

# ZyXEL GS-3012F V3.60(LR.0)C0

## Release Note/Manual Supplement

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**Date:** Feb 03, 2005

This document describes the features in the GS-3012F product for its 3.60(LR.0)C0 release.

### ***Support Platforms:***

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ZyXEL GS-3012F V3.60(LR.0)C0 supports models: ZyXEL GS-3012F

### ***Version:***

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OS Version: V3.60(LR.0) | 02/03/2005

BootBase Version: V3.00 | 01/14/2005

### ***Default Bootbase Setting:***

ZyNOS Version	V3.60(LR.0)   02/03/2005 20:55:24
Bootbase Version	V3.00   01/14/2005 22:06:52
Vendor Name	ZyXEL Communications Corp
Product Model	GS-3012F
ZyNOS Code Model	GS-3012F
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	7E
RomFile Checksum	7ebb
ZyNOS Checksum	1e04
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
BE 00 00 00 00 00 00 00 00-00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00-00 41 13 00 00 00	

### ***Features:***

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1. RFC-2863 (Interface MIB), RFC-2674 (Extended Bridge MIB), RFC-2925 (Ping & Trace Route) supported.
2. PLT (Packet Loop Test).
3. SSL/SSHv2
4. TFTP client/server.
5. Bridge control protocol transparency supported.
6. Radius management authentication.
7. Multiple login supported.
8. Multiple management IP supported.
9. Multiple ping/traceroute instances supported.
10. New CLI supported.

11. Multiple configurations supported.
12. System configuration backup / restore in text-mode.
13. DHCP relay and relay agent information (option-82) supported.
14. Upgrade switch driver to V.4.2.6.
15. Read copper/fiber status on web.
16. Bootbase version V3.00: using new MAC prefix 00-13-49

### ***Known Issue:***

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1. 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.
2. When user active LACP and RSTP, sometimes LACP is failed.
3. The system needs few minutes (under 2 mins) to complete link aggregation.
4. RFC 2889 Many to One Throughput Test failed.
5. Do not support tagged frame forwarding in the Port-Based VLAN.
6. Some commands do not support question mark as postfix to display help message

### ***Bug Fix:***

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1. After backup rom file with MAX character of host name, but it can not be restored.
2. the new accounts are not displayed at all after rebooting DUT via CLI and Web.
3. When use tftt command to restore RAS code, CLI will hang.
4. Fix auto mdix issue.
5. SPR bugs.

### ***Firmware Upgrade:***

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The GS-3012F 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 GS-3012F. The upgrade procedure is as follows:

#### **Upgrade GS-3012F FW:**

```
C:\> ftp <GS-3012F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 360LR0C0.bin ras
ftp> bye
```

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 360LR0C0.bin : the name of firmware file you want to upgrade
- ras : the internal firmware name in GS-3012F

### ***Configuration Upgrade:***

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The GS-3012F 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 GS-3012F. The upgrade procedure is as follows:

#### **Upgrade GS-3012F configuration:**

```
C:\> ftp <GS-3012F IP address>  
User : <Enter>  
Password: 1234  
230 Logged in  
ftp> put 360LR0C0.rom rom-0  
ftp> bye
```

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 360LR0C0.rom : the name of configuration file you want to upgrade
- rom-0 : the internal configuration name in GS-3012F