

# ZyXEL Prestige P312 Standard Version 3.50(S.01) Release Note

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**Date:** November 7, 2001

## Supported Platforms:

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ZyXEL Prestige 312

## 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(S.01) | 11/07/2001

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(S.00) | 10/11/2001**

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

**Modification in V3.20(S.01) | 12/11/2000**

1. [BUG FIXED] Fix menu 11.3 make system crash when choosing PPTP

**Modification in V3.20(S.00) | 11/23/2000**

1. [NEW FEATURE] Add Content Filter
2. [NEW FEATURE] Add new web configuration for Content Filter
3. [NEW FEATURE] Add new web configuration for NAT
4. [NEW FEATURE] Add new web configuration for LAN
5. [NEW FEATURE] Add new web configuration for WAN
6. [NEW FEATURE] Add SMTP "AUTH" support
7. [NEW FEATURE] add Nail-Up in menu 11.2
8. [NEW FEATURE] performance enhancement
9. [NEW FEATURE] Add CI command to turn on/off RST ( default value: off , except port 113)
10. [NEW FEATURE] WEB URL Filter
11. [NEW FEATURE] Cookei Filter
12. [NEW FEATURE] Java Applet Filter
13. [NEW FEATURE] Proxy Filter

14. [NEW FEATURE] ActiveX Filter
15. [NEW FEATURE] Multimedia application support for Firewall. (Netmeeting, RealPlayer7, Quicktime ...)
16. [NEW FEATURE] PPTP, IGMP, IPSEC(ESP) support for Firewall
17. [NEW FEATURE] IPSEC SEC (Tunnel mode) support for NAT
18. [NEW FEATURE] Embedded Web Server for Firewall configuration.
19. [NEW FEATURE] PPTP Client
20. [NEW FEATURE] Dynamic DNS
21. [NEW FEATURE] Telnet client
22. [NEW FEATURE] Traceroute
23. [NEW FEATURE] Command line history
24. [NEW FEATURE] Sending firewall log by syslog
25. [NEW FEATURE] SNMP management
26. [NEW FEATURE] IP alias
27. [NEW FEATURE] IP Multicast
28. [NEW FEATURE] Call Scheduling