

S5800-48F4S FSOS RELEASE NOTES

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1. FS S5800-48F4S Switch

1.1 Introduction

The S5800-48F4S switch is high performance Ethernet switches 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/BGP/Route Map/PBR/ 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/VRRP	QinQ/ERPS/G.8031/G.8032/EFM/ CFM/Y.1731
ACL, QoS	/
Storm Control/Port Security/DHCP Snooping/IP Source Guard/ IPv6 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 modules.

Table2-1: S5800-48F4S Hardware Description

IP Services	
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 V3.3.72

N/A

2.3.2 V3.3.71

N/A

2.3.3 V3.3.68

Support IPv6 black hole route
Support new network types for OSPFv3
Support to configure IPv6 ACL on Line VTY

2.3.4 V3.3.66

Support multiple network types for OSPF.
Support NSSA area for OSPF.
Support IPv6 source guard.
Support 4 bytes AS number for BGP.
Support to copy files under VRF.
Support to display the ARP information of the management port.

2.3.5 V3.3.54

Support Radius on management port.
Support TACACS+ on management port.

2.3.6 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.

2.3.7 V3.3.45

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

2.3.8 V3.3.43.fcs

Support WebUI /MLAG /IPv6 static routing /RIPng /OSFPv3 features.

2.4 Summary of Issues Fixed

2.4.1 V3.3.72

CSR ID	Description Summary
FSOS 54667	10G sub card status is not correct when using specific brand of DAC.
FSOS 49491	LACP Negotiation failed when receives packets which have the all zero "actor_key" field.

2.4.2 V3.3.71

CSR ID	Description Summary
FSOS 54312	[mpls] mpls cannot work
FSOS 54431	[private mib] some of the private mib node cannot work
FSOS 54667	[system] 10G sub card using certain DAC will be wrong up

2.4.3 V3.3.68

CSR ID	Description Summary
FSOS 52054	[system] Configure QinQ on interface failed after special operations

2.4.4 V3.3.66

CSR ID	Description Summary
FSOS 46421	[system] The sequence number of IPSLA roll over after a long period of time.
FSOS 47466	[system] Summer time works abnormal in special cases.
FSOS 48788	[system] The SNMP oid 1.3.6.1.2.1.1.3.0 for "system up time" roll over after the device boot up 497 days.

2.4.5 V3.3.64

CSR ID	Description Summary
FSOS 50904	[system] system can't boot up with default profile

2.4.6 V3.3.63

CSR ID	Description Summary
FSOS 50746	[ipv6-ipsg] DHCPv6 snooping add IPSG item can't check existent ip item when expect CLI "no ip source binding entries"
FSOS 50760	[ipv6-ipsg] DHCPv6 can't work with IPSG if link-local address start with fe81:: - febf::

2.4.7 V3.3.61

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

2.4.8 V3.3.60

CSR ID	Description Summary
FSOS 50106	[ipv6-ipsg] system should support ipv6 source guard

2.4.9 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

2.4.10 V3.3.58

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

2.4.11 V3.3.57

CSR ID	Description Summary
FSOS 38715	[VPLS-MAC] switch cannot learn mac by vpls
FSOS 47017	[VPLS] VPLS cannot learn FDB

2.4.12 V3.3.55

CSR ID	Description Summary
FSOS 46451	[OSPF] OSPF neighbor cli will be dropped after reboot

2.4.13 V3.3.54

CSR ID	Description Summary
FSOS 38327	[LOG] the function of logging sync is invalid.
FSOS 45622	[MIB] linkAggLoadBalance node cannot set with dst-ip
FSOS 45627	[LLDP] lldpPortConfigTLVsTxEnable node cannot set portDesc
FSOS 38813	[L2 Protocol] fullmac cannot config
FSOS 39260	[vlan] the cli of int range create vlan cannot work
FSOS 45674	[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.

2.4.14 V3.3.53

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

2.4.15 V3.3.45

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

2.4.16 V3.3.43.fcs

CSR ID	Description Summary
FSOS 40685	[MLAG] system print abnormal syslog when config vxlan static fdb
FSOS 40175	[L2ping] Should not flooding L2ping packets in agg members

CSR ID	Description Summary
FSOS 39981	[LLDP] LLDP port description TLV should display port description information.
FSOS 39333	[User-Management] Console port have any response after change the remote device IP
FSOS 39774	[Interface] The port description should permit 240 characters.

2.4.17 V3.2.67.fcs

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

2.4.18 V3.2.65.fcs

CSR ID	Description Summary
FSOS 36725	[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.

2.4.19 V3.2.62.fcs

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



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