

ZyWALL 1 V3.50(WD.5) For Standard Release Note

Date: January 2, 2003

Supported Platforms:

ZyXEL ZyWALL 1

Versions:

RAS F/W Version : V3.50(WD.5) | 01/02/2003

Feature:

Modification in V3.50(WD.5)b2 | 12/03/2002

1. [BUG FIXED] The ZyWALL drops the packet and, the packet was reassembled by some fragments, with DF=1 and packet length > MTU.

Modification in V3.50(WD.5)b1 | 11/18/2002

2. [NEW FEATURE] Support Configurable MTU.
3. [BUG FIXED] Sympton: The system will allow the packet with DF=1 and packet length > MTU to pass through the router without any error message return to the sender.
4. [BUG FIXED] Sympton: Xbox Live can't work through ZyWALL.

Modification in V3.50(WD.4)b2 | 07/03/2002

1. [BUG FIXED] The IP address of the SNMP trap message is always the LAN side IP address of ZW device.
2. [ENHANCEMENT] Provided new on-line helps for "sys syslog facility..." and "sys syslog type..." CI commands.

Modification in V3.50(WD.4)b1 | 06/28/2002

1. [BUG FIXED] CI command, "sys syslog server" and "sys syslog facility..." don't work.
2. [BUG FIXED] Can't made changes on the default route setting, by using Web Configurator.
3. [BUG FIXED] When the ZyWALL device receives the TCP datagram with SYN and ACK bits, the corresponding remote managements service would crash.
4. [ENHANCEMENT] SNMP Setup page.

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

5. [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-fi rewall 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
MSNP	Microsoft Messenger service V3.0	6901/client IP	6901/client IP