



ES8510/ES8510-XT Firmware History (1800380)

Changes in v3.1a

- Fixed DDM SFP bug where it did not report data for a non-Control SFP.

Changes in v3.1

- Added TACACS+

Changes in v3.0

- Added CLI service netvision disable command
- Remove Java requirement

Changes in v2.7d

- Add "admin account disable when Radius connected" feature.
- Fix HTTPd memory leak

Changes from v2.7b to v2.7c

- Fixed web PVLAN configuration bug – could not edit VLAN ID more than once.
- Modified web and boot messages
- Modified web interface to match the new RocketLinux web page look
- Changed string **Factory default** to **Load default** in web page
- Keep DHCP Client and Default Gateway setting when load default configuration
- Supports PortVision DX

Changes from v2.7a to v2.7b

- Update web interface with a signed JAR file so that Java 7/Update 51 permits the web interface to open.using the Java default security settings.



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Changes from v2.6 to v2.7a

- Fixed IGMP IP subnet mask check
- Fixed invalid CLI input check ("ip route" command)
- Fixed NetVision discovery bug which caused PVdx and NetVision to display the switch as off-line after "too many" discovery queries.

KNOWN PROBLEM UPGRADING FROM v2.6:

You must update from v2.6 using TFTP and the console port or the web interface.

Changes from v2.4a to v2.6

- Fully supports the IEEE802.1x RADIUS login
 - Supports the function that uses the user account of the RADIUS server to login
 - After setting RADIUS, can use web or ssh client (Putty) to login. Users can use local admin name and password or RADIUS Servers user and password
- Limitation:** The RADIUS login through telnet does not support a login name with a space character.
- Global Configuration mode auth command added
 - Administrator Password web page supports RADIUS
 - RADIUS server ability to set authentication locally and supports a longer auth key (32 characters – max).
- Maximum VLAN support now 256
 - Changes to the command line interface (CLI):
 - Global Configuration mode: dropped these commands: access-list and mac. The following commands were added:
 - Auth: auth radius server, no auth radius server, and show auth radius
 - loop-detect: prevents broadcast loops in Layer 2 switching configurations
 - modbus: Modbus TCP/IP support
 - netvision: Support for PortVision DX
 - service: disable telnet and HTTP interfaces
 - Web page changes
 - Admin Password – Primary and secondary RADIUS server login
 - Time Settings – Change to Daylight Savings Time management
 - Port Control – Added Description column
 - Port Status – Added DDM support
 - STP Port Configuration – Added STP State column



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- MSTP Configuration – Apply button now Modify
- Redundant Ring – Added Loop Protect page
- Fault Relay:
 - Super Ring Topology changed to Ring Event
 - SFP DDM Failure changed to SFP Failure
 - Added: Loop Protection
- Web save function: pop reminder message to save changes to flash.