ZyXEL ES-2024A V3.60(TX.1)C0

Release Note/Manual Supplement

Date: Sep 29, 2005

This document describes the features in the ES-2024A product for its 3.60(TX.1)C0 release.

Support Platforms:

ZyXEL ES-2024A V3.60(TX.1)C0 supports models: ZyXEL ES-2024A

Version:

OS Version: V3.60(TX.1) | 09/29/2005
BootBase Version: V1.07 | 04/20/2005

Default Bootbase Setting:

OS Version	V3.60(TX.1)	09/29/2005 17:47:11
Bootbase Version	V1.07	04/20/2005 13:38:02
Vendor Name	ZyXEL
Product Model	ES-2024A
OS Code Model	ES2024A
HTP Code Model	Unknown
OS ROM address	bfc10000
System Type	8
MAC Address	001349000001
Default Country Code	FF
Boot Module Debug Flag	01
RomFile Version	E2
RomFile Checksum	2ecd
OS Checksum	7042
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
DD 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00-00 00 13 00 00 00	

Features:

1. MAC address learning
2. Support IEEE 802.1D transparent bridge
3. Support IEEE 802.1Q tagged VLAN
4. Support Port-based VLAN
5. Support IEEE 802.1X
6. Support IEEE 802.1W
7. Support IEEE 802.3AD
8. Support GVRP
9. IGMP snooping
10. Support IEEE 802.1p

11. Automatic age out
12. Specific MAC addresses forwarding per port
13. MAC Filtering
14. Port Trunking
15. Port Mirroring
16. Bandwidth Control
17. Broadcast Storm Control
18. Support Strict Priority and WRR queuing method
19. Static IP management or dynamic IP(DHCP client)
20. Multiple IP address management
21. Firmware upgrade and configuration backup/restore.
22. Remote manageable.
23. Cluster Management
24. WEB manageable
25. Support RFC-1213 MIB II
26. Support RFC-1493 Bridge MIB
27. Support RFC-1643 Ethernet MIB
28. Support RFC-1757 Four group of RMON
29. Support RFC-2674 VLAN MIB
30. NEW CLI supported
31. System configuration backup / restore in text-mode
32. Multiple login supported
33. Radius management authentication
34. SSH/SSL support
35. Support EMS

Known Issue:

1.   For the same ports, LACP and RSTP cannot be activated at the same time
2.   The counter of packets whose length is between 1519 and 1522 (without VLAN tag but including FCS) will be counted both in the range of 1024 to 1518 and Giant.
3.   The device will be too busy to responding if it is still learning VLAN from GVRP and configuring the VLAN table especially for 4094 VLANs. After the process of configuring VLAN table is done, the device will still work well.

Bug Fix:

Limitation of Settings:

1.   VLAN 1Q static entry 256
2.   Static MAC forwarding entry 256
3.   MAC filtering entry 256
4.   Cluster member 24
5.   Management IP address 64

Change History:

V3.60(TX.0)C0 (06/28/2005)
          Support EMS and fix bugs

V3.60(TX.0)C0 (06/28/2005)
          First Public Version

Firmware Upgrade:

The ES-2024A 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-2024A. The upgrade procedure is as follows:

Upgrade ES-2024A FW:

```
C:\> ftp <ES-2024A IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 360TX1C0.bin ras
ftp> bye


Where
  • User name : just press <Enter>
  • Password : the management password, 1234 by default
  • 360TX1C0.bin : the name of firmware file you want to upgrade
  • ras : the internal firmware name in ES-2024A
```

Configuration Upgrade:

The ES-2024A 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-2024A. The upgrade procedure is as follows:

Upgrade ES-2024A configuration:

```
C:\> ftp <ES-2024A IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 360TX1C0.rom rom-0
ftp> bye


Where
  • User name : just press <Enter>
  • Password : the management password, 1234 by default
  • 360TX1C0.rom : the name of configuration file you want to upgrade
  • rom-0 : the internal configuration name in ES-2024A
```