SRW224P Firmware Revision History

Image version 2.0.2.4   09/07/2009

Changes
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1.Fixed the issue with menu cli for UPnP and LLDP

2.Disabled UPnP and LLDP by default

Known Restrictions And Limitations
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1. It is suggested that screen should set to 1024*768 or higher,or else webpage will not display properly.

2. Chip limitation
   The monitoring port can do traffic monitoring only. It does not allow packets switching and monitoring function worked simultaneously.

3. Chip limitation
   RMON drop event counts when RX packet rate > rate limit or broadcast threshold.

4. Chip limitation
   Strict Priority can only be applied to Queue#3. W.R.R can be applied to Queue#0~#2.

5. Chip limitation
   When port security was enabled for a particular port, if the source MAC address of the particular packet from the secured port was already learned/set at the chip's ARL table, the switch will continue to forward the specific packet at the secured port.

6. Chip limitation
   The broadcast control threshold setting takes effect on all ports.

7. Chip limitation
   IP Precedence/DSCP/Port of traffic classification is system-wide setting.
   IP Precedence/DSCP priority enabled, the VLAN Tag priority will be disable automatically,
   Re-disable IP Precedence/DSCP priority, the VLAN Tag priority will re-enabled automatically.

8. Chip limitation
   IEEE standard specify priority mapping is per port setting. Because of the chip limitation, so the system can't do per port setting. Even CLI, WEB and SNMP are all showed per port based setting, but actually all the setting will refer to system-wide setting. In other words, no matter which port we set for COS mapping, it 's all system-wide setting even the setting is showing per port base setting.

9. MAC address aging time is about +/- 1/8 of the setting value.

10. Rate Limit=Granularity (FE: 64Kbps ,512Kbps, 1000Kbps, 3300Kbps or GE: 33300Kbps) * Level (1~255/30).
    Granularity is system-wide setting.
    Level is per port setting.

11. The firmware does not support SNTP broadcast mode (CPU process power issue).

12. The firmware does not support IEEE 802.1S, IEEE 802.1V and SNMPv3 (CPU process power issue).

13. The maximum size of the supported configuration file is 100 KB.

14. If too many control packets are sent to switch’s CPU simultaneously, some of the control packets may be lost. This is related to the limited number of buffers were allocated to the CPU and CPU process power issue.

15. Chip limitation
    May not learn all mac addresses when lots of unknown source mac address packets need learn by high communication speed.

16. Unknown multicast data can not be filtered under enable IGMP Snooping. M'cast data will be flooding to VLAN members.

17. Chip limitation
    From giga port flood jumbo frame to giga and fast Ethernet ports will result giga port receive fast Ethernet's rate.

18. MAC ACL: Configure MAC ACL “deny any any + vid”. In this vlan, unknown unicast packets will not be flooded.

19. MAC ACL: Configure MAC ACL “deny any any + vid”. All dynamic MAC entry in this VLAN will be flushed.

20. MAC ACL: Configure MAC ACL “deny any any + vid”. There allow host only be transmitter or receiver in this VLAN.

21. MAC ACL: Configure MAC ACL will be conflicted with user configured static MAC addresses.

22. DiffServ: Differserv class map set acl type must be “standard IP” or “extended IP”.

23. Port rate limit: When configure lower granularity (FE port smaller than 512Kbps or GE port smaller than 33.3Mbps) will result sub line rate for all FE or GE ports (including ports disable port rate limit function).

24. CableDiag:Giga Port cable length measurement is only a rough estimate when link is OK.

25. When saving configuration file or auto save configuration by Web GUI, If user reboot or power down the device before finish save configure,the current configuration file maybe be lost or destroyed.
    (Note:To finish save configure file to flash need about 6~60 seconds based on different configuration file size)

26. ACL is not default rule (deny any any) and if user want to configure one permit rule of the ACL, and it need to configure one “deny any any” in latest rule of the ACL.