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.

- level dvanced Setup Wizard LAN Features Wireless DMZ, URL Filter Internet Password Use with "Virtual Servers" to allow Internet users to connect to your Servers using a URL instead of an IP address. Dynamic DNS Mode Firewall Rules Create and manage Firewall Rules. Status Firewall Services Modify the list of Services which are available when creating Firewall Rules. Advanced Options MTU size, UPnP Schedule Define the schedule used in URL filter and Firewall Rules. LogOut Virtual Servers Allow Internet users to access Servers on your LAN. Restart View, create and deleted VPN Policies. <u>VPN</u> Administration Pelp PC Database View and modify the list of PCs. Config File Backup or restore the configuration file for the Wireless Router Set system log options, view all logs. Logs E-mail Set E-Mailing of log files and alerts Ping, DNS Lookup. **Diagnostics**
- 1 Advanced VPN

2 Click on "Add Auto Policy".

VPN Policies	
# Enable Name Endpoint Type Local LAN Remote LAN ESP	
Save Edit Delete	
Add Auto Policy Add Manual Policy VPN Status Help	

- 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)

•	VPN - Auto Policy
General	Policy Name: Test Remote VPN Endpoint Address Type: Fixed IP Address Address Data: 61.59.223.208
Local LAN	IP Address Subnet address 192 168 1 1 IP address: 192 168 1 1 Subnet Mask 255 255 0
Remote LAN	IP Address Subnet address V IP address: 192 168 0 1 Subnet Mask: 255 255 0

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 F	
		· · · · · · · · · · · · · · · · · · ·
		Back Save Cancel Help

5 Finish

VPN Policies	4
# Enable Name Endpoint Type Local LAN Remote LAN ESP ● 1 ☑ Test n/a Auto 192.168.1.1 / 255.255.0 192.168.0.1 / 255.255.255.0 3DES Save Edit Delete	
Add Auto Policy Add Manual Policy VPN Status Help	
X	
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- 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: Test Remote VPN Endpoint Address Type: Dynamic IP address V Address Data: n/a MotBIOS Enable
Local LAN	IP Address Subnet address 192 168 0 1 IP address: 192 168 0 1 Subnet Mask 255 255 0
Remote LAN	IP Address Subnet address IP address: 192 168 1 1 Subnet Mask 255 255 0

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

IKE	Direction	Responder only 🔽	
	Exchange Mode	Main Mode 💌	
	Diffie-Hellman (DH) Group	Auto 🔽	
	Local Identity Type	WAN IP Address	-
	Data	n/a	
	Remote Identity Type	IP Address	-
	Data	n/a	
SA Parameters	Encryption: 3DES 🗾	×	
	Authentication: Auto 💌		
	Pre-shared Key: 11111		
	SA Life Time: 28800	(Seconds)	
	Enable PFS (Perfect Fo	onward Security)	
		Back Save Canc	el Help:

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