ZyXEL ES-3148 V3.60(TZ.1)c0

Release Note/Manual Supplement

Date: Apr 25, 2006

This document describes the features in the ES-3148 product for its 3.60(TZ.1)c0 release.

Support Platforms:

ZyXEL ES-3148 V3.60(TZ.1)c0 supports models: ZyXEL ES-3148

Version:

OS Version: V3.60(TZ.1) | 04/25/2006 15:51:39
BootBase Version: V0.6 | 07/05/2005 18:25:49

Features:

1.

Known Issues:

1. Management port test fail in 100M long cable.
2. Management port has compatible issue with Cnet Pro 2000 network interface card.
3. The packets which destination address is marked in the filter setting will always send to port 1.
4. Symbol and dribble error packets will count into FCS error counter.
5. Filtering: In some special cases, setting one MAC with discard-source will cause device filter all packets with this MAC, ether source MAC or destination MAC.
6. Do not suggest cooperate LACP with RSTP more than ten ports.
7. Do not support tagged frame forwarding in the Port-Based VLAN.
8. The time spending on restoring configuration file may increase as well as complexity of the configuration.
9. The "Length" field in error packet counter page has been disabled.
10. Web would display information of incorrect VLAN if users view VLAN via CLI concurrently.
11. When congestion in mirrored port occurs, monitor port may lose packets not dropped in mirrored port in a pretty minor ratio.
12. Modify the high threshold of system FAN RPM to 7000.

Fix:

1. System crash after viewing Web of MVR configuration if number of MVR address entry is greater than 128.
2. Correct a typo in restore configuration page.

Manufacturing Data:

```
ZyNOS Version          : V3.60(TZ.1) | 04/25/2006 15:51:39
Bootbase Version       : V0.6 | 07/05/2005 18:25:49
Serial Number          : xxxxxxxxxxxxxxx
Vendor Name            : ZyXEL Communications Corp.
Product Model          : ES-3148
ZyNOS Code Model       : ES-3148
HTP Code Model         : Unknown
ZyNOS ROM address      : 50080000
System Type            : 10
MAC Address            : 001349000001
Default Country Code   : FF
Boot Module Debug Flag : 01
RomFile Version        : 42
RomFile Checksum       : 8115
ZyNOS Checksum         : 0eb0
SNMP MIB level & OID   : 06010203040506070809101112131415161718920
Main Feature Bits      : C0
Other Feature Bits     :
          DC 00 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 ES-3148 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 ES-3148. The upgrade procedure is as follows:

Upgrade ES-3148 FW:

```
C:\> ftp <ES-3148 IP address>
User : admin
Password: 1234
230 Logged in
ftp> put 360TZ1C0.bin ras
ftp> bye


Where
```

- User name : the management user name, admin by default
- Password : the management password, 1234 by default
- 360TZ1C0.bin : the name of firmware file you want to upgrade
- ras : the internal firmware name in ES-3148

Configuration Upgrade:

The ES-3148 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 ES-3148. The upgrade procedure is as follows:

Upgrade ES-3148 configuration:

```
C:\> ftp <ES-3148 IP address>
User : admin
Password: 1234
230 Logged in
ftp> put 360TZ1C0.rom rom-0
ftp> bye


Where
```

- User name : the management user name, admin by default
- Password : the management password, 1234 by default
- 360TZ1C0.rom : the name of configuration file you want to upgrade
- rom-0 : the internal configuration name in ES-3148