ZyXEL GS2200-48 V3.80(BPR.3)

Release Note/Manual Supplement

Date: Dec 16, 2013

This document describes the features in the GS2200-48 product for its 3.80(BPR.3) release.

Support Platforms:

ZyXEL GS2200-48 V3.80(BPR.3) supports models: ZyXEL GS2200-48

Version:

ZyNOS Version: V3.80(BPR.3) | 12/16/2013
Bootbase Version: V1.0 | 06/18/2009

Features:

1. Port-based VLAN
2. IEEE 802.1Q tag-based VLAN
3. IGMP snooping
4. MAC filtering
5. 802.1s MSTP
6. Filtering/Mirroring by L2/L3/L4 rules
7. Bandwidth control by L2/L3/L4 rules
8. Egress traffic shaping per port
9. Multicast
10. MVR
11. Syslog
12. DiffServ feature (DSCP – 802.1p priority mapping)
13. MRSTP
14. RADIUS enhancement(for 802.1X enhancenment and multiple radius servers)
15. Administration user management
16. Multilevel CLI
17. SNMP trap group
18. IP source guard(Static binding, DHCP snooping, ARP inspection)
19. Two rate three color marking
20. IP subnet VLAN
21. RADIUS MAC login
22. RADIUS accounting
23. TACACS+ authentication
24. TACACS+ accounting
25. IGMPv3 snooping
26. Loop guard

Known Issues:

Fix:

1. Dead lock issue
2. Correct timer frequency for system time

3. DHCP relay: duplicate request packets to DHCP server
4. Counter will show wrong value in IfInOctets & IfOutOctets when interface down.
5. When input a big parameter and TAB button, the DUT will crash.

Manufacturing Data:

```
ZyNOS Version          : V3.80(BPR.3) | 12/16/2013 9:52:41
Bootbase Version       : V1.0 | 06/18/2009 18:04:15
Serial Number          : xxxxxxxxxxxxxx
Vendor Name            : ZyXEL Communications Corp.
Product Model          : GS2200-48
ZyNOS Code Model       : GS2200-48
HTP Code Model         : Unknown
ZyNOS ROM address      : 50080000
System Type            : 10
First MAC Address      : CC5E4D010203
Last  MAC Address      : CC5E4D010236
MAC Address Quantity   : 52
Default Country Code   : FF
Boot Module Debug Flag : 01
RomFile Version        : 8F
RomFile Checksum       : b60c
ZyNOS Checksum         : 1b98
SNMP MIB level & OID   : 060102030405060708091011121314151617181920
Main Feature Bits      : C0
Other Feature Bits     :
          01 22 00 00 00 00 00 00-00 00 00 00 00 00 00 00
          00 00 00 00 00 00 00 00-00 41 13 00 00 00
```

Firmware Upgrade:

The GS2200-48 uses FTP to upgrade firmware in run-time through its built-in FTP server. You can use any FTP client (for example, ftp.exe in Windows) to upgrade GS2200-48. The upgrade procedure is as follows:

Upgrade GS2200-48 FW:

```
C:\> ftp <GS2200-48 IP address>
User : admin
Password: 1234
230 Logged in
ftp> put 380BPR3C0.bin ras
ftp> bye
```

Where

- User name : the management user name, admin by default
- Password : the management password, 1234 by default
- 380BPR3C0.bin: the name of firmware file you want to upgrade
- ras : the internal firmware name in GS2200-48

Configuration Upgrade:

The GS2200-48 uses FTP to upgrade configuration in run-time through its built-in FTP server. You can use any FTP client (for example, ftp.exe in Windows) to upgrade GS2200-48. The upgrade procedure is as follows:

Upgrade GS2200-48 configuration:

```
C:\> ftp <GS2200-48 IP address>
User : admin
Password: 1234
230 Logged in
ftp> put <config> config
ftp> bye
```

Where

- User name : the management user name, admin by default
- Password : the management password, 1234 by default
- <config> : the name of configuration file you want to upgrade
- config : the internal configuration name in GS2200-48