

ZyXEL GS-1524 V1.12(AYD.0)C0

Release Note/Manual Supplement

Date: Aug 07, 2007

This document describes the features in the GS-1524 product for its 1.12(AYD.0)C0 release.

Support Platforms:

ZyXEL GS-1524 V1.12(AYD.0)C0 supports models: ZyXEL GS-1524

Version:

OS Version: V1.12(AYD.0) Tue Aug 7 23:38:43 2007

CFE Version: 1.1.0-wss-1.4 | 7 月 11 19:33:53 CST 2007

Changes:

1. Add link/activity led bits for fiber ports
2. Remove PingOfDeath item of AutoDos in WEB GUI
3. Add a display F/W version command 'version' in ecos shell
4. Don't enable GPIO7, it is used as system reset
5. Change web title and cookie name from 'ExtraSmart' to 'WebManaged'
6. Update Zyxel web help pages

Features:

1. Web administration management
2. Support IEEE 802.1D transparent bridge
3. Support IEEE 802.1Q tagged VLAN
4. Automatic age out
5. Specific MAC addresses forwarding per port
6. Port Trunking
7. Port Mirroring
8. Bandwidth Control
9. Broadcast Storm Control
10. Support Strict Priority and WRR queuing method
11. Static IP management or dynamic IP(DHCP client)
12. Firmware upgrade and configuration backup/restore.
13. Syslog
14. Support Cable Diagnostic
15. Support RFC1213 (system and interface)
16. Support RFC1398 (Ether-like)
17. Support DoS
18. Support Auto VoIP
19. Support Dynamic ARP
20. Dynamic ARP function failed on port 1-3
21. Fiber led behavior is not correct, ACTIVITY LED is always on.

Known Issue:

1. In some conditions web browser would fail to set port PVID.
2. When set port configuration , the link status is show link down.After refresh, it just show link up.
3. For Windows 2000 PRO English OS and IE 6.0. Retry button of Qos IP-based entry would not work.
4. Cable diagnostic in port 1 are not correct with less 10m cable.

Bug Fix:

1. Fullduplex of 1Gbps speed doesn't work normally
2. Port information of L2 Address Table is not correct
3. Can't open port-based QOS page
4. Can't add IP-based QOS entry
5. Unable to change configuration of port43-48(48 ports only)
6. SIP service would be broken after enabling blat attack prevention
7. Unable to filter Scan SYNFIN/NULL Scan/Deny SYN with sport < 1024 after enabling AutoDos
8. Destination port doesn't get equal packet rate when sending two equal priority traffic from two ports to the same port

Firmware Upgrade:

The GS-1524 uses TFTP/Web to upgrade firmware in run-time through its built-in FTP client/Web Server. The upgrade procedure of TFTP method is as follows:

Upgrade GS-15XX FW:

```
Reboot DUT with pressed ctrl-C to enter CFE> prompt
CFE> ifconfig -eth1 -addr=<DUT_IP> -mask=<DUT_MASK>
CFE> flash -noheader <SER_IP>:<F/W File> flash0.os
Ex:
CFE> ifconfig -eth1 -addr=192.168.0.1 -mask=255.255.255.0
CFE> flash -noheader 192.168.0.100:bcm. robo flash0.os
```

Where

- DUT_IP : IP address of device
- DUT_MASK : Subnet mask of device
- SER_IP : IP address of TFTP server
- F/W File : Wanted upgrade F/W file, like as bcm. robo

File Instruction:

- 112yyyxxx.bin : Main WSS image.
- xxxbm : Boot loader like image.