

ZyXEL GS1910-24 V1.00(AAAX.4)C0

Release Note

Date: Nov 4/2013

This document describes the FW update for controlling GPIO12, 14, and 19 on HW design, ensuring the PHY reset is well-defined.

Support Platforms:

ZyXEL GS1910-24 V1.00(AAAX.4)C0 supports models: ZyXEL GS1910-24

Version:

OS Version: V1.00(AAAX.4) | 9/16/2013

BootBase Version: V1.00 | 4/20/2012

Default Bootbase Setting:

OS Version	V1.00(AAAX.3) 9/16/2013
Bootbase Version	V1.00 4/20/2012
Vendor Name	ZyXEL
Product Model	GS1910-24
ZyNOS Code Model	GS1910-24

Bug Fix:

1. Fixed GS1910-24HP and GS1910-24 external PHY reset issue, by controlling GPIO12, 14, and 19 on HW design, ensuring the PHY reset is well-defined.

Enhanced Features:

None

Known Issue:

1. [MAC Table] When disable aging time, the mac address statistics might be abnormal.
2. [IGMP-Snooping] When exchange to send IGMP-snooping v2 and v3 join report, only v2 join report can work.
3. [802.1x] In 802.1x, it only support MD5 now but TLS will be supported at future release.
4. [Link Aggregation] The trunking port's PVID isn't the same as first trunking port.
5. [ARP Inspection] The ARP traffic isn't full rate when disable port mode.
6. [Guest VLAN] When client use invalid username and password to authenticate, and re-authenticate times exceed max re-auth. count and the port should enter "Guest VLAN" mode.
7. [IPv6] DUT can ping another routing domain via router while static IPv6 address set up. However, DUT sometimes can't get prefix to combine as a global IPv6 address after enable IPv6 auto configure. But DUT would not ping another routing domain if disable auto configure.
8. [Web GUI] Don't show the serial no. on Web GUI

Limitation of Settings:

1. VLAN 1Q static entry 4K
2. 802.1s instances 16
3. Guest VLAN 1
4. Static MAC entries 64
5. RADIUS server 5
6. TACACS+ server 5
7. Multicast MAC groups 1K
8. IPSG entries 256
9. Syslog server 1
10. NTPv4 server 5
11. DNS server 1

Change History:

V1.00(AAAX.4) | 9/16/2013

FCS+4 Version

V1.00(AAAX.3) | 3/05/2013

FCS+3 Version

V1.00(AAAX.2) | 11/09/2012

FCS+2 Version

V1.00(AAAX.1) | 5/23/2012

FCS+1 Version

V1.00(AAAX.0) | 4/20/2012

First Public Version

ZyXEL GS1910-24 V1.00(AAAX.3)C0

Release Note

Date: Apr 17/2013

This document describes the IC -VSC7426+ VSC 8512 upgrade from rev C to rev D in the GS1910-24 product for its 1.00(AAAX.3)C0 release.

Support Platforms:

ZyXEL GS1910-24 V1.00(AAAX.3)C0 supports models: ZyXEL GS1910-24

Version:

OS Version: V1.00(AAAX.3) | 3/05/2013

BootBase Version: V1.00 | 4/20/2012

Default Bootbase Setting:

OS Version	V1.00(AAAX.3) 3/14/2013
Bootbase Version	V1.00 4/20/2012
Vendor Name	ZyXEL
Product Model	GS1910-24
ZyNOS Code Model	GS1910-24

Bug Fix:

None

Enhanced Features:

None

Known Issue:

9. [MAC Table] When disable aging time, the mac address statistics might be abnormal.
10. [IGMP-Snooping] When exchange to send IGMP-snooping v2 and v3 join report, only v2 join report can work.
11. [802.1x] In 802.1x, it only support MD5 now but TLS will be supported at future release.
12. [Link Aggregation] The trunking port's PVID isn't the same as first trunking port.
13. [ARP Inspection] The ARP traffic isn't full rate when disable port mode.
14. [Guest VLAN] When client use invalid username and password to authenticate, and re-authenticate times exceed max re-auth. count and the port should enter "Guest VLAN" mode.
15. [IPv6] DUT can ping another routing domain via router while static IPv6 address set up. However, DUT sometimes can't get prefix to combine as a global IPv6 address after enable IPv6 auto configure. But DUT would not ping another routing domain if disable auto configure.
16. [Web GUI] Don't show the serial no. on Web GUI

Limitation of Settings:

12. VLAN 1Q static entry 4K
13. 802.1s instances 16
14. Guest VLAN 1
15. Static MAC entries 64
16. RADIUS server 5
17. TACACS+ server 5
18. Multicast MAC groups 1K
19. IPSG entries 256
20. Syslog server 1
21. NTPv4 server 5
22. DNS server 1

Change History:

V1.00(AAAX.3) | 3/05/2013

FCS+3 Version

V1.00(AAAX.2) | 11/09/2012

FCS+2 Version

V1.00(AAAX.1) | 5/23/2012

FCS+1 Version

V1.00(AAAX.0) | 4/20/2012

First Public Version

ZyXEL GS1910-24 V1.00(AAAX.2)C0

Release Note

Date: Dec 2, 2012

This document describes the enhanced features and fixed bugs in the GS1910-24 product for its 1.00(AAAX.2)C0 release.

Support Platforms:

ZyXEL GS1910-24 V1.00(AAAX.2)C0 supports models: ZyXEL GS1910-24

Version:

OS Version: V1.00(AAAX.2) | 11/09/2012

BootBase Version: V1.00 | 4/20/2012

Default Bootbase Setting:

OS Version	V1.00(AAAX.2) 11/09/2012
Bootbase Version	V1.00 4/20/2012
Vendor Name	ZyXEL
Product Model	GS1910-24
ZyNOS Code Model	GS1910-24

Bug Fix:

1. ARP and DHCP cannot forward to master CPU on stackable device. DUT is picking the Fall back IP after the Reboot process, when DHCP is enabled in the DUT
 2. ACL can't set frame type to IPv6
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3. The DHCP Relay can't be enabled at stacking topology
4. MAC learning issue
5. STP configuration related issue
6. STP configuration issue
7. LACP status incorrect
8. DHCP-Snooping and VLAN
9. Loop on aggregation port

Enhanced Features:

1. Loop Guard
2. Port mirroring enhancement

Known Issue:

17. [MAC Table] When disable aging time, the mac address statistics might be abnormal.
18. [IGMP-Snooping] When exchange to send IGMP-snooping v2 and v3 join report, only v2 join report can work.
19. [802.1x] In 802.1x, it only support MD5 now but TLS will be supported at future release.
20. [Link Aggregation] The trunking port's PVID isn't the same as first trunking port.
21. [ARP Inspection] The ARP traffic isn't full rate when disable port mode.
22. [Guest VLAN] When client use invalid username and password to authenticate, and re-authenticate times exceed max re-auth. count and the port should enter "Guest VLAN" mode.
23. [IPv6] DUT can ping another routing domain via router while static IPv6 address set up. However, DUT sometimes can't get prefix to combine as a global IPv6 address after enable IPv6 auto configure. But DUT would not ping another routing domain if disable auto configure.
24. [Web GUI] Don't show the serial no. on Web GUI

Limitation of Settings:

23. VLAN 1Q static entry 4K
24. 802.1s instances 16
25. Guest VLAN 1
26. Static MAC entries 64
27. RADIUS server 5

- 28. TACACS+ server 5
- 29. Multicast MAC groups 1K
- 30. IPSG entries 256
- 31. Syslog server 1
- 32. NTPv4 server 5
- 33. DNS server 1

Change History:

V1.00(AAAX.2) | 11/09/2012

FCS+2 Version

V1.00(AAAX.1) | 5/23/2012

FCS+1 Version

V1.00(AAAX.0) | 4/20/2012

First Public Version

ZyXEL GS1910-24 V1.00(AAAX.1)C0

Release Note

Date: May 23, 2012

This document describes the features in the GS1910-24 product for its 1.00(AAAX.1)C0 release.

Support Platforms:

ZyXEL GS1910-24 V1.00(AAAX.1)C0 supports models: ZyXEL GS1910-24

Version:

OS Version: V1.00(AAAX.1) | 5/23/2012

BootBase Version: V1.00 | 4/20/2012

Default Bootbase Setting:

OS Version	V1.00(AAAX.1) 5/23/2012
Bootbase Version	V1.00 4/20/2012
Vendor Name	ZyXEL
Product Model	GS1910-24
ZyNOS Code Model	GS1910-24

Bug Fix:

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1. update the QSGMII interface setting.

Enhanced Features:

None

Known Issue:

1. [MAC Table]When disable aging time, the mac address statistics might be abnormal.
2. [IGMP-Snooping] When exchange to send IGMP-snooping v2 and v3 join report, only v2 join report can work.
3. [802.1x] In 802.1x, it only support MD5 now but TLS will be supported at future release.
4. [Port-Security] Change port configuration fails of port-security.
5. [Link Aggregation] The trunking port's PVID isn't the same as first trunking port.
6. [ARP Inspection] The ARP traffic isn't full rate when disable port mode.
7. [Guest VLAN] When client use invalid username and password to authenticate, and re-authenticate times exceed max re-auth. count and the port should enter "Guest VLAN" mode.
8. [Remote Port mirroring] The destination port will receive tagged packet but the behavior is abnormal.
9. [IPv6] DUT can ping another routing domain via router while static IPv6 address set up. However, DUT sometimes can't get prefix to combine as a global IPv6 address after enable IPv6 auto configure. But DUT would not ping another routing domain if disable auto configure.

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Change History:

V1.00(AAAX.1) | 5/23/2012

FCS+1 Version

V1.00(AAAX.0) | 4/20/2012

First Public Version

ZyXEL GS1910-24 V1.00(AAAX.0)C0

Release Note

Date: April 20, 2012

This document describes the features in the GS1910-24 product for its 1.00(AAAX.0)C0 release.

Support Platforms:

ZyXEL GS1910-24 V1.00(AAAX.0)C0 supports models: ZyXEL GS1910-24

Version:

OS Version: V1.00(AAAX.0) | 4/20/2012

BootBase Version: V1.00 | 4/20/2012

Default Bootbase Setting:

ZyNOS Version	V1.00(AAAX.0) 4/20/2012
Bootbase Version	V1.00 4/20/2012
Vendor Name	ZyXEL
Product Model	GS1910-24
ZyNOS Code Model	GS1910-24

Bug Fix:

None.

Enhanced Features:

None

Known Issue:

1. [MAC Table]When disable aging time, the mac address statistics might be abnormal.
2. [IGMP-Snooping] When exchange to send IGMP-snooping v2 and v3 join report, only v2 join report can work.
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Change History:

V1.00(AAAX.0) | 4/20/2012

First Public Version