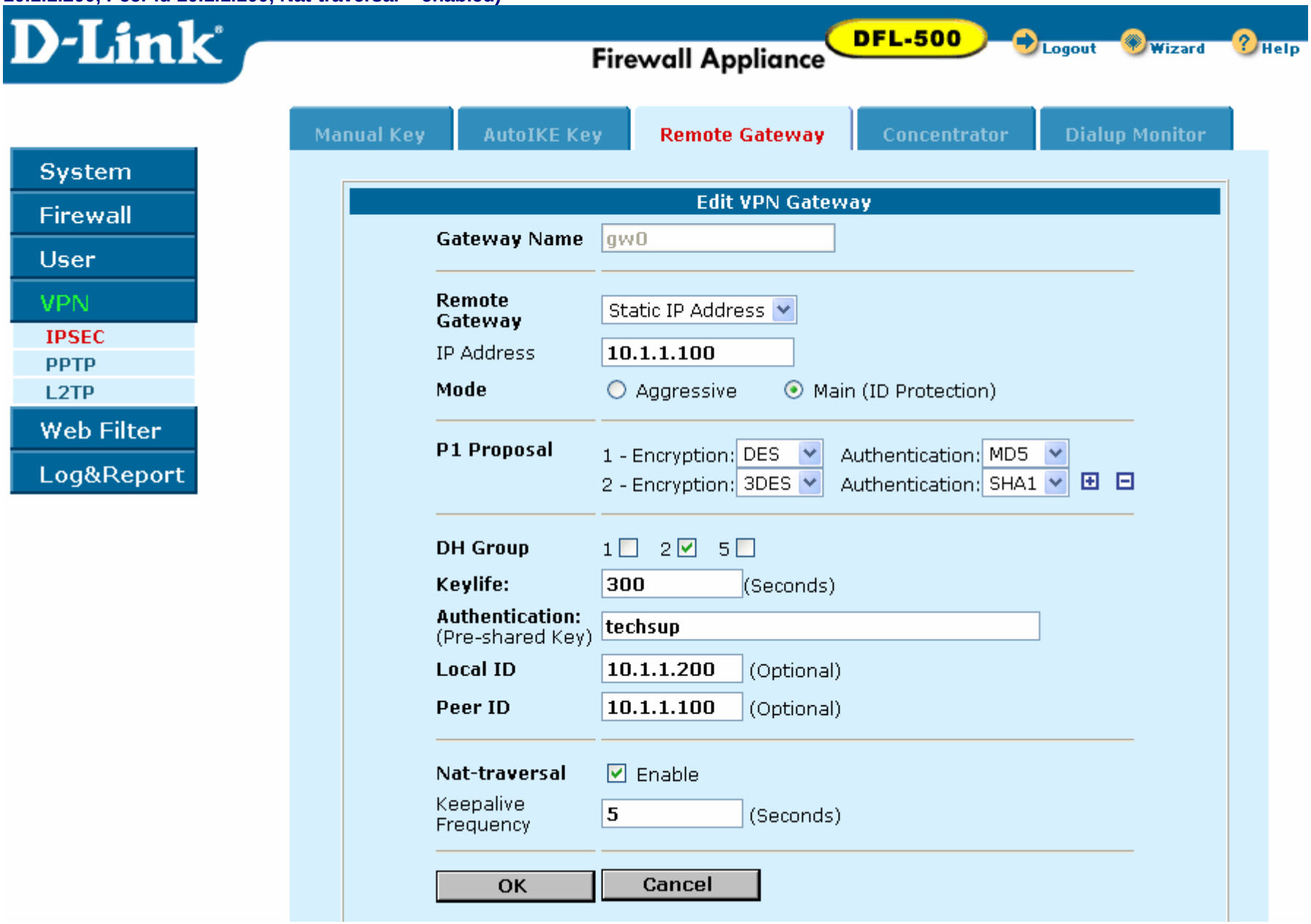
6. Creating an internal network for the VPN (192.168.10.0, 255.255.255.0)



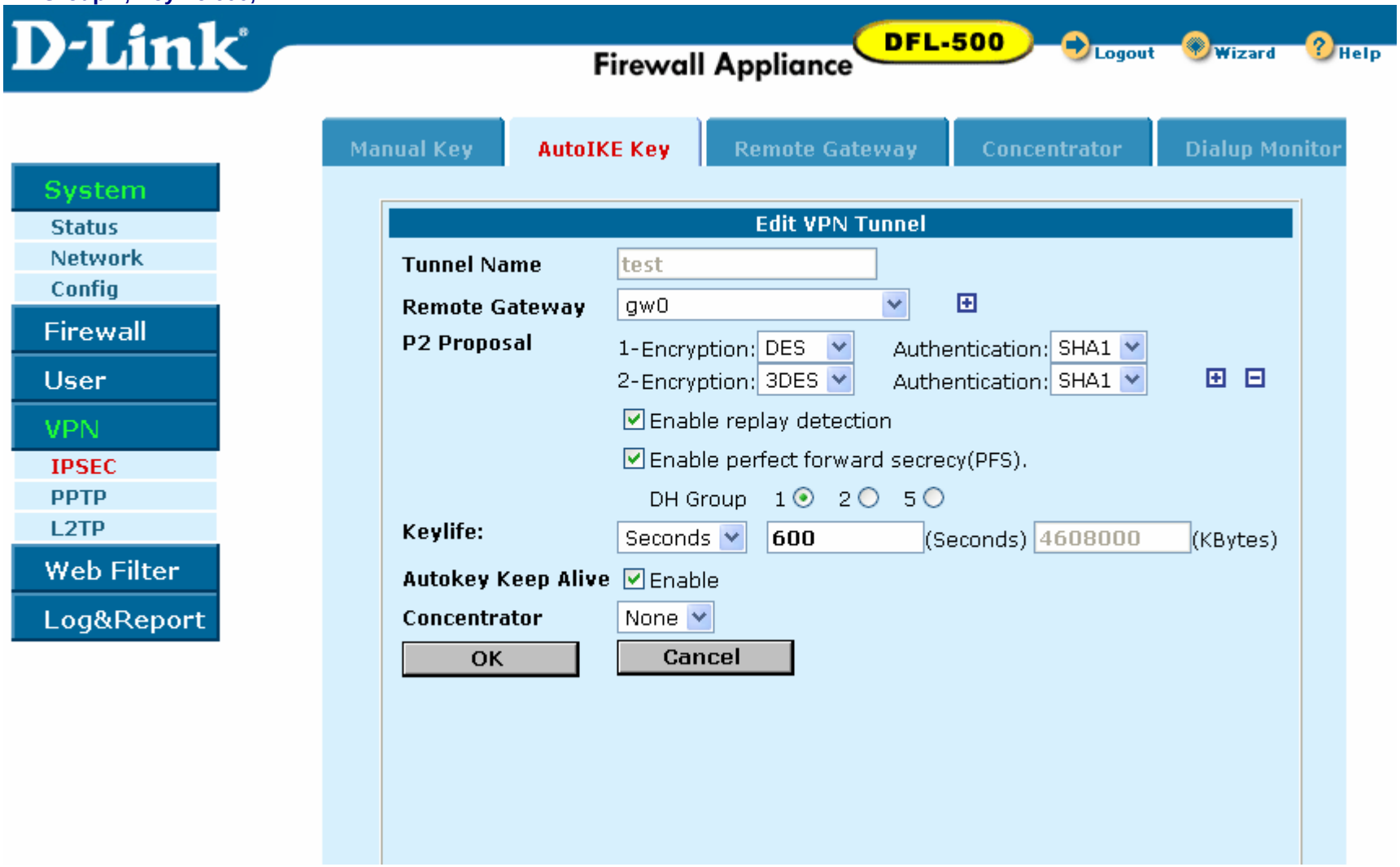
6. Creating an external network for the VPN (192.168.0.0, 255.255.255.0)



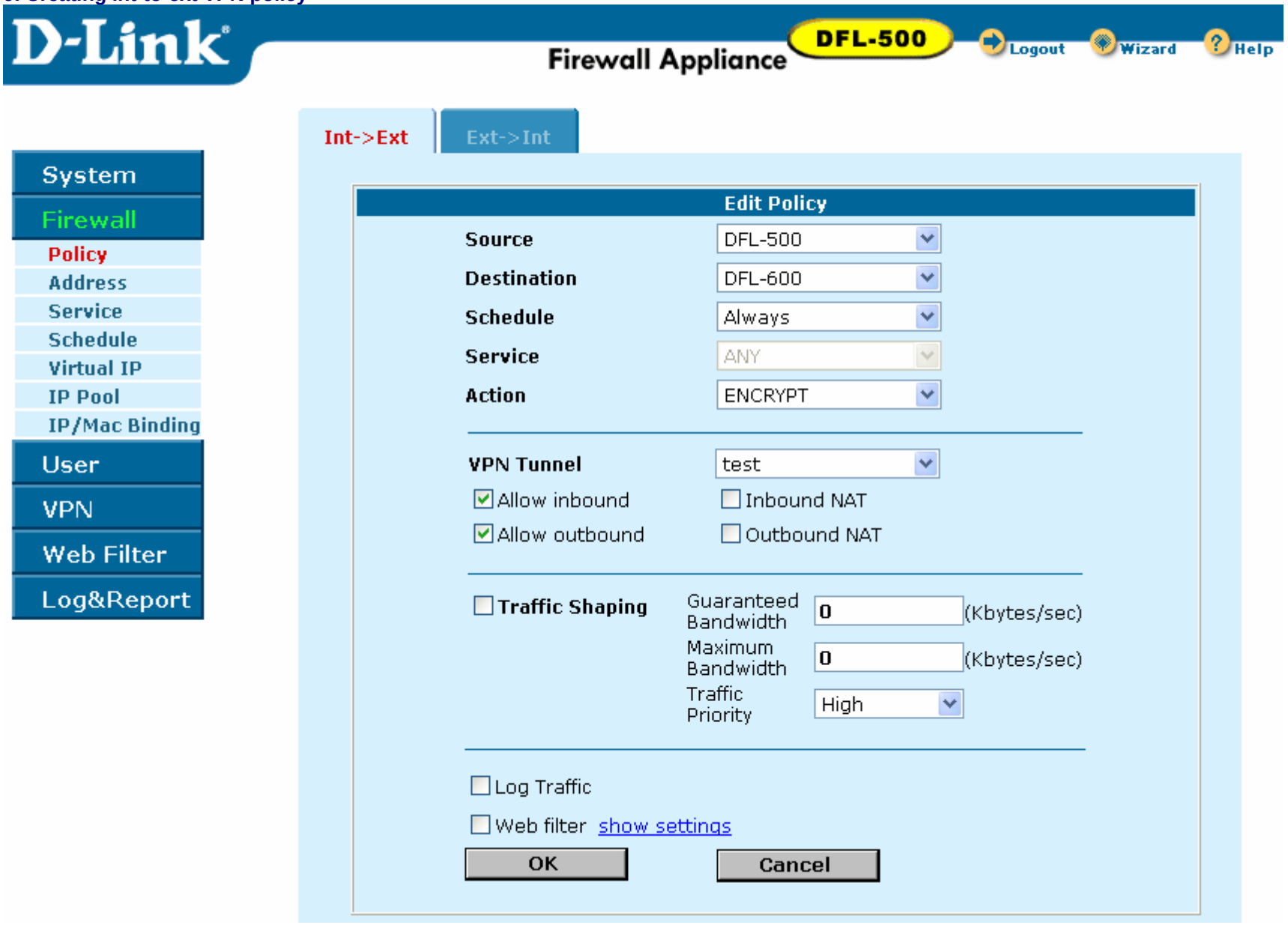
7. Creating remote gateway for VPN (10.1.1.100, P1 Proposal; 1 – Encryption DES, Authentication MD5, DH Group 2, Keylife 300, pre-shared key techsup, Local ID 10.1.1.200, Peer id 10.1.1.100, Nat-traversal = enabled)



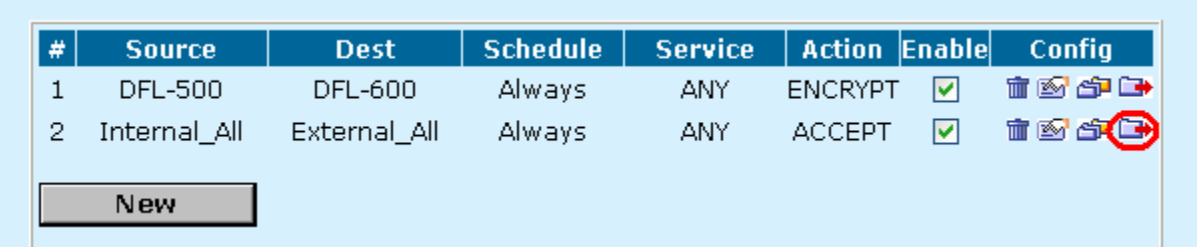
8. Creating AutoIKE key 10.1.1.100, P1 Proposal; 1 – Encryption DES, Authentication SHA1.
“Enable” replay detection and perfect forward.
DH Group 1, Keylife 600,



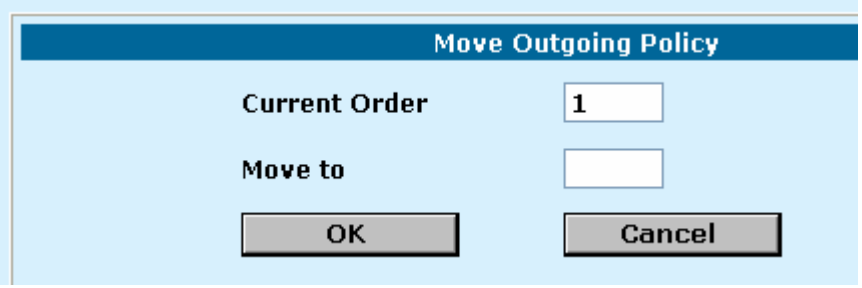
9. Creating int-to-ext VPN policy



10. In the Firewall > Policy page then Int -> Ext
Click on the “move to” button next to the DFL-500 to DFL-600 as below

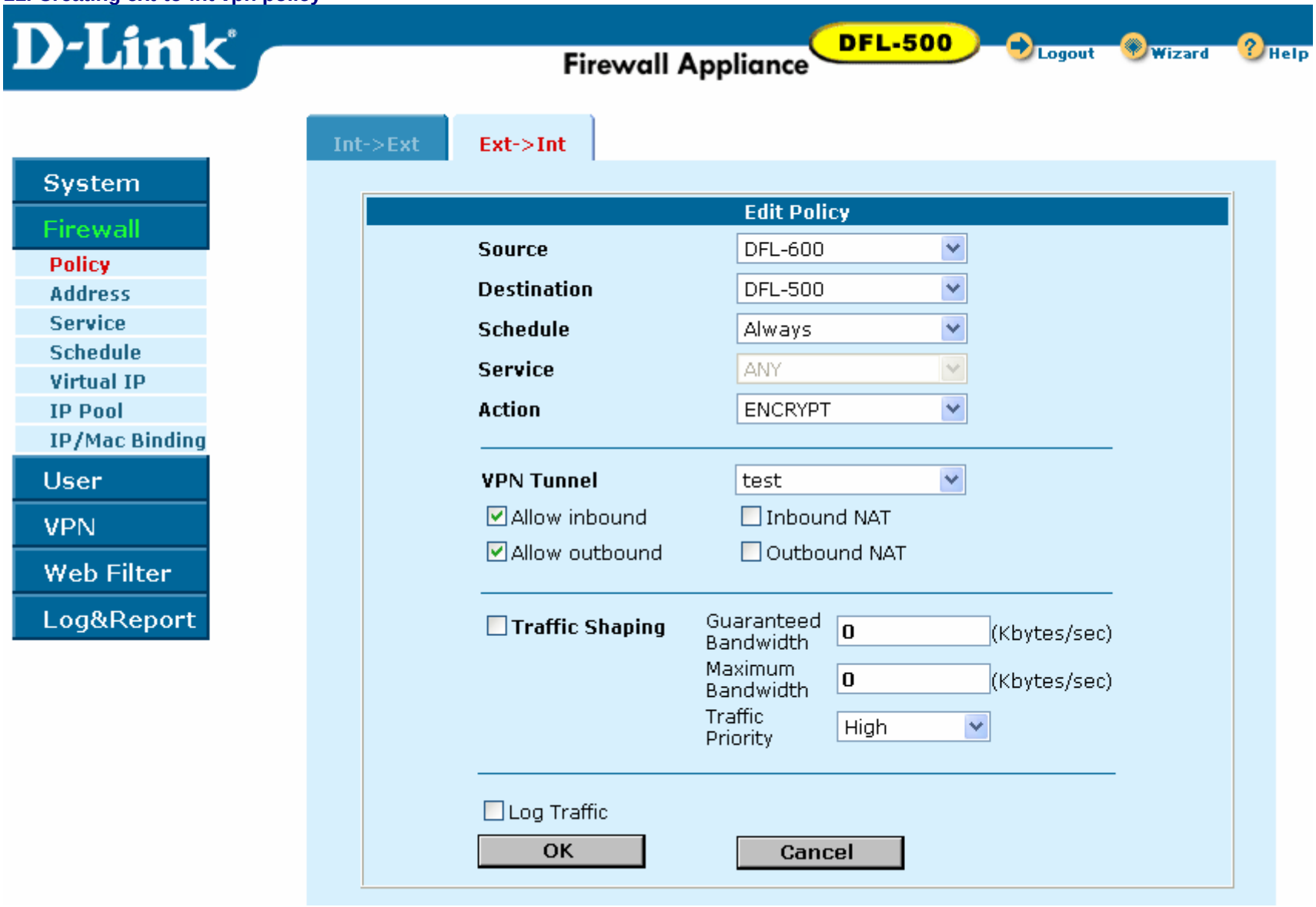


Then in current order place in “1” then click OK.



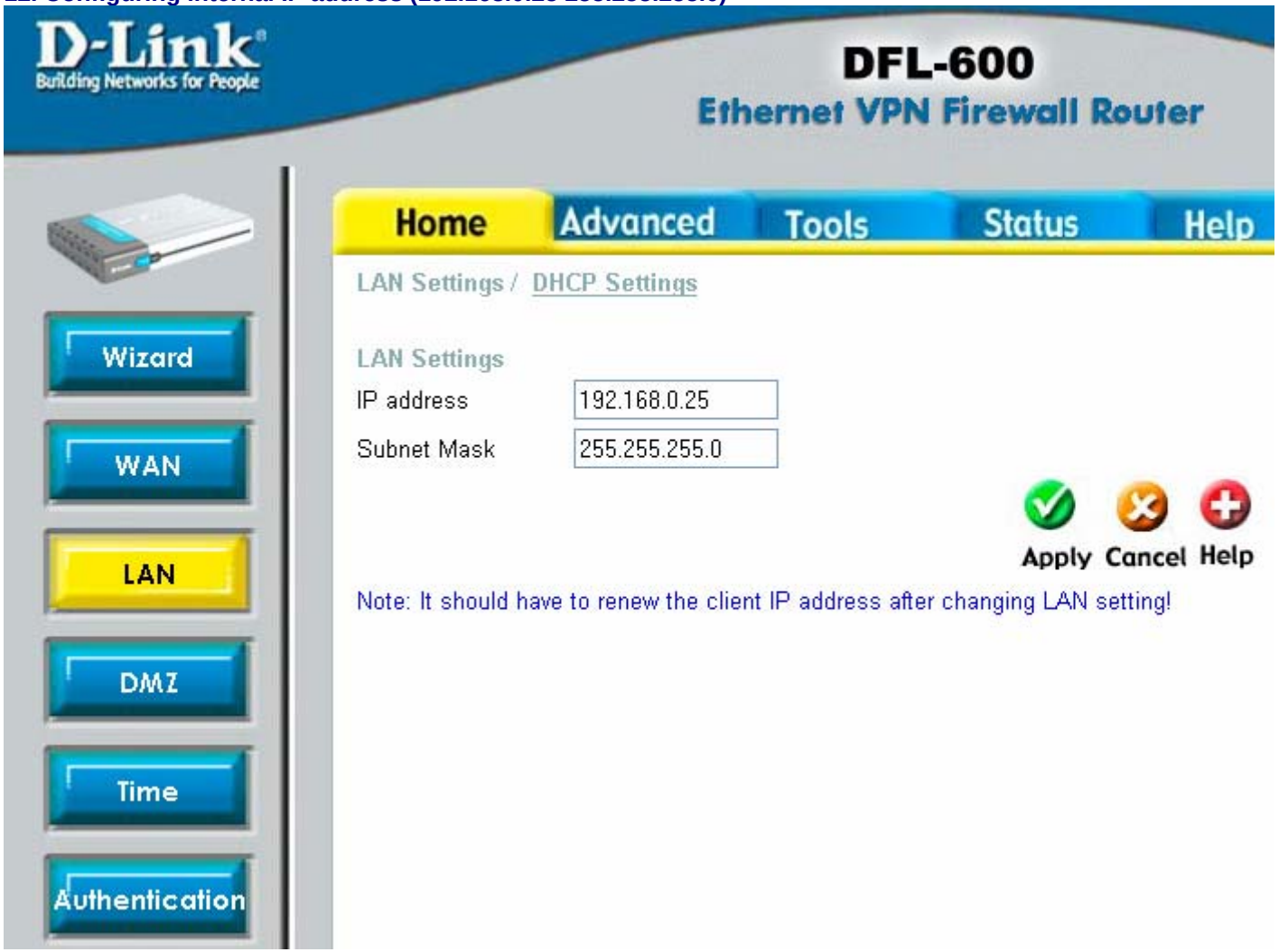
The DFL-500 should move to # 1.

11. Creating ext-to-int vpn policy

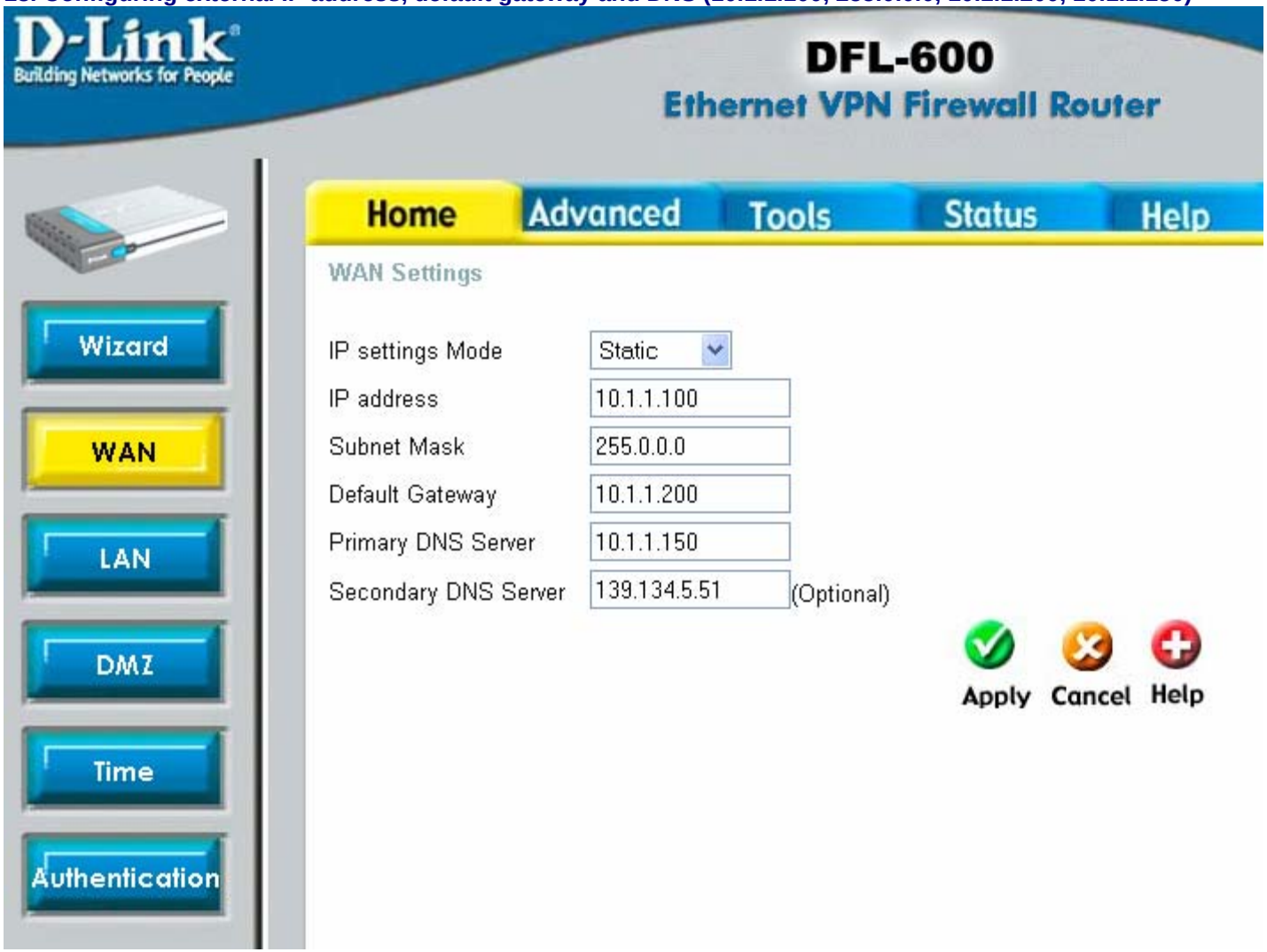


DFL-600 configuration

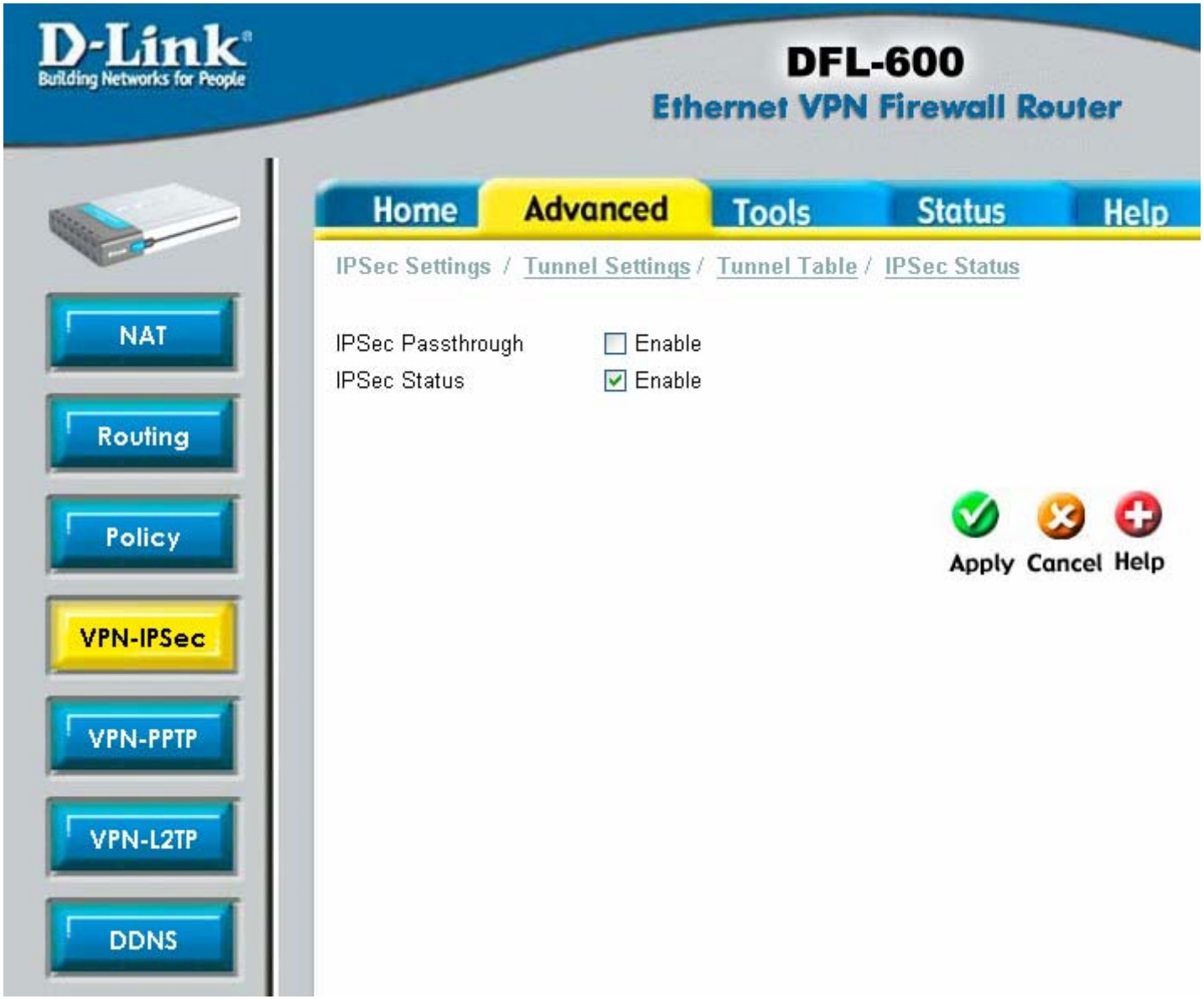
12. Configuring internal IP address (192.168.0.25 255.255.255.0)



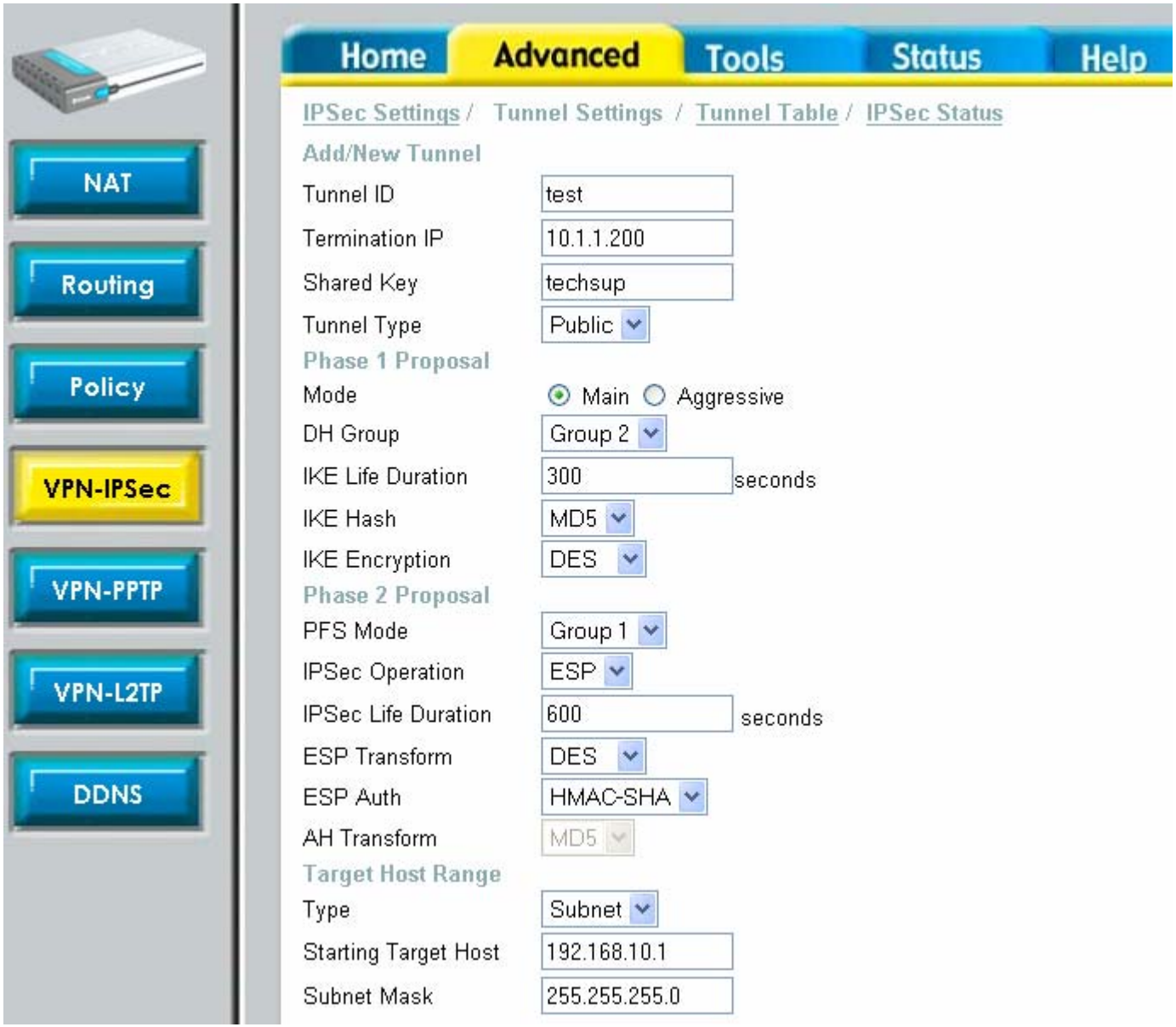
13. Configuring external IP address, default gateway and DNS (10.1.1.100, 255.0.0.0, 10.1.1.200, 10.1.1.150)



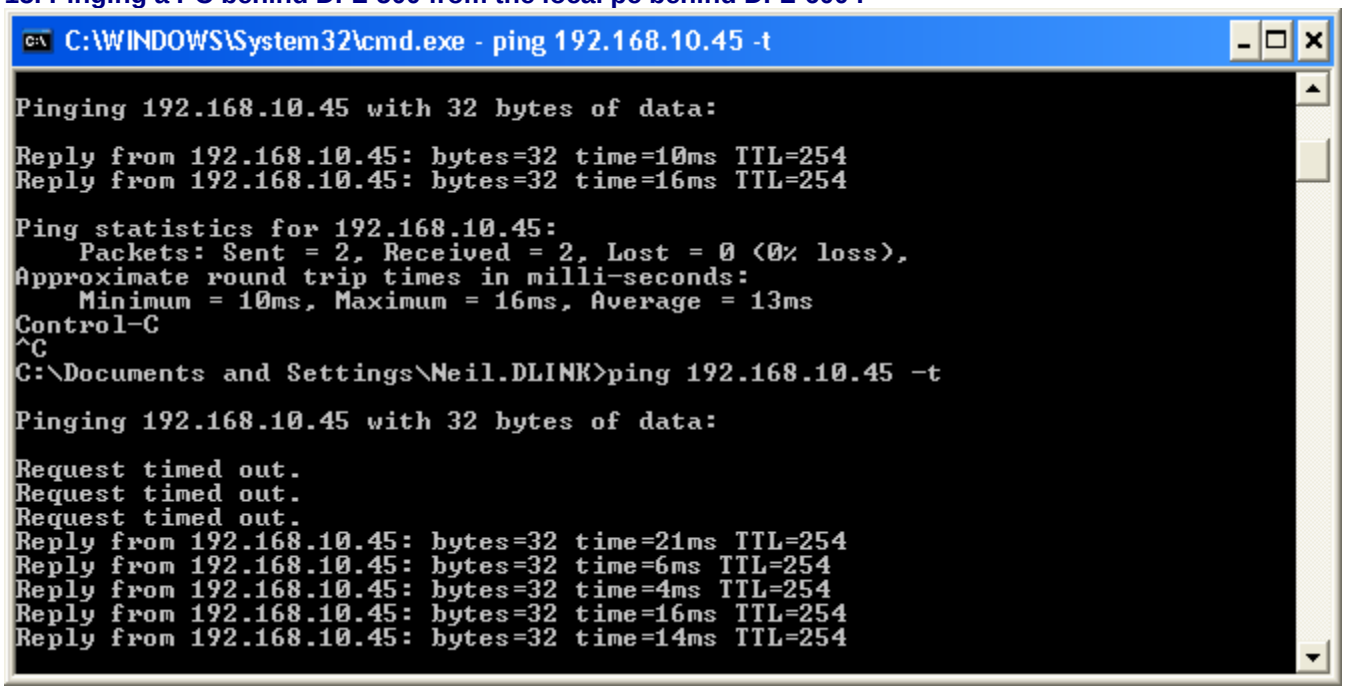
14. Make sure IPSec Status is Enabled.



15. Configuring VPN (Termination IP 10.1.1.200, Shared Key techsup. PHASE 1 setup; DH Group 2, IKE Life 300, IKE Hash MD5, IEK Encryption DES Phase 2 setup; PFS mode Group 1, IPSec Operation ESP, IPSec Life 600, ESP Transform DES, ESP Auth HMAC-SHA. Target Host Range setup; Starting target Host 192.168.10.1, Subnet 255.255.255.0



15. Pinging a PC behind DFL-500 from the local pc behind DFL-600 .



Congratulations!