

Level1 WBR-3407 IPSec VPN setting (static IP vs. dynamic IP)

Information:

WBR-3407A VPN (Router A)

WAN IP: Dynamic

LAN IP: 192.168.1.1

LAN IP subnet mask: 255.255.255.0

WBR-3407A VPN (Router B)

WAN IP: 61.59.223.208

LAN IP: 192.168.0.1

LAN IP subnet mask: 255.255.255.0

Setup:

Basic concept: WBR-3407 with Dynamic IP needs to trigger the WBR-3407 with static IP.

1 Advanced \ VPN



2 Click on "Add Auto Policy".



3 Enter the below information:

3.1 Policy Name : Test

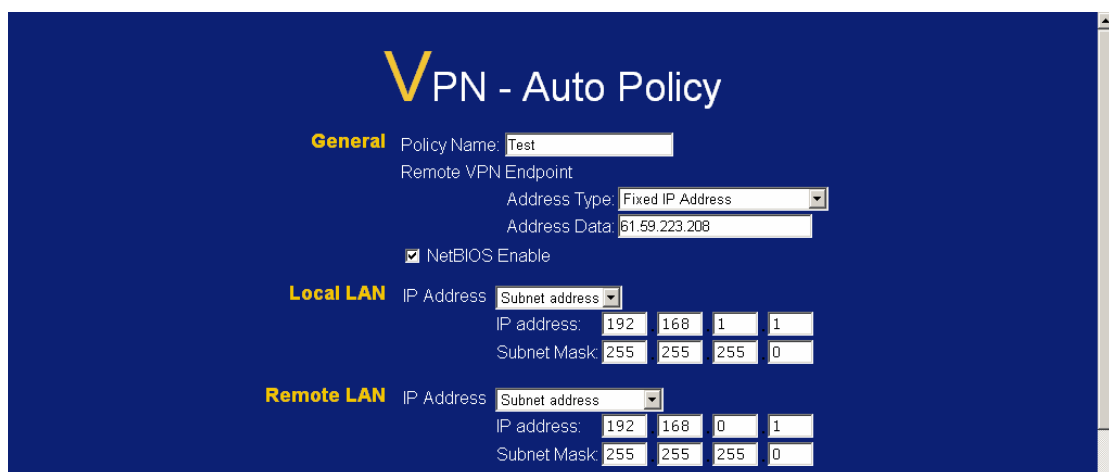
3.2 Remote VPN Endpoint : Fixed IP address (Router B's WAN IP
61.59.223.208, static IP)

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)

IKE

Direction: Initiator and Responder

Exchange Mode: Main Mode

Diffie-Hellman (DH) Group: Group 1 (768 Bit)

Local Identity Type: WAN IP Address

Data: n/a

Remote Identity Type: IP Address

Data: n/a

SA Parameters

Encryption: 3DES

Authentication: MD5

Pre-shared Key: 11111

SA Life Time: 28800 (Seconds)

Enable PFS (Perfect Forward Security)

Back Save Cancel Help

5 Finish

VPN Policies

#	Enable	Name	Endpoint	Type	Local LAN	Remote LAN	ESP
1	<input checked="" type="checkbox"/>	Test	n/a	Auto	192.168.1.1 / 255.255.255.0	192.168.0.1 / 255.255.255.0	3DES

Save Edit Delete

Add Auto Policy Add Manual Policy VPN Status Help

6 For router B Enter the information below:

- 6.1 Policy Name : Test
- 6.2 Remote VPN Endpoint : Dynamic IP address
- 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)

VPN - Auto Policy

General Policy Name:

Remote VPN Endpoint
 Address Type:
 Address Data:

NetBIOS Enable

Local LAN IP Address:
 IP address:
 Subnet Mask:

Remote LAN IP Address:
 IP address:
 Subnet Mask:

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

IKE Direction:
 Exchange Mode:
 Diffie-Hellman (DH) Group:
 Local Identity Type:
 Data:
 Remote Identity Type:
 Data:

SA Parameters Encryption:
 Authentication:
 Pre-shared Key:
 SA Life Time: (Seconds)
 Enable PFS (Perfect Forward Security)

- 8 Remember Router A (with Dynamic IP) needs to initiate the traffic, by ping computer in 192.168.0.x to establish the link.