Billion supports new keep alive feature called DPD for IPSec module. The setting can be found in IPSec advanced options

## Procedure:

1. Create IP Sec a	ccount						
<b>BILLION</b> VoIP/802.11g ADSL2+ VPN Firewall Router							
Obstan	100 + 4						
Status	IPSec						
Quick Start	VPN Tunnels			<b>B</b> 1 0 1	100 0 1		
Configuration LAN	Enable Disable Name	e Local Subnet	Remote Subnet	Remote Gateway	IPSec Proposal		
WAN	Create 🔿						
System	Apply						
Firewall	(1494)						
VPN							
РРТР							
IPSec							
L2TP							
	$t \rightarrow Advanced Option$	15					
IPSec							
Edit							
Connection Name	test						
Local							
Network	<ul> <li>Single Address</li> </ul>	IP Address	192.168.1.22				
	O Subnet	IP Address		Netmask			
	◯ IP Range	IP Address		End IP			
Remote							
Secure Gateway Address(or Hostname)		192.168.21.10					
Network	◯ Single Address	IP Address					
	<ul> <li>Subnet</li> </ul>	IP Address	192.168.21.0	Netmask	255.255.255.0		
	◯ IP Range	IP Address		End IP			
Proposal							
⊙ESP	Authentication	MD5 🔽					
	Encryption	3DES V	1				
OAH	Authentication	MD5 🗸					
Perfect Forward Secrecy	MODP 1024 (Group 2)						
Pre-shared Key	1234567890						
r tersnareu rieg	1234301030						
Apply Advanced Optic	ons 🖸						

3. Set your needed on Ping for keep alive.

PING for keepalive						
Keepalive	🔿 None	○ PING	⊙ DPD			
PING to the IP	0.0.0.0		(0.0.0.0 means NEVER)			
Interval	10		seconds (0-3600, 0 means NEVER)			
Disconnection Time after no traffic	180		seconds (180 at least)			
Reconnection Time	3		minutes (3 at least)			
Apply Reset						