ZyXEL ES-3124PWR V3.60(TY.0)C0

Release Note/Manual Supplement

Date: May 05, 2005

This document describes the features in the ES-3124PWR product for its 3.60(TY.0)C0 release.

Support Platforms:

ZyXEL ES-3124PWR V3.60(TY.0)C0 supports models: ZyXEL ES-3124PWR

Version:

OS Version: V3.60(TY.0) | 05/05/2005
BootBase Version: V0.1 | 02/01/2005

Features:

1.   RFC-2863 (Interface MIB), RFC-2674 (Extended Bridge MIB), RFC-2925 (Ping & Trace Route) supported, Power Ethernet MIB supported
2.   Add intrusion-lock feature in interfaces setup
3.   Add mac-freeze feature in port-security setup
4.   PLT (Packet Loop Test).
5.   SSL/SSHv2
6.   TFTP client/server.
7.   Bridge control protocol transparency supported.
8.   Radius management authentication.
9.   Multiple login supported.
10.   Multiple management IP supported.
11.   Multiple ping/traceroute instances supported.
12.   New CLI supported.
13.   Multiple configurations supported.
14.   System configuration backup / restore in text-mode.
15.   DHCP relay and relay agent information (option-82) supported.
16.   Upgrade switch driver to V.4.2.6.
17.   Read copper/fiber status on web.
18.   Disable web session idle timeout on web.

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.   Do not support complex key.
9.   Some commands do not support question mark as postfix to display help message.

10. If total PD power consumption is over power supply specification, the latter plugging PD wouldn't be powered over Ethernet.

Fix:

1.

Manufacturing Data:

```
ZyNOS Version         : V3.60(TY.0) | 05/05/2005 11:07:26
Bootbase Version      : V0.1 | 02/01/2005 16:33:32
Serial Number         : xxxxxxxxxxxxxxx
Vendor Name           : ZyXEL Communications Corp.
Product Model         : ES-3124PWR
ZyNOS Code Model      : ES3124PWR
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       : 44
RomFile Checksum      : e887
ZyNOS Checksum        : f783
SNMP MIB level & OID  : 060102030405060708091011121314151617181920
Main Feature Bits     : C0
Other Feature Bits    :
        D1 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-3124PWR 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-3124PWR. The upgrade procedure is as follows:

Upgrade ES-3124PWR FW:

```
C:\> ftp <ES-3124PWR IP address>
User : admin
Password: 1234
230 Logged in
ftp> put 360TY0C0.bin ras
ftp> bye


Where
```

- User name : the management user name, admin by default
- Password : the management password, 1234 by default
- 360TY0B3.bin : the name of firmware file you want to upgrade
- ras : the internal firmware name in ES-3124PWR

Configuration Upgrade:

The ES-3124PWR 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-3124PWR. The upgrade procedure is as follows:

Upgrade ES-3124PWR configuration:

```
C:\> ftp <ES-3124PWR IP address>
User : admin
Password: 1234
230 Logged in
ftp> put 360TY0C0.rom rom-0
ftp> bye


Where
```

- User name : the management user name, admin by default
- Password : the management password, 1234 by default
- 360TY0C0.rom : the name of configuration file you want to upgrade
- rom-0 : the internal configuration name in ES-3124PWR