

FS S5800-48F4S Switch Release Note

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1. FS S5800-48F4S Switch

1.1 Introduction

The S5800-48F4S switch is high performance Ethernet switch to meet next generation Metro, Data Center and Enterprise Ethernet network requirements designed based on high-end scalable chipset with integration of Layer 2 to Layer 4 packet processing engine, traffic management and fabric interface.

1.2 Primary Features and Benefits

FS S5800-48F4S Switch offers IP Services FSOS software images.

Table 1-1: Primary Features in FSOS Software Images

| IP Services | |
|---|---|
| L2 Switching/VLAN/VLAN Classification | / |
| Static Link Aggregation/LACP STP&RSTP&MSTP/Smart Link/MLAG | OSPF/Route Map/BPR/ VRF/ BFD for Static Route & OSPF/IPv6 static routing/RIPng/OSFPv3 |
| IGMP Snooping v1&v2&v3 | IGMP v1&v2&v3/PIM-SM&SSM |
| Static IPv4 Routing/RIPv1&v2/VRP | QinQ/ERPS/G.8031/G.8032/EFM/ CFM/Y.1731 |
| ACL, QoS | / |
| Storm Control/Port Security/DHCP Snooping/IP Source Guard/ARP Inspection/ CPU Storm Protection/802.1x/ Radius | / |
| Telnet/TFTP/NTP/SSH/DNS/SNMPv1 &v2&v3/ RMON/Port & VLAN Mirror/sFlow/ WebUI | / |

2. Release Information

2.1 Hardware

The S5800-48F4S Series Switches currently includes four configurations and three uplink module.

Table 2-1: S5800-48F4S Hardware Description

| Part Number | Description |
|-------------|---|
| S5800-48F4S | <ul style="list-style-type: none"> • 48x100/1000 Base-X SFP Ethernet Port • Modular Uplink |
| NM-4SFP+ | <ul style="list-style-type: none"> • Uplink Module for S5800-48F4S Switches • 4x1G/10G SFP+ Ethernet Port |

2.2 Hardware Change

None

2.3 New Software Features

2.3.1 V3.3.54

Support Radius on management port.

Support TACACS+ on management port.

2.3.2 V3.3.53

Support 'reset factory configuration' by CLI and WebUI.

Support to configure WebUI 'timeout' timer by CLI.

Support to clear Web users by CLI.

Dox1X support more stats.

2.3.3 V3.3.45

Command line change, "service http enable/disable" control WEBUI http function, and "service https enable/disable" control WEBUI https function.

2.3.4 V3.3.43.fcs

Support WebUI/MLAG/IPv6 static routing/RIPng/OSFpv3 features.

2.4 Summary of Issues Fixed

2.4.1 V3.3.64

| CSR ID | Description Summary |
|------------|---|
| FSOS 50904 | [S5800-48F4S-system] system can't boot up with default profile. |

2.4.2 V3.3.63

| CSR ID | Description Summary |
|------------|---|
| FSOS 50746 | [S5800-48F4S-ipv6-ipsg]DHCPv6 snooping add IPSG item can't check existent ip item when expect CLI "no ip source binding entries". |

| | |
|------------|---|
| FSOS 50760 | [S5800-48F4S-ipv6-ipsg]DHCPv6 can't work with IPSG if link-local address start with fe81:: - febf:: |
|------------|---|

2.4.3 V3.3.61

| CSR ID | Description Summary |
|------------|--|
| FSOS 50314 | [S5800-48F4S-ipv6-ipsg] system should check ipv6 ip source guard entry number. |
| FSOS 50190 | [S5800-48F4S-ipv6-ipsg] system should send the packets which match dhcp sooping binding entry. |

2.4.4 V3.3.60

| CSR ID | Description Summary |
|------------|--|
| FSOS 50106 | [S5800-48F4S-ipv6-ipsg] system should support ipv6 source guard. |

2.4.5 V3.3.59

| CSR ID | Description Summary |
|------------|---|
| FSOS 47948 | [OSPF] Ospf distribute-list config lose after reboot. |
| FSOS 48072 | [OSPF NSSA]OSPF summary-address work abnormally. |

2.4.6 V3.3.58

| CSR ID | Description Summary |
|------------|--|
| FSOS 47899 | [OSPF] need support ospf nssa function |

2.4.7 V3.3.57

| CSR ID | Description Summary |
|------------|---|
| FSOS 38715 | [VPLS-MAC]switch cannot learn mac by vpls |
| FSOS 47017 | [S5800-48F4S-MPLS]VPLS cannot learn FDB |

2.4.8 V3.3.55

| CSR ID | Description Summary |
|------------|---|
| FSOS 46451 | [S5800-48F4S-OSPF] OSPF neighbor cli will be dropped after reboot |

2.4.9 V3.3.54

| CSR ID | Description Summary |
|------------|--|
| FSOS 38327 | [S5800-48F4S-LOG]the function of logging sync is invalid |
| FSOS 45622 | [S5800-48F4S-MIB] linkAggLoadBalance node can not set with dst-ip |
| FSOS 45627 | [S5800-48F4S-LLDP] lldpPortConfigTLVsTxEnable node can not set portDesc |
| FSOS 38813 | [L2 Protocol]fullmac can not config |
| FSOS 39260 | [S5800-48F4S-vlan] the cli of int range create vlan can not work |
| FSOS 45674 | [S5800-48F4S-NDP] the min interval should be display 3 seconds when config max interval 9 secs |
| FSOS 46351 | [TACACS]Need to support TACACS working on mgmt-if |

2.4.10 V3.3.53

| CSR ID | Description Summary |
|------------|---|
| FSOS 44578 | [S5800-48F4S-PBR] Http and https function should be controled separately. |
| FSOS 45188 | [S5800-48F4S-log]When logging server unreachable, that will cause CPU high. |
| FSOS 45321 | [S5800-48F4S]do no support 'Openssh' tool |
| FSOS 45375 | [S5800-48F4S-MLAG]MLAG cannot isolate some types of packet. |
| FSOS 45359 | [S5800-48F4S-SNMP]SNMP access-group do not support extend ACL. |
| FSOS 42469 | [S5800-48F4S-DHCP]DHCP-client module is instable in some special condition. |

2.4.11 V3.3.45

| CSR ID | Description Summary |
|------------|---|
| FSOS 42266 | [S5800-48F4S-http] http and https function should be controled separately. |
| FSOS 41110 | [S5800-48F4S-802.1x]Should not send out EAP-Success if user has been deny to login and state machine should mark as reject. |

2.4.12 V3.3.43.fcs

| CSR ID | Description Summary |
|------------|---|
| FSOS 40685 | [S5800-48F4S-MLAG] system print abnormal syslog when config vxlan static fdb |
| FSOS 40175 | [S5800-48F4S-L2ping]Should not flooding L2ping packets in agg members |
| FSOS 39981 | [S5800-48F4S-LLDP] LLDP port description TLV should display port description information. |
| FSOS 39333 | [S5800-48F4S-User-Management]Console port have any response after change the remote device IP |
| FSOS 39774 | [S5800-48F4S-Interface] The port description should permit 240 characters. |

2.4.13 V3.2.67.fcs

| CSR ID | Description Summary |
|------------|--|
| FSOS 37094 | [S5800-48F4S-Clock] The log timestamp did not change with the new clock set TIMEZONE |
| FSOS 37050 | [S5800-48F4S-trap] It should support config linkup or linkdown trap delay time |

2.4.14 V3.2.65.fcs

| CSR ID | Description Summary |
|------------|--|
| FSOS 36725 | [S5800-48F4S-SNMP]When ERPS or MSTP forward port change link down, the link down trap can't send to SNMP server via ethernet port. Because network topology is not stable. The linkdown\linkup trap message should be delay to send out. |

2.4.15 V3.2.62.fcs

| CSR ID | Description Summary |
|------------|---|
| FSOS 35128 | [S5800-48F4S-TRAP] It is required by Customer to modify following tap info, support " snmp-server trap loopmode" CLI. |
| FSOS 35212 | [S5800-48F4S-TRAP] The cfmErrorVlan value in cfm trap is wrong. |

2.5 Outstanding Issues

This table includes the known Critical and High severity bugs as reported by FSOS's customer base.

| CSR ID | Description Summary |
|--------|---------------------|
| | |

3. Related Documentation

3.1 Document List

- FS S5800-48F4S Switch Command instruction 《S5800-48F4S Switch CLI Reference Guide》

3.2 Obtaining Method

- Login FS official website to download the latest information.

<http://www.FS.com>

3.3 Technical Support

- Technical support E-mail: tech@fs.com