

ZyXEL

Firmware Release Note

ZyWALL 1050

Release 1.00(XL.1)

Date: Jul, 14, 2006

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Supported Platforms:

ZyXEL ZyWALL 1050

Versions:

ZLD Version: 1.00(XL.1) | 07/14/2006

Bootbase: V1.08 | 05/05/2006

Notes:

1. If user upgrades from beta 8 or FCS firmware to this version, there is no need to restore to system default.
2. The default device administration username is “admin”, password is “1234”
3. The default LAN interface is ge1, which locate on the most left side. The default LAN subnet is 192.168.1.0/24.
4. By default, WWW/SSH/SNMP service can only be accessed from LAN subnet.
5. The default WAN interface is ge2, and the secondary WAN interface is ge3. These two interfaces will automatically get IP address using DHCP by default.
6. User can upgrade this firmware by using GUI or ftp client.

Known Issues:

System:

1. [SPR: 060208177]
[Symptom] In some occasions, Outlook Express might be terminated if both ZW1050 force authentication and https force redirect features are enabled and access user does not login to ZyWALL first.
[Work around] The access user must be authenticated first
2. [SPR: 060710491]
[Symptom] When users configure PPTP interfaces as WAN interface and high volume traffic go via the interface, the CPU usage may stay high.

Certificate:

1. [SPR: 050523482]
[Symptom] PKI does not interoperate with Windows CA server, when using SCEP.

Device HA:

1. [SPR: 060527709]
[Symptom] In some occasions, backup device might fail to apply configuration after it synchronize configuration file from master device. The backup device might recover itself in the next sync period.

IPsec VPN:

1. [SPR: 051206484]
[Symptom] ZW1050 does not support DNAT over IPsec with “Many one-to-one” case.
2. [SPR 060703016]
[Symptom] ZW1050 does not support domain zone forwarding within VPN tunnel
3. [SPR: 060126368]
[Symptom] VPN tunnel could not be established between ZW1050 and Fortinet products if IKE is configured as x-auth client or server.
4. [SPR: 060316226]
[Symptom] VPN tunnel might be disconnected unexpectedly between ZW1050 and ZW5/35/70 if user turns on DPD function on either side.
[Work around] Do not turn on DPD function on either side or upgrade ZW5/35/70 to ZyNOS 4.00 patch 10 release or after.

5. [SPR: 060327208]

[Symptom] VPN tunnel could not be established when 1) a non ZW1050 peer gateway reboot and 2) ZW1050 has a previous established Phase 1 with peer gateway, and the Phase 1 is not yet expired. Under those conditions, ZW1050 will continue to use the previous phase 1 SA to negotiate the Phase 2 SA . It would result in phase 2 negotiation to fail.

[Work around] User could disable and re-enable phase 1 rule in ZW1050 or turn on DPD function to resolve problem.

6. [SPR: 060602172]

[Symptom] IKE phase 1 certificate authentication would fail, if the key algorithms are different between initiator and responder. For example, initiator use RSA certificate and responder use DSA certificate.

[Work around] Use same key algorithm in both initiator and responder.

Features:

Modifications in 1.00(XL.1)

1. [BUG FIX] 060109366

Symptom:

Firewall LAN to WAN rule display error

Condition:

1. Use GUI, add a Firewall Zone pair LAN to WAN, deny FTP service.
2. Return to Firewall summary page, LAN to WAN rule will disappear.
3. Check Global rule, there are two LAN to WAN rule exist.
4. Attach Picture and Conf file.

2. [BUG FIX] 060411661

Symptom:

VPN, sometimes when we configure Phase1 ' s parameters, the GUI showed " Error: [-1], Parse error/command not found!. "

Condition:

1. An example is set Local ID type and Peer ID type.

3. [BUG FIX] 060530933

Symptom:

"The page can't not be displayed" show on Policy route page

Condition:

1. On GUI, Configuration > Policy > Route > Policy Route > Edit > #1 page, Incoming select Change button, Incoming=Tunnel and don't select any VPN tunnel click OK, click Change button again IE will show "The page can't not be displayed"

4. [BUG FIX] 060609585

Symptom:

Can ' t change Connection ID from " S: " to blank.

Condition:

1. Interface > ISP Account, add one profile "ppp0" for PPTP account, and set the Connection ID to " S: ".
2. Interface > ISP Account > Edit profile "ppp0", Change Connection ID from " S: " to blank, OK.
3. Interface > ISP Account > Check profile "ppp0", the Connection ID is still " S: ".

5. [BUG FIX] 060609642

Symptom:

IDP "Packet Inspection" still detected attack traffic, even if DUT not registration or IDP not licensed.

Condition:

1. Do not registration DUT and IDP has not licensed.
2. Edit eWC/IDP/General, enable IDP, select a "all" profile to match WAN Zone, "Activation", and then "Apply", GUI will be show message "IDP service is not registered. Packet Inspection feature will not be activated."
3. Attack from LAN to WAN, IDP "Packet Inspection" still detected that attack traffic .

6. [BUG FIX] 060609661

Symptom:

DUT will send RST packet when LAN visit webside

Condition:

1. DUT register to DB, Content Filter service had activated.
2. Add a CF profile, select all Categories, Policies append this rule. Denied Access Message=Max. length, Redirect URL=https://192.168.1.1.
3. LAN PC first visit webside (www.google.com) DUT will return RST packet.
4. If webside had exist on Cache, it work fine.

7. [BUG FIX] 060609666

Symptom:

PC in LAN side can not get any IP from DUT after playing the role of PQA gateway for a while.

Condition:

PC in LAN side can not get any IP from DUT after playing the role of PQA gateway for a while.

8. [BUG FIX] 060612696

Symptom:

DHCP server can not enable when netmask=255.255.248.0

Condition:

DHCP server can not enable when netmask=255.255.248.0

9. [BUG FIX] 060613781

Symptom:

Configuration file name can not set maximum character

Condition:

1. Select a configuration file and click rename button
2. Set Configuration file name is maximum character then click OK => Fail, browse will pop a "File Name is invalid filename" window

10. [BUG FIX] 060613790

Symptom:

IDP RST packet's source IP address should be Interface's IP address like ZyNOS.

Condition:

1. DUT sent out IDP RST packet with sender IP address (ex. 192.168.1.33) to receiver.
2. The RST packets will be dropped if the receiver behind router or NAT firewall and then they can't receive RST packets.
3. The ZyNOS will send IDP RST packet with Interface IP address to avoid the issue.

11. [BUG FIX] 060614839

Symptom:

PC1 can not search Host of PC2 via VPN tunnel even "NetBIOS broadcast over IPsec" is enabled.

Condition:

PC1-----ZW1050_1=====ZW1050_2-----PC2

1. VPN had been established successfully.
2. PC1 can not search Host of PC2 via VPN tunnel even "NetBIOS broadcast over IPsec" is enabled.

12. [BUG FIX] 060619059

Symptom:

Sort's icon on wrong seat when click Log sort by source.

Condition:

1. Logs-> View Log, sort logs by source.
2. Logs-> View Log, Sort's icon displayed on Message's seat. It should be on Source's seat.
3. Attached picture for your reference.

13. [BUG FIX] 060622331

Symptom:

Backup ZW1050 can not switch LAN IP from management IP to physical IP after Master ZW1050 shut down.

Condition:

1. Master ZW1050 and Backup ZW1050 are doing Device HA with LAN and WAN VRRP groups.
 2. Backup ZW1050 will automatically sync to Master ZW1050 every one minute.
 3. Backup ZW1050 can not switch LAN IP from management IP to physical IP after Master ZW1050 shut down.
 4. After shutting down Master ZW1050:
Backup:HA status of LAN is Active and HA status of WAN is Active
 5. Backup ZW1050 can not switch LAN IP from management IP to physical IP.
 6. After powering on Master ZW1050:
Backup:HA status of LAN is Active and HA status of WAN is Stand-By
 7. Everything goes fine after VRRP group of WAN on Backup is disabled then enabled.
14. [BUG FIX] 060615930
- Symptom:
Problem of OSPF virtual-link authentication and backbone area
- Condition:
1. area 0 authentication is none.
 2. set virtual link authentication to Text or MD5
 3. area 0 authentication will be changed to Text or MD5.
15. [BUG FIX] 060623557
- Symptom:
CPU usage 100% when enable content filter and block cookie
- Condition:
1. Add a bridge interface members are ge1~ge5
 2. Connect ge2 to NAT router's LAN port
 3. Enable content filter and block cookie
 4. Go to www.kimo.com.tw from ge1 PC =>CPU usage will be 100%
16. [BUG FIX] 060621262
- Symptom:
dhcpd is dead if change ge2 metric.
- Condition:
1. Change ge2's metric from 1 to 0 and apply.
 2. A PC from ge1 can't get IP address.
 3. Apply ge2 again, and dhcpd will live again. It can be duplicated easily.
17. [BUG FIX] 060613782

Symptom:

Admin can not log in system anymore after doing several VPN cases by changing Authentication Method and Extended Authentication.

Condition:

1. Admin can not log in system anymore after doing several VPN cases by changing Authentication Method and Extended Authentication.

18. [BUG FIX] 060613774

Symptom:

DDNS Profile Name length can only support 14

Condition:

1. In GUI, Configuration > Network > DDNS > Edit > #1 page, Profile Name length more than 14 will be cut.

2. Ex: A234567890123456 will be cut to A2345678901234

19. [BUG FIX] 060608584

Symptom:

Kernel panic every times when setting manual VPN rule.

Condition:

1.Reset to default setting.

2.Edit a manual VPN rule as the following: SPI=2345, Encryption Key=1111111111, Authentication key = 11111111111111111111, Local policy=LAN_SUBNET, Remote policy=LAN_SUBNET, My Address=1.1.1.1, Secure Gateway Address = 2.2.2.2, then OK.

3.After pressing any item, DUT crashed.

20. [BUG FIX] 060613779

Symptom:

IKE cert + xauth problem cause QS xml parser failed

Condition:

1. VPN tunnel can be established with invalid peer ID if it used to do authentication by Certificate and Extended Authentication with any peer ID to establish tunnel successfully before.

2. Attach configuration files in SPR system.

21. [BUG FIX] 060614837

Symptom:

No log while IKE search cert failed

www.zyxel.com

Condition:

1. VPN tunnel can not be established in few hours if it authenticates by DNS certificate that signed from ZW1050 itself.
2. Suggest to show logs to figure out what if Certificate is valid or not for VPN authentication.

22. [BUG FIX] 060622522

Symptom:

After reboot DUT, setting of Device HA will be changed.

Condition:

1. Device HA > VRRP GROUP, add a rule
 - Enable= enable; Name= ZW1050_GE1, VRID= 50; VRRP Interface=ge1; Role=Backup; Priority=50; Preempt= disable ; Manage IP= 192.168.1.2; Manage IP Subnet Mask= 255.255.255.0; Authentication=None.
2. Reboot DUT.
3. Device HA > VRRP GROUP, check Preempt = enable, it should be disable.

Modifications in 1.00(XL.0)

First release.
