ASUS GigaX2024B Switch
Release Note 4.0.02.00

2006/8/10

GigaX2024B Release Note

Date	Firmware Release Version	BootRom Release Version	Notes
2005/12/12	3.2.02.01	3.0.1	Update
2006/7/26	4.0.02.00	3.0.2	Update

GX2024B 4.0.02.00 release

1. **Upgrade to bootrom<3.0.2> by console**

2. [Step 1] Hit any key on console to enter command mode during system startup (POST)

3. [Step 2] Set baud rate to highest speed (115200 bps) for the most efficient speedup. (Optional)

4. [Step 3] Issue command 'tftpboot filename', transfer bootrom image with tftp.

5. [Step 4] Reboot the switch by power cycle.

6. **Upgrade firmware<4.0.02.00> by console**

7. [Step 1] Hit any key on console to enter command mode during system startup (POST)

8. [Step 2] Set baud rate to highest speed (115200 bps) for the most efficient speedup. (Optional)

9. [Step 3] Issue command 'tftpboot filename', transfer firmware image with tftp.

10. **In Normal mode, use archive "download-sw /overwrite tftp: URL".**

11. **Upgrade firmware<4.0.02.00> by web** *

*Please refer to the user manual
*You can upgrade firmware in old bootrom version.

Bootrom version:

version 3.0.2

Bug fixes:
1. fixed 3.2.02.01 bugs.
2. fixed rstp bugs.
3. when you upgrade firmware in boot loader mode. If power loss, the system will be crashed. 3.0.2 fixed the problem.

Feature Enhancement:
1. add upgrade firmware by ftp.
2. add egress packets with untagged.

Known Problems:

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Bootrom version:

version 3.0.1

Bug fixes:
1. fix "show interface" problem.
2. fix dot1x guest-vlan problem.

Feature Enhancement:
1. add rmon function.

Known Problems:
1. Line protocol must be disabled when LACP is enabled. The switch has loop detect. Before LACP established, loop will be detected and the port will be shutdown by line protocol. In Interface mode, use "no line loopback" command to disable line protocol.
2. It must have login password, or SSH will login fail. Default password is null. It has some problem with SSH. Login switch by console and set password.
3. STP forward delay, max-age and hello time configure bugs. When you configure it, the function work fine. If we save it and reboot the system, the setting will lose. It is a way to configure it. For example to configure forward delay 25 seconds, max age 30 seconds and hello time 3 seconds.
   I. Download the configuration file.
   II. Edit configuration file by edit tool.
   III. Use "spanning-tree algorithm-timer 25 30 3" command and save it.
   IV. Upload the configuration file.
   V. Reboot the system.

Note: if you change any setting and save it. The setting "spanning-tree algorithm-timer 25 30 3" will be changed to "spanning-tree algorithm-timer <4-30> <6-40> <1-10>". Please repeat the steps to prevent it.
4. WRR weights to the COS queues had a bugs. When you configure it, the function work fine. If you save it and reboot the system, the setting will lose. There is a way to configure it. For example to configure queue 1 weight 1, queue 2 weight 2, queue 3 weight 3 and queue 4 weight 4. Please follow the steps:
   I. Download the configuration file.
   II. Edit configuration file by edit tool.
   III. Use "cos policy wrr-queue weight 1 2 3 4" command and save it.
   IV. Upload the configuration file.
   V. Reboot the system.

Note: if you change any setting and save it. The setting " cos policy wrr-queue weight 1 2 3 4" will be changed to " cos policy wrr-queue weight 1". Please repeat the steps to prevent it.
5. SNMP v3 excluded function has some problem. You can configure it but it can't work correctly.
6. Command "interface fa1/0/xx" has a bug. If user execute "interface fa1/0/1-12" or "interface fa1/0/1a". The command can execute and it will add a new interface. Please avoid it.
7. The command "no spanning-tree mst name" can't be executed.
8. GVRP has a bug. The timer is incorrect. It can't transmit gvrp pdu correctly. It can create vlans from partner switch but partner switch won't receive the gvrp pdu. The GVRP function will fail.
9. GUI will display wrong message in "spanning-tree current roots pages". It won't show the correct "root port" message.
10. Radius server is ACS and client is WinXP. When client pass the authentication. If you pull out and plug in the cable and re-authentication will fail. There is no problem with Win2000.