ZyXEL MGS-3712F V3.90(BBB.4)C0

Release Note/Manual Supplement

Date: Jun 8, 2011

This document describes the features in the MGS-3712F product for its 3.90(BBB.4)C0 release.

Support Platforms:

ZyXEL MGS-3712F V3.90(BBB.4)C0 supports models: ZyXEL MGS-3712F

Version:

OS Version: V3.90(BBB.4) | 06/08/2011
BootBase Version: V1.0 | 04/17/2008

Default Bootbase Setting:

ZyNOS Version	V3.90(BBB.4) | 06/08/2011 16:50:07
Bootbase Version	V1.0 | 04/17/2008 19:19:11
Vendor Name	ZyXEL
Product Model	MGS-3712F
ZyNOS Code Model	MGS-3712
HTP Code Model	Unknown
ZyNOS ROM address	bc0c0000
System Type	8
First MAC Address	0019CBD23BC6
Last MAC Address	0019CBD23BD3
MAC Address Quantity	14
Default Country Code	FF
Boot Module Debug Flag	01
RomFile Version	9E
RomFile Checksum	f964
ZyNOS Checksum	f93a
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
01 1E 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 00	

Enhanced Features

Bug Fix:

1. [MAC]After change the DUT's MAC address with specific number "c86c87123456" and reboot with default ROM, some abnormal message will be shown in console.

Known Issue:

1. LACP with RSTP is not recommended

2. Egress mirror always tag out
3. MSTP has the Count-into-Infinity issue in the special case when root bridge disappeared.

Limitation of Settings:

1. VLAN 1Q static entry 4K
2. Static MAC forwarding entry 256
3. MAC filtering entry 256
4. Cluster member 24
5. Management IP address 64
6. Classifier entry 512
7. Policy rule entry 512
8. IGMP MVR entry 256
9. IGMP filtering profile 256
10. Syslog server entry 4
11. MVR VLAN entry 5

Firmware Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F FW:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 390BBB4C0.bin ras
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 390BBB4C0.bin : the name of firmware file you want to upgrade
- ras : the internal firmware name in MGS-3712F

Configuration Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F configuration:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 390BBB4C0.rom rom-0
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 390BBB4C0.rom : the name of configuration file you want to upgrade
- rom-0: the internal configuration name in MGS-3712F

Change History:

V3.90(BBB.4)C0 (06/08/2011)
Bug fix

V3.90(BBB.3)C0 (08/20/2010)
Bug fix

V3.90(BBB.2)C0 (11/24/2009)
Bug fix

V3.90(BBB.1)C0 (11/17/2008)
Bug fix

V3.90(BBB.0)C0 (10/17/2008)
Support enhanced features

V3.80(BBB.2)C0 (03/31/2008)
Support enhanced features

V3.80(BBB.0)C0 (02/25/2008)
First Public Version

ZyXEL MGS-3712F V3.90(BBB.3)C0

Release Note/Manual Supplement

Date: Aug 20, 2010

This document describes the features in the MGS-3712F product for its 3.90(BBB.3)C0 release.

Support Platforms:

ZyXEL MGS-3712F V3.90(BBB.3)C0 supports models: ZyXEL MGS-3712F

Version:

OS Version: V3.90(BBB.3) | 08/20/2010
BootBase Version: V1.0 | 04/17/2008

Default Bootbase Setting:

ZyNOS Version	V3.90(BBB.3) | 08/20/2010 08:46:10
Bootbase Version	V1.0 | 04/17/2008 19:19:11
Vendor Name	ZyXEL
Product Model	MGS-3712F
ZyNOS Code Model	MGS-3712
HTP Code Model	Unknown
ZyNOS ROM address	bc0c0000
System Type	8
First MAC Address	0019CBD23BC6
Last MAC Address	0019CBD23BD3
MAC Address Quantity	14
Default Country Code	FF
Boot Module Debug Flag	01
RomFile Version	9E
RomFile Checksum	f964
ZyNOS Checksum	a9e1
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
01 1E 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 00	

Enhanced Features

1. Support VLAN tag process
2. Support CFM with hostname/IP

Bug Fix:

2. [Bandwidth Control]The ingress rate is very less than the value of DUT setting.
3. [Port]The port doesn't disable when restore system config during reboot.
4. [Write Memory]Update for write memory delay.
5. [Flow Control]TX/RX pause packets but no flow-control.
6. [Port]The port isn’t work when fiber port is inactive then active.
7. [VLAN Tag Process]When enable port-security, the vlan-stacking works abnormally.
8. [Log] The DUT will crash when show logging via CLI

9. [LLDP] When DUT set the Protocol Based VLAN setting and enable the lldp org-specific-tlv dot1 port-protocol-vlan-id, finding the TLV will show error.
10. [CFM]The DUT will crash when receive no support chassis ID sub-type of LTR
11. [CLONE]The port status is error after running clone
12. [OAM]The OAM remote loopback test will loss packet.
13. [CFM] Dump error message, when set virtual-mac.
14. [MAC Address Quantity] support First and Last MAC Address.
15. [L2PT] spanning tree can not work on L2PT tunnel port.

Known Issue:

4. LACP with RSTP is not recommended
5. Egress mirror always tag out
6. MSTP has the Count-into-Infinity issue in the special case when root bridge disappeared.

Limitation of Settings:

12. VLAN 1Q static entry 4K
13. Static MAC forwarding entry 256
14. MAC filtering entry 256
15. Cluster member 24
16. Management IP address 64
17. Classifier entry 512
18. Policy rule entry 512
19. IGMP MVR entry 256
20. IGMP filtering profile 256
21. Syslog server entry 4
22. MVR VLAN entry 5

Firmware Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F FW:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 390BBB3C0.bin ras
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 390BBB3C0.bin : the name of firmware file you want to upgrade
- ras : the internal firmware name in MGS-3712F

Configuration Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F configuration:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 390BBB3C0.rom rom-0
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 390BBB3C0.rom : the name of configuration file you want to upgrade
- rom-0: the internal configuration name in MGS-3712F

Change History:

V3.90(BBB.3)C0 (08/20/2010)
Bug fix

V3.90(BBB.2)C0 (11/24/2009)
Bug fix

V3.90(BBB.1)C0 (11/17/2008)
Bug fix

V3.90(BBB.0)C0 (10/17/2008)
Support enhanced features

V3.80(BBB.2)C0 (03/31/2008)
Support enhanced features

V3.80(BBB.0)C0 (02/25/2008)
First Public Version

ZyXEL MGS-3712F V3.90(BBB.2)C0

Release Note/Manual Supplement

Date: November 24, 2009

This document describes the features in the MGS-3712F product for its 3.90(BBB.2)C0 release.

Support Platforms:

ZyXEL MGS-3712F V3.90(BBB.2)C0 supports models: ZyXEL MGS-3712F

Version:

OS Version: V3.90(BBB.2) | 11/20/2009 15:09:32
BootBase Version: V1.0 | 04/17/2008 19:19:11

Default Bootbase Setting:

ZyNOS Version	V3.90(BBB.2) | 11/20/2009 15:09:32
Bootbase Version	V1.0 | 04/17/2008 19:19:11
Vendor Name	ZyXEL
Product Model	MGS-3712F
ZyNOS Code Model	MGS-3712
HTP Code Model	Unknown
ZyNOS ROM address	bc0c0000
System Type	8
MAC Address	0019CB000001
Default Country Code	FF
Boot Module Debug Flag	01
RomFile Version	9E
RomFile Checksum	f964
ZyNOS Checksum	9107
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
01 1E 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 00	

Enhanced Features

3. Supporting new MAC prefix

Bug Fix:

1. None

Known Issue:

7. LACP with RSTP is not recommended
8. Egress mirror always tag out

9. MSTP has the Count-into-Infinity issue in the special case when root bridge disappeared.

Limitation of Settings:

23. VLAN 1Q static entry 4K
24. Static MAC forwarding entry 256
25. MAC filtering entry 256
26. Cluster member 24
27. Management IP address 64
28. Classifier entry 512
29. Policy rule entry 512
30. IGMP MVR entry 256
31. IGMP filtering profile 256
32. Syslog server entry 4
33. MVR VLAN entry 5

Firmware Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F FW:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 390BBB2C0.bin ras
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 390BBB2C0.bin : the name of firmware file you want to upgrade
- ras : the internal firmware name in MGS-3712F

Configuration Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F configuration:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 390BBB2C0.rom rom-0
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 390BBB2C0.rom : the name of configuration file you want to upgrade
- rom-0: the internal configuration name in MGS-3712F

Change History:

V3.90(BBB.2)C0 (11/24/2009)
Bug fix

V3.90(BBB.1)C0 (11/17/2008)
Bug fix

V3.90(BBB.0)C0 (10/17/2008)
Support enhanced features

V3.80(BBB.2)C0 (03/31/2008)
Support enhanced features

V3.80(BBB.0)C0 (02/25/2008)
First Public Version

ZyXEL MGS-3712F V3.90(BBB.1)C0

Release Note/Manual Supplement

Date: November 17, 2008

This document describes the features in the MGS-3712F product for its 3.90(BBB.1)C0 release.

Support Platforms:

ZyXEL MGS-3712F V3.90(BBB.1)C0 supports models: ZyXEL MGS-3712F

Version:

OS Version: V3.90(BBB.1) | 11/14/2008 17:42:07
BootBase Version: V1.0 | 04/17/2008 19:19:11

Default Bootbase Setting:

ZyNOS Version	V3.90(BBB.1) | 11/14/2008 17:42:07
Bootbase Version	V1.0 | 04/17/2008 19:19:11
Vendor Name	ZyXEL
Product Model	MGS-3712F
ZyNOS Code Model	MGS-3712
HTP Code Model	Unknown
ZyNOS ROM address	bc0c0000
System Type	8
MAC Address	0019CB000001
Default Country Code	FF
Boot Module Debug Flag	01
RomFile Version	9E
RomFile Checksum	f964
ZyNOS Checksum	95ae
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
01 1E 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 00	

Enhanced Features

4. None

Bug Fix:

2. The VLAN mapping is not work.
3. The LLDP should carry 1000 full bit, when enable MAC-PHY TLV.

Known Issue:

10. LACP with RSTP is not recommended
11. Egress mirror always tag out
12. MSTP has the Count-into-Infinity issue in the special case when root bridge disappeared.

Limitation of Settings:

34. VLAN 1Q static entry 4K
35. Static MAC forwarding entry 256
36. MAC filtering entry 256
37. Cluster member 24
38. Management IP address 64
39. Classifier entry 512
40. Policy rule entry 512
41. IGMP MVR entry 256
42. IGMP filtering profile 256
43. Syslog server entry 4
44. MVR VLAN entry 5

Firmware Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F FW:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 390BBB1C0.bin ras
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 390BBB1C0.bin : the name of firmware file you want to upgrade
- ras : the internal firmware name in MGS-3712F

Configuration Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F configuration:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 390BBB1C0.rom rom-0

ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 390BBB1C0.rom : the name of configuration file you want to upgrade
- rom-0: the internal configuration name in MGS-3712F

Change History:

V3.90(BBB.1)C0 (11/17/2008)
Bug fix

V3.90(BBB.0)C0 (10/17/2008)
Support enhanced features

V3.80(BBB.2)C0 (03/31/2008)
Support enhanced features

V3.80(BBB.0)C0 (02/25/2008)
First Public Version

ZyXEL MGS-3712F V3.90(BBB.0)C0

Release Note/Manual Supplement

Date: October 17, 2008

This document describes the features in the MGS-3712F product for its 3.90(BBB.0)C0 release.

Support Platforms:

ZyXEL MGS-3712F V3.90(BBB.0)C0 supports models: ZyXEL MGS-3712F

Version:

OS Version: V3.90(BBB.0) | 10/17/2008 18:25:19
BootBase Version: V1.0 | 04/17/2008 19:19:11

Default Bootbase Setting:

ZyNOS Version	V3.90(BBB.0) | 10/17/2008 18:25:19
Bootbase Version	V1.0 | 04/17/2008 19:19:11
Vendor Name	ZyXEL
Product Model	MGS-3712F
ZyNOS Code Model	MGS-3712
HTP Code Model	Unknown
ZyNOS ROM address	bc0c0000
System Type	8
MAC Address	0019CB000001
Default Country Code	FF
Boot Module Debug Flag	01
RomFile Version	9E
RomFile Checksum	f964
ZyNOS Checksum	3c85
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
01 1E 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 00	

New Features

1. LLDP
2. VLAN Mapping
3. Selective QinQ
4. VLAN MAC Limit
5. TACACS+ authorization
6. IGMP Throttling
7. VLAN Counter
8. L2PT

9. MAC-freeze GUI interface
10. LACP algorithm
11. MAC searching
12. VLAN search
13. Protocol-based VLAN
14. WFQ
15. Diffserv
16. VLAN MAC Limit
17. Support transceiver DDMI information
18. Support IGMP snooping fast leave
19. Support IGMP snooping statistics
20. Support 802.3ah standard MIB

Features:

1. 802.1s MSTP
2. SNMPv3
3. enlarge syslog buffer
4. 802.3ah OAM
5. Multilevel CLI
6. SNMP trap group
7. configurable multicast VLAN
8. enlarge concurrent telnet session
9. IP source guard(Static binding, DHCP snooping, ARP inspection)
10. Two rate three color marking
11. IP subnet VLAN
12. RADIUS MAC login
13. RADIUS accounting
14. TACACS+ authentication
15. TACACS+ accounting
16. Loop guard
17. Daylight saving
18. MRSTP support
19. Multiple login supported (through RADIUS)
20. IGMP snooping timer configuration supported
21. RFC-2863 (Interface MIB), RFC-2674 (Extended Bridge MIB), RFC-2925 (Ping & Trace Route) supported.
22. PLT (Packet Loop Test).
23. SSL/SSHv2
24. TFTP client/server.
25. Bridge control protocol transparency supported.
26. Radius management authentication.
27. Multiple login supported.
28. Multiple management IP supported.
29. Multiple ping/traceroute instances supported.
30. New CLI supported.
31. Multiple configurations supported.
32. System configuration backup / restore in text-mode.
33. DHCP relay and relay agent information (option-82) supported.
34. Read copper/fiber status on web.
35. Multicast
36. MVR
37. IGMP Filtering
38. CIR & PIR
39. Mac Freeze
40. Intrusion Lock
41. Syslog
42. Page support for displaying configuration
43. Reserve multicast group support
44. Static Multicast
45. Vlan stacking

46. Dual image
47. 802.1ag CFM

Enhanced Features:

Known Issue:

1. LACP with RSTP is not recommended
2. Egress mirror always tag out
3. MSTP has the Count-into-Infinity issue in the special case when root bridge disappeared.

Bug Fix:

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Limitation of Settings:

1. VLAN 1Q static entry 4094
2. Static MAC forwarding entry 256
3. MAC filtering entry 256
4. Cluster member 24
5. Management IP address 64
6. Classifier entry 512
7. Policy rule entry 512
8. IGMP MVR entry 256
9. IGMP filtering profile 256
10. Syslog server entry 4
11. MVR VLAN entry 5

Firmware Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F FW:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 390BBB0C0.bin ras
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 390BBB0C0.bin : the name of firmware file you want to upgrade
- ras : the internal firmware name in MGS-3712F

Configuration Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F configuration:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 390BBB0C0.rom rom-0
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 390BBB0C0.rom : the name of configuration file you want to upgrade
- rom-0: the internal configuration name in MGS-3712F

ZyXEL MGS-3712F V3.80(BBB.2)C0

Release Note/Manual Supplement

Date: March 31, 2008

This document describes the features in the MGS-3712F product for its 3.80(BBB.2)C0 release.

Support Platforms:

ZyXEL MGS-3712F V3.80(BBB.2)C0 supports models: ZyXEL MGS-3712F

Version:

OS Version: V3.80(BBB.2) | 03/21/2008 12:25:50
BootBase Version: V0.4 | 12/13/2007 01:35:53

Default Bootbase Setting:

ZyNOS Version	V3.80(BBB.2) | 03/21/2008 12:25:50
Bootbase Version	V0.4 | 12/13/2007 01:35:53
Vendor Name	ZyXEL
Product Model	MGS-3712F
ZyNOS Code Model	MGS-3712
HTP Code Model	Unknown
ZyNOS ROM address	bc0c0000
System Type	8
MAC Address	0019CB000001
Default Country Code	FF
Boot Module Debug Flag	01
RomFile Version	9E
RomFile Checksum	f964
ZyNOS Checksum	87f0
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
01 1E 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 00	

New Features

1. B0 chip support

Features:

1. 802.1s MSTP
2. SNMPv3
3. enlarge syslog buffer
4. 802.3ah OAM
5. Multilevel CLI
6. SNMP trap group

7. configurable multicast VLAN
8. enlarge concurrent telnet session
9. IP source guard(Static binding, DHCP snooping, ARP inspection)
10. Two rate three color marking
11. IP subnet VLAN
12. RADIUS MAC login
13. RADIUS accounting
14. TACACS+ authentication
15. TACACS+ accounting
16. Loop guard
17. Daylight saving
18. MRSTP support
19. Multiple login supported (through RADIUS)
20. IGMP snooping timer configuration supported
21. RFC-2863 (Interface MIB), RFC-2674 (Extended Bridge MIB), RFC-2925 (Ping & Trace Route) supported.
22. PLT (Packet Loop Test).
23. SSL/SSHv2
24. TFTP client/server.
25. Bridge control protocol transparency supported.
26. Radius management authentication.
27. Multiple login supported.
28. Multiple management IP supported.
29. Multiple ping/traceroute instances supported.
30. New CLI supported.
31. Multiple configurations supported.
32. System configuration backup / restore in text-mode.
33. DHCP relay and relay agent information (option-82) supported.
34. Read copper/fiber status on web.
35. Multicast
36. MVR
37. IGMP Filtering
38. CIR & PIR
39. Mac Freeze
40. Intrusion Lock
41. Syslog
42. Page support for displaying configuration
43. Reserve multicast group support

Enhanced Features:

1.

Known Issue:

1. LACP with RSTP is not recommended
2. Egress mirror always tag out

Bug Fix:

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Limitation of Settings:

1. VLAN 1Q static entry 2000
2. Static MAC forwarding entry 256
3. MAC filtering entry 256
4. Cluster member 24
5. Management IP address 64
6. Classifier entry 128
7. Policy rule entry 128

8. IGMP MVR entry 256
9. IGMP filtering profile 256
10. Syslog server entry 4

Firmware Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F FW:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 380BBB2C0.bin ras
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 380BBB2C0.bin : the name of firmware file you want to upgrade
- ras : the internal firmware name in MGS-3712F

Configuration Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F configuration:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 380BBB2C0.rom rom-0
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 380BBB2C0.rom : the name of configuration file you want to upgrade
- rom-0: the internal configuration name in MGS-3712F

ZyXEL MGS-3712F V3.80(BBB.0)C0

Release Note/Manual Supplement

Date: Feb.25, 2008

This document describes the features in the MGS-3712F product for its 3.80(BBB.0)C0 release.

Support Platforms:

ZyXEL MGS-3712F V3.80(BBB.0)C0 supports models: ZyXEL MGS-3712F

Version:

OS Version: V3.80(BBB.0) | 02/25/2008 15:41:09
BootBase Version: V0.4 | 12/13/2007 01:35:53

Default Bootbase Setting:

ZyNOS Version	V3.80(BBB.0) | 02/25/2008 15:41:09
Bootbase Version	V0.4 | 12/13/2007 01:35:53
Vendor Name	ZyXEL
Product Model	MGS-3712F
ZyNOS Code Model	MGS-3712
HTP Code Model	Unknown
ZyNOS ROM address	bc0c0000
System Type	8
MAC Address	0019CB000001
Default Country Code	FF
Boot Module Debug Flag	01
RomFile Version	9E
RomFile Checksum	f964
ZyNOS Checksum	ebc2
SNMP MIB level & OID	060102030405060708091011121314151617181920
Main Feature Bits	C0
Other Feature Bits	
01 1E 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 00	

New Features

1.

Features:

1. 802.1s MSTP
2. SNMPv3
3. enlarge syslog buffer
4. 802.3ah OAM
5. Multilevel CLI
6. SNMP trap group
7. configurable multicast VLAN
8. enlarge concurrent telnet session
9. IP source guard(Static binding, DHCP snooping, ARP inspection)

10. Two rate three color marking
11. IP subnet VLAN
12. RADIUS MAC login
13. RADIUS accounting
14. TACACS+ authentication
15. TACACS+ accounting
16. Loop guard
17. Daylight saving
18. MRSTP support
19. Multiple login supported (through RADIUS)
20. IGMP snooping timer configuration supported
21. RFC-2863 (Interface MIB), RFC-2674 (Extended Bridge MIB), RFC-2925 (Ping & Trace Route) supported.
22. PLT (Packet Loop Test).
23. SSL/SSHv2
24. TFTP client/server.
25. Bridge control protocol transparency supported.
26. Radius management authentication.
27. Multiple login supported.
28. Multiple management IP supported.
29. Multiple ping/traceroute instances supported.
30. New CLI supported.
31. Multiple configurations supported.
32. System configuration backup / restore in text-mode.
33. DHCP relay and relay agent information (option-82) supported.
34. Read copper/fiber status on web.
35. Multicast
36. MVR
37. IGMP Filtering
38. CIR & PIR
39. Mac Freeze
40. Intrusion Lock
41. Syslog
42. Page support for displaying configuration
43. Reserve multicast group support

Enhanced Features:

1.

Known Issue:

1. LACP with RSTP is not recommended
2. Egress mirror always tag out

Bug Fix:

1.

Limitation of Settings:

1. VLAN 1Q static entry 2000
2. Static MAC forwarding entry 256
3. MAC filtering entry 256
4. Cluster member 24
5. Management IP address 64
6. Classifier entry 128
7. Policy rule entry 128
8. IGMP MVR entry 256
9. IGMP filtering profile 256
10. Syslog server entry 4

Firmware Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F FW:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 380BBB0C0.bin ras
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 380BBB0C0.bin : the name of firmware file you want to upgrade
- ras : the internal firmware name in MGS-3712F

Configuration Upgrade:

The MGS-3712F 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 MGS-3712F. The upgrade procedure is as follows:

Upgrade MGS-3712F configuration:

C:\> ftp <MGS-3712F IP address>
User : <Enter>
Password: 1234
230 Logged in
ftp> put 380BBB0C0.rom rom-0
ftp> bye

Where

- User name : just press <Enter>
- Password : the management password, 1234 by default
- 380BBB0C0.rom : the name of configuration file you want to upgrade
- rom-0: the internal configuration name in MGS-3712F