

# **ZyXEL ZyWALL 10 Standard Version 3.50(WA.1) Release Note**

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**Date: November 7, 2001**

## **Supported Platforms:**

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ZyXEL ZyWALL 10

## **Note:**

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1. Using FTP to upload firmware from V3.2x to V3.5x is not supported. It is because the V3.5x firmware size is bigger than memory allocation for firmware uploading in V3.2x. Instead firmware upload through TFTP or Console is suggested.
2. Using FTP to upload firmware between V3.5x and V3.5x has no problem.

## **Known Bugs:**

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1. VPN connection cannot be re-built after dynamic WAN IP being changed.  
→ When one ZyWALL / P312 has "Secure Gateway IP Addr" to be "0.0.0.0" and the other one has "My IP Addr" to be "0.0.0.0", as below.

ZyWALL 1 (security gateway IP 0.0.0.0) <----- ZyWALL 2 (my IP 0.0.0.0)

If ZyWALL 2 has been configured as "dynamic WAN IP", the VPN tunnel between ZyWALL 1 and ZyWALL 2 can be established at the first time. However, if ZyWALL 2 has its WAN ip changed, the VPN tunnel cannot be re-built again.

2. VPN timeout re-connection function is not robust.  
→ When "SA Life time" is time out, sometimes the VPN tunnel cannot be re-established again. To avoid this, a longer life time setting or manual disconnect is suggested.
3. VPN tunnel cannot work with multi-NAT.
4. VPN tunnel cannot be established if WAN IP is static without default gateway configured.  
→ When a ZyWALL 10 / P312 is configured as "static IP" but default gateway as "0.0.0.0", and the other ZyWALL 10 / P312 is placed in the same subnet, the VPN tunnel cannot be established between them.

## **Features:**

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### **Modification in V3.50(WA.1) | 11/06/2001**

1. [BUG FIXED] When firewall turns off and SUA only, PC in the WAN side can ping PCs in the LAN side.
2. [BUG FIXED] When the WAN side is using PPPoE connection and NAT turns off, firewall does not protect the LAN side.

3. [BUG FIXED] When the WAN side is using PPPoE connection, LAN-to-WAN ACL rule will not be applied. The Packet will transmit through firewall from LAN to WAN, even existing a firewall rule to block it.

**Modification in V3.50(WA.0) | 10/15/2001**

1. [BUG FIXED] content filter register error
2. [BUG FIXED] content filter list download error
3. [BUG FIXED] ESP teardrop attack parser error
4. [BUG FIXED] DNS lookup fail when menu 3.2 "DHCP server == None"
5. [BUG FIXED] Fix SNMPv2 packet make router reboot
6. [BUG FIXED] Fix Router crash when doing reconfiguration
7. [BUG FIXED] Fix cannot upload firmware by web
8. [BUG FIXED] Fix Firewall web configuration make buffer overflow
9. [BUG FIXED] Fix ip traceroute cannot work
10. [BUG FIXED] Fix web configuration cannot reset to factory default
11. [BUG FIXED] Fix web configuration cannot add more than one rule in firewall
12. [BUG FIXED] Fix static routing cannot work when firewall on
13. [BUG FIXED] Fix multi-language support
14. [BUG FIXED] Fix web configuration delete firewall rule error
15. [BUG FIXED] fix firewall crash problem under heavy ftp traffic
16. [BUG FIXED] merge SNMP bug fix from p310
17. [BUG FIXED] Fix PPPoE firewall bugs
18. [BUG FIXED] Fix Content filter access fail caused system crash
19. [NEW FEATURE] NAT multi-session IKE support
20. [NEW FEATURE] NAT multi-session IPSec-ESP-Tunnel support
21. [NEW FEATURE] NAT range port forwarding support
22. [NEW FEATURE] Supports IKE for automatic security negotiation and key management
23. [NEW FEATURE] Currently using pre-shared authentication keys for establishing trust between hosts.
24. [NEW FEATURE] Provides DES (56-bit key strength) and 3DES (168-bit key strength) encryption algorithms
25. [NEW FEATURE] SHA-1 and MD5 integrity algorithms for ESP.
26. [NEW FEATURE] SHA-1 and MD5 integrity algorithms for AH.
27. [NEW FEATURE] Provide ESP Tunnel mode, Transport Mode
28. [NEW FEATURE] Provide AH Tunnel mode, Transport Mode

**Modification in V3.24(WA.2) | 07/08/2001**

1. [BUG FIXED] content filter register error
2. [BUG FIXED] content filter list download error
3. [BUG FIXED] ESP teardrop attack parser error
4. [BUG FIXED] DNS lookup fail when menu 3.2 "DHCP server == None"

**Modification in V3.24(WA.1) | 07/06/2001**

1. [BUG FIXED] Fix HTP does not initial EPROM

**Modification in V3.24(WA.0) | 05/21/2001**

1. [BUG FIXED] Change the content filter register server address and domain main.
2. [BUG FIXED] Fix content filter "URL Keyword configuration error"
3. [BUG FIXED] Firmware wrong version number

4. [BUG FIXED] Add SMTP parser support "BDAT" command
5. [BUG FIXED] Fix bug system crash when trying to add more than 1 subnet on the firewall rules.  
[BUG FIXED] This includes "Local Network" and "Internet" rules on both source and destination IP.
6. [BUG FIXED] Fix content filter "Enable URL keyword blocking" cannot save
7. [BUG FIXED] Fix SMTP parser for Exchange server support
8. [BUG FIXED] Bug fix on Firewall SMTP protocol parser
9. [BUG FIXED] Bug fix on telnet client not sending terminal type
10. [BUG FIXED] Bug fix con Content filter web configuration error
11. [BUG FIXED] Content Filter List cannot save to Flash
12. [BUG FIXED] Content Filter makes all HTTP connection Fail
13. [BUG FIXED] Content Filter: If we didn't registry and going to download Filter List, "Status" must show error message, not show "Write to Prestige router successfully".
14. [BUG FIXED] In "URL KEYWORD" page, when we "Add Keyword" it write to ROM, so Apply is useless.
15. [BUG FIXED] Can't use web set CATEGORIES, if we enable some categories and push Apply button, status will show "Write to Prestige router successfully", we refresh this page, the check box was clear.
16. [BUG FIXED] Block all categories then clear all categories, but we refresh web, "Intolerance" still enable.
17. [BUG FIXED] Content Filter Category cannot be configured problem
18. [BUG FIXED] Content Filter Packet block by Fireall
19. [BUG FIXED] Send Content Filter log by e-mail failure
20. [BUG FIXED] Firewall syslog empty string fix
21. [BUG FIXED] eWeb timeout problem fixed
22. [BUG FIXED] pptp firewall pass through problem fixed
23. [BUG FIXED] Firewall SMTP parser bug fix
24. [BUG FIXED] NAT checksum bug fix
25. [BUG FIXED] eWeb make system hang fix
26. [NEW FEATURE] Add ci command to change different Content filter List server.
27. [NEW FEATURE] Add ci command "sys firewall dos stmp on" to turn on SMTP defender
28. [NEW FEATURE] Add ci command "sys firewall dos stmp off" to turn on SMTP defender
29. [NEW FEATURE] Add ci command "sys firewall dos display" to display the smtp defender status.
30. [NEW FEATURE] Add Netbios over TCP NAT support
31. [NEW FEATURE] DHCP relay
32. [NEW FEATURE] Add NAT Net2Phone support
33. [NEW FEATURE] Content Filter log send to syslog
34. [NEW FEATURE] MSN Firewall support
35. [NEW FEATURE] Parent control support
36. [NEW FEATURE] MSN NAT support
37. [NEW FEATURE] Login Password security support