LevelOne WBR-3407 VPN router Configuration

(Static IP)

Information:

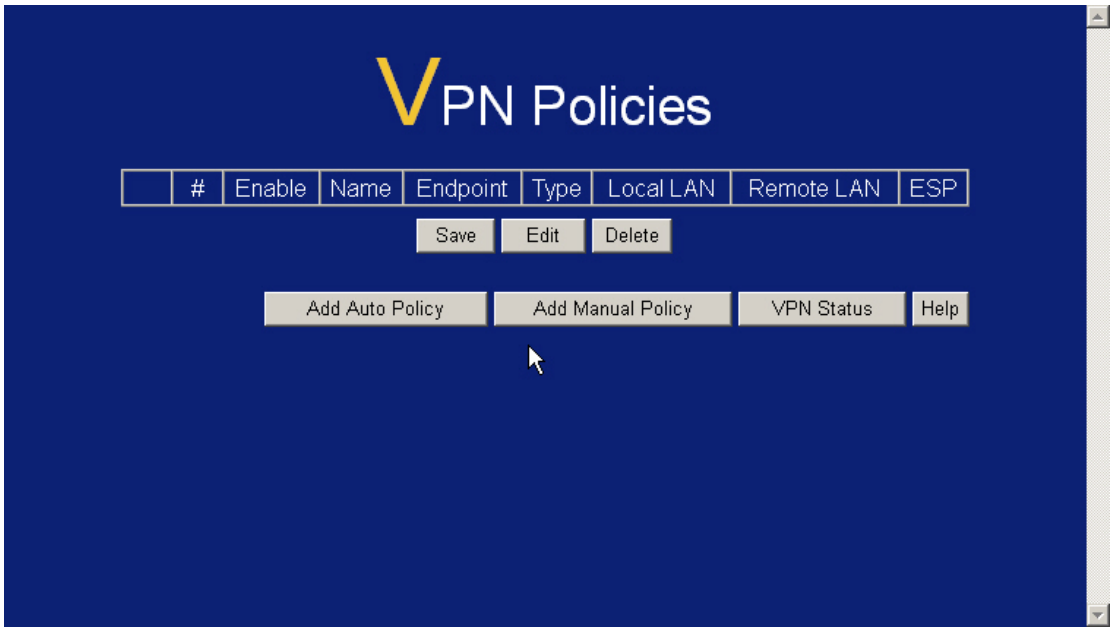
WBR-3407A VPN (Router A)	WBR-3407A VPN (Router B)
WAN IP: 61.31.189.162	WAN IP: 61.59.223.208
LAN IP: 192.168.1.1	LAN IP: 192.168.0.1
LAN IP subnet mask: 255.255.255.0	LAN IP subnet mask: 255.255.255.0

Setup:

Basic concept: Both WBR-3407A needs to configure remote WAN IP, remote LAN IP, local LAN IP and identical IKE and SA parameters.

1 Advanced \ VPN

2 Click on “Add Auto Policy”.



3 Enter the below information:

3.1 Policy Name : Test

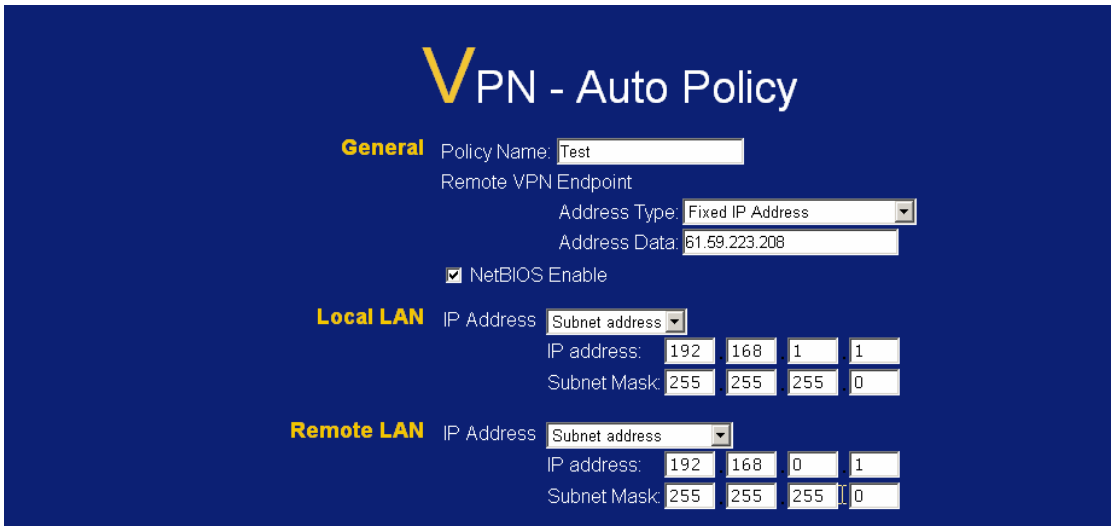
3.2 Remote VPN Endpoint : Fixed IP address 61.59.223.208 (Router B WAN IP)

3.3 Local LAN IP address: Subnet Address 192.168.1.1 (Router A LAN IP)

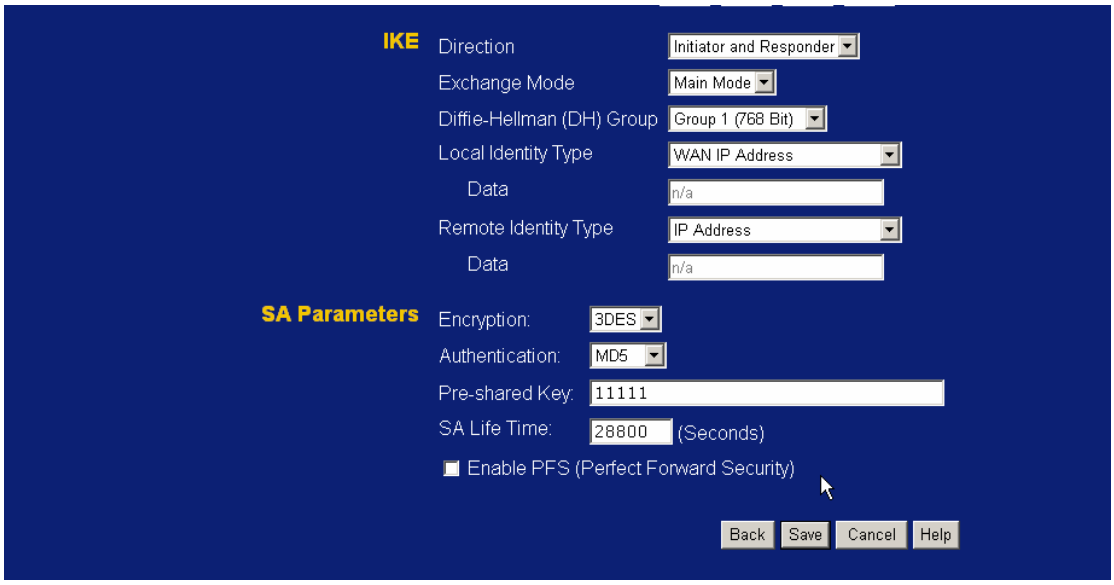
3.4 Subnet mask: 255.255.255.0 (Router A Subnet mask)

3.5 Remote LAN IP address: Subnet Address 192.168.0.1 (Router B LAN IP)

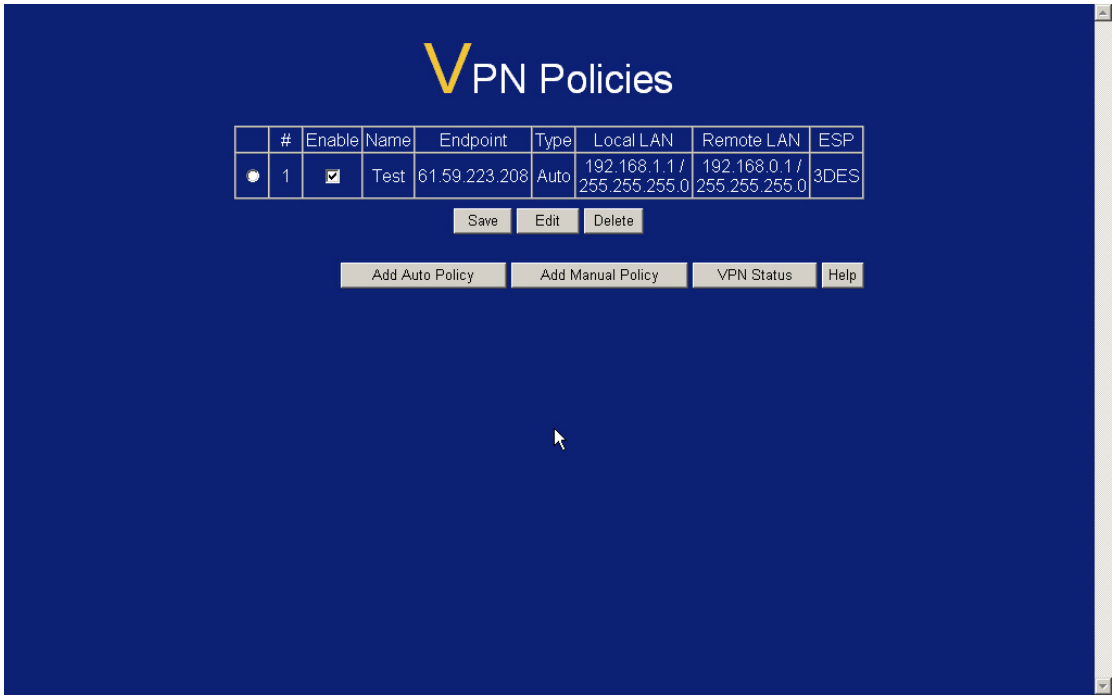
3.6 Subnet mask: 255.255.255.0 (Router B Subnet mask)



4 Configure IKE and SA parameter as below. (Both Router need the same configuration)



5 Finish



6 For router B Enter the information below:

6.1 Policy Name : Test

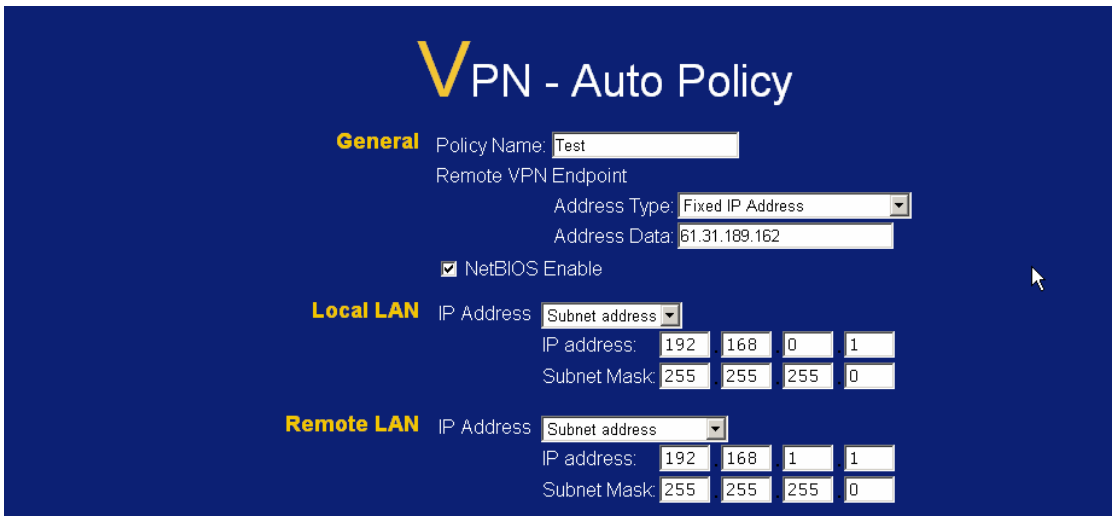
6.2 Remote VPN Endpoint : Fixed IP address 61.31.189.162 (Router A WAN IP)

6.3 Local LAN IP address: Subnet Address 192.168.0.1 (Router B LAN IP)

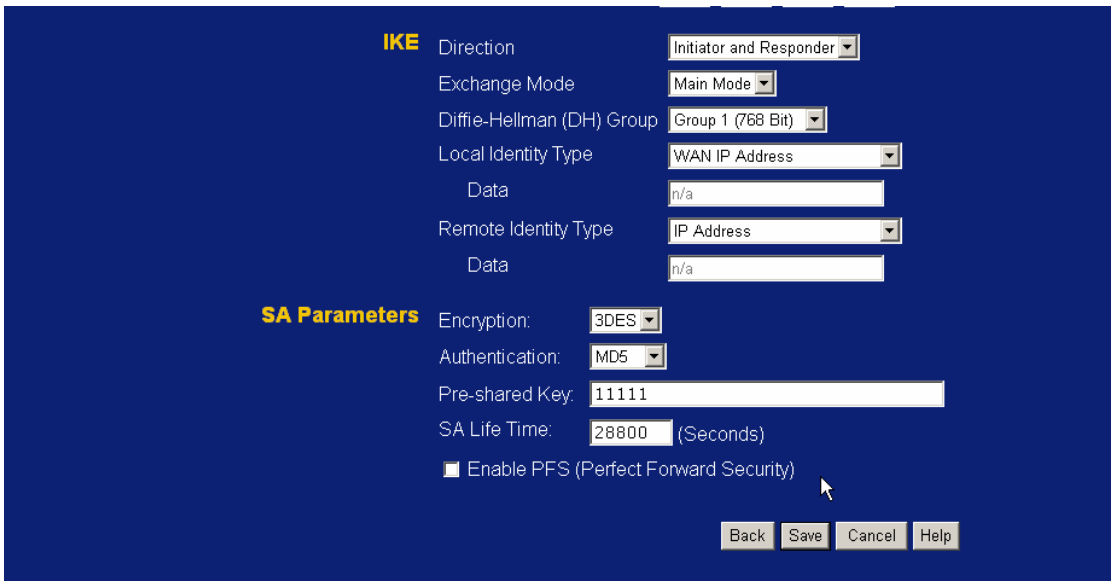
6.4 Subnet mask: 255.255.255.0 (Router B Subnet mask)

6.5 Remote LAN IP address: Subnet Address 192.168.1.1 (Router A LAN IP)

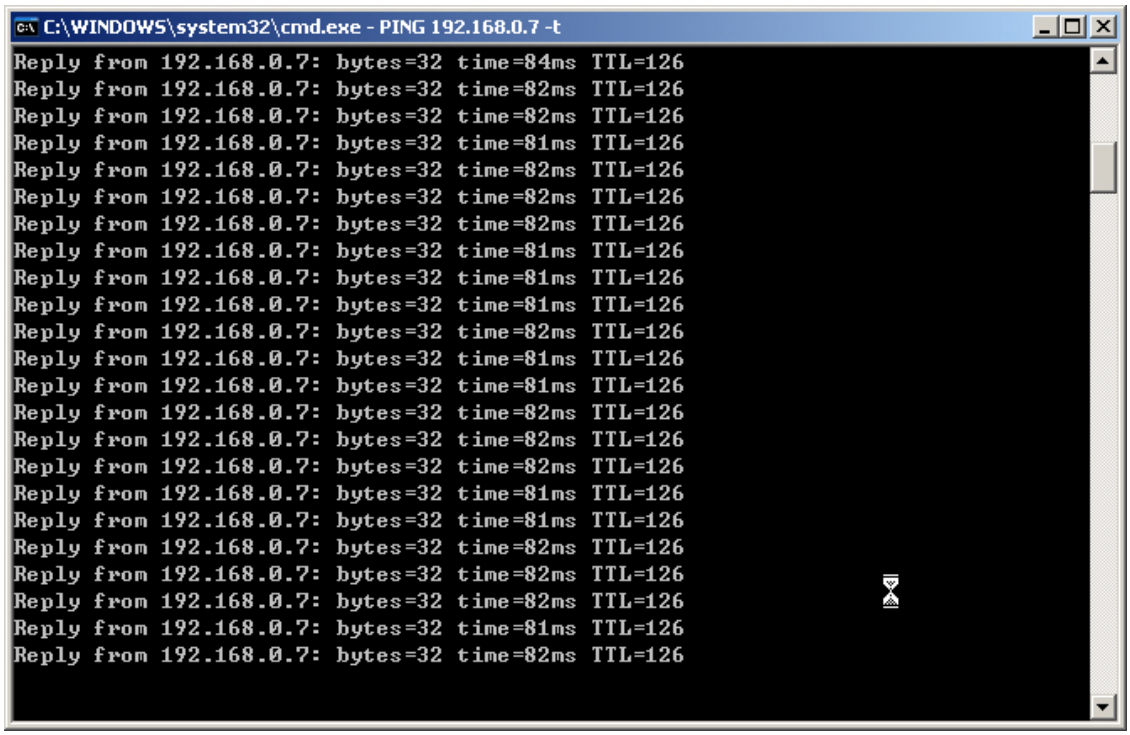
6.6 Subnet mask: 255.255.255.0 (Router A Subnet mask)



7 Configure IKE and SA parameter as below. (Both Router need the same configuration)



8 TEST, 192.168.0.7 is a computer in 192.168.0.0 subnet. We use ping command on computer at 192.168.1.2


C:\WINDOWS\system32\cmd.exe - PING 192.168.0.7 -t
Reply from 192.168.0.7: bytes=32 time=84ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126
Reply from 192.168.0.7: bytes=32 time=81ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126
Reply from 192.168.0.7: bytes=32 time=81ms TTL=126
Reply from 192.168.0.7: bytes=32 time=81ms TTL=126
Reply from 192.168.0.7: bytes=32 time=81ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126
Reply from 192.168.0.7: bytes=32 time=81ms TTL=126
Reply from 192.168.0.7: bytes=32 time=81ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126
Reply from 192.168.0.7: bytes=32 time=81ms TTL=126
Reply from 192.168.0.7: bytes=32 time=81ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126
Reply from 192.168.0.7: bytes=32 time=81ms TTL=126
Reply from 192.168.0.7: bytes=32 time=82ms TTL=126