

# **ZyWALL 1 V3.50(WD.3) For Standard Release Note**

---

**Date:** June 17, 2002

## **Supported Platforms:**

---

ZyXEL ZyWALL 1

## **Versions:**

---

RAS F/W Version : V3.50(WD.3) | 06/17/2002

## **Feature:**

---

### **Modification in V3.50(WD.3)b1 | 06/12/2002**

1. [BUG FIXED] Fixed the bug of the aggressive mode of IPSec IKE.

### **Modification in V3.50(WD.2)b3 | 05/29/2002**

1. [FEATURE CHANGE] When the DHCP server doesn't response(maybe in a busy state) to ZW1's WAN side, ZW1 will do more DHCP requests.

### **Modification in V3.50(WD.2)b2 | 05/28/2002**

1. [BUG FIXED] The bug of remote management tunnel.
2. [BUG FIXED] NAT/SUA problem on PPPoE dynamic WAN IP situation.
3. [NOTICE] Should reset ZW1 to factory defaults, after upload device F/W to this new version.

### **Modification in V3.50(WD.2)b1 | 05/16/2002**

1. [BUG FIXED] Fragment Packets(with DF flag) can not pass NAT.
2. [BUG FIXED] Turn on Remote Managements on WAN side will cause Firewall holes.

### **Modification in V3.50(WD.1)b7 | 03/26/2002**

4. [ENHANCEMENT] Added more IPSec settings on the web configurator.
5. [ENHANCEMENT] New CI command "ipsec display <rule index>" to display the details of the IPSec rule specified by the rule index.

### **Modification in V3.50(WD.1)b5 | 03/26/2002**

1. [BUG FIXED] Fixed the bug of LAN to LAN forwarding.

### **Modification in V3.50(WD.1)b5 | 03/07/2002**

1. [BUG FIXED] Fixed the bug on Web Configurator's F/W upload.

#### **Modification in V3.50(WD.1)b4 | 03/06/2002**

1. [BUG FIXED] Fixed the bug on PPTP Tunnel (GRE) pass through problem.

#### **Modification in V3.50(WD.1)b3 | 02/25/2002**

1. [ENHANCEMENT] Fixed the bug on applying the General Setup page.

#### **Modification in V3.50(WD.1)b2 | 02/25/2002**

1. [ENHANCEMENT] New on-line help on IPSec settings.

#### **Modification in V3.50(WD.1)b1 | 02/08/2002**

1. [ENHANCEMENT] Active X, Java, Cookie, Web Proxy filtering on Web Configurator
2. [ENHANCEMENT] Allow NetBIOS passing, on Web Configurator
3. [ENHANCEMENT] Added IPSec IKE phase 1 Settings, on Web Configurator.
4. [ENHANCEMENT] VPN LOG is totally revised. Now it will show all IKE packets information.
5. [ENHANCEMENT] IKE process in phase 2 will check ID information between system and the peer. If they don't match, i.e. both sites have different local / remote Addr setting, system will reject the connection and log in the VPN LOG.
6. [ENHANCEMENT] Add two CI commands : "ppp lcp echo time" and "ppp lcp echo retry" to control echo timer and retry counts. Set one of them to 0 will disable echo request.
7. [FEATURE CHANGE] CI commands for ipsec such as "ipsec sa" and "ipsec sa\_sdb\_status" are removed. To show SA status, we provide CI command "ipsec show\_runtime sa".
8. [BUG FIX] When two peers initiate connections at the same time in some special cases, the two peers will reject each other and on tunnel can be established.
9. [BUG FIX] When building the tunnel, sometimes system will crash.

#### **Modification in V3.50(WD.0) | 12/10/2001**

1. [ENHANCED] Only one LAN side site is allowed to apply to the IPSec feature.
2. [BUG FIXED] URL Blocking can't work , according the schedule.
3. [ENHANCED] Put default PPTP settings(my PPTP IP and PPTP server IP) on Wizard.
4. [BUG FIXED] Soft-PK deleting phas 1 will cause long delay to re-connection
5. [BUG FIXED] Continue pinging through VPN tunnel will cause the connection unstable.
6. [ENHANCED] Some modifications on Web Configurator online help.
7. [BUG FIXED] When a SA time-out happened and reconnect, sometimes system loses some memory resources. After a longer connection, the system resources will be exhausted.
8. [BUG FIXED] VPN timeout re-connection function is not robust.  
→ When "SA Life time" is time out, sometimes the VPN tunnel cannot be re-established again.  
This is cause of IPSec IKE stress test fail.
9. [ENHANCEMENT] Added a Time Zone setting page on web configurator.
10. [ENHANCEMENT] Removed NAT=NONE selection on WAN setup page.
11. [BUG FIXED] Firewall doesn't work on PPPoE.
12. [BUG FIXED] The site on the WAN's side can ICMP ping the LAN's side station which is with a private IP address.
13. [ENHANCEMENT] Added on-line help for VPN/IPSec and Firewall setup on Web Configurator.
14. [BUG FIXED] Fixed bugs about VPN/IPSec on manually key mode.

15. [ENHANCEMENT] Combined firewall access control setting and SUA setting on the SUA/NAT web GUI page. ZyWall 1 will build proper firewall access control rules when the user do the SUA setting on web configurator

## Appendix:

### 1. SUA Support Table

The required settings of Port forwarding for some applications are listed in the following table.

**SUA Support Table**

Traffic Type	Application Version	Required Settings in Menu 15 Port/IP	
		Outgoing Connection	Incoming Connection
HTTP	Netscape, IE	None	80/client IP
FTP	Windows FTP, Cuteftp	None	21/client IP
TELNET	Windows Telnet, Neterm	None	23/client IP (and remove Telnet filter in WAN port)
POP3	Eudora	None	110/client IP
SMTP	Eudora	None	25/client IP
IRC	mIRC, Microsoft Chat	None for Chat. DCC support: MIRC < 5.31	None
PPTP	Windows PPTP	None	1723/client IP
ICQ	ICQ 99a	None for Chat. For file transfer, we must enable ICQ-preference-connections-firewall and set the firewall time out to 80 seconds in firewall setting.	Default/client IP
Cu-SeeMe	Cornell 1.1	None	7648/client IP
	White Pine 3.1.2	7648/client IP & 24032/client IP	Default/client IP
	White Pine 4.0 (CuSeeMe Pro )	7648/client IP & 24032/client IP	Default/client IP
NetMeeting	Microsoft NetMeeting 2.1 & 2.11	None	1720/client IP 1503/client IP
Cisco IP/TV	Cisco IP/TV 2.0.0	Default/client IP	
RealPlayer	RealPlayer G2	None	
VDOLive		None	
Quake	Quake1.06	None	Default/client IP
QuakeII	QuakeII2.30	None	Default/client IP
QuakeIII	QuakeIII1.05beta	None	
StartCraft		6112/client IP	
Quick Time	Quick Time 4.0	None	
IPSEC (ESP)		None (only one client)	Default
MSN	Microsoft Messenger service V3.0	6901/client IP	6901/client IP