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Firmware Version 1.10.0P

Date: 2026/05/29

New Feature / System Release	Description
N/A	N/A
Update	Description
Port Traffic Statistics	Fixed an issue where the system would hang while displaying the output of the "show interface statistics traffic rate" command.

Firmware Version 1.10.0O

Date: 2026/05/27

New Feature / System Release	Description
Port Packet Error Statistics	Added an " Enable Rx Oversize Counter " toggle to control whether " Rx Oversize " frames are counted.
Update	Description
N/A	N/A

Firmware Version 1.10.0N

Date: 2026/05/22

New Feature / System Release	Description
N/A	N/A
Update	Description
N/A	Internal release – not for distribution Pending features and bug fixes to be completed in v1.10.0O

Firmware Version 1.10.0M

Date: 2026/05/22

New Feature / System Release	Description
N/A	N/A
Management / DHCPv4	Support DHCPv4 client recovery mechanism
Update	Description
SNMP	Updated MIB file to comply with SMIV2 standard. To comply with SMIV2 standards, the following OID paths have been



	restructured: SNMPv3 USM User Table: Relocated from .SNMPv3USMUserTable(5) to .SNMPv3USMUser(5).SNMPv3USMUserTable(1)
IP Setup / IPv6	After setting the ipv6 auto configuration setting, enable to disable and the link local address is not connected after the machine is reboot.
CLI	When multiple commands are entered consecutively, some commands may randomly fail to execute.
CLI	Commands recorded through the terminal tool may contain a random number of spaces before the line breaks (CR/LF).
LLDP	When the user configures LLDP or checks the LLDP status, system midcore will crash.
CLI	Repeatedly enabling/disabling SSH and switching between HTTP/HTTPS may randomly cause the user to be unable to access the device via Web or CLI.
MAC Limit	When MAC Limit is enabled with Sticky on a port, entering "0" causes the system to display a prompt message, but the content shown is incorrect.
WEB / FAN State	Fixed a Web UI redirection issue where timing out on the FAN State page and clicking ' Start ' or ' Refresh ' would only redirect the state table to the login page, rather than the entire screen.
SNMP	Fixed an issue where the SNMP tool displayed "3062" in the event log field.
QoS	Punting packets from Queue 1 to the CPU port may cause high CPU utilization or potential CPU overload.
Port Statistics / SNMP	Fixed an issue where incorrect data was displayed in Port Counter Rates.
SNMP Trap / System Power Down	Improved Power Down Trap reliability and resolved inconsistent MAC address resolution (ARP/Neighbor Discovery) logic for both IPv4 and IPv6 environments. Note: This fix ensures correct Source IP usage in IPv6 and maintains stable ARP table updates to guarantee successful Power Down Trap delivery.
CLI	Resolved a CLI crash by updating the "no" command's unique identifier length to 2, preventing accidental disconnections from incomplete "n" inputs.



Firmware Version 1.10.0L

Date: 2024/12/23

New Feature / System Release	Description
Uplink Redundancy	Add related blocking mechanism of setting different redundancy protocol at the same time on All UIs. (e.g. LACP, Port Trunking, RSTP, Loop Detection, Fast Ringv2, 802.1X and Uplink Redundancy)
Update	Description
N/A	N/A

Firmware Version 1.10.0K

Date: 2024/12/16

New Feature / System Release	Description
N/A	N/A
Update	Description
N/A	Internal release – not for distribution Pending features and bug fixes to be completed in v1.10.0L

Firmware Version 1.10.0J

Date: 2024/12/12

New Feature / System Release	Description
Uplink Redundancy	<ol style="list-style-type: none">1. Extend "Uplink Change Timer" to 1-300 seconds.2. Separate parameter "Uplink Change Timer"<ul style="list-style-type: none">■ Uplink Redundancy to Backup Timer■ Uplink Recovery to Master Timer3. Modify backup port behavior from shutdown to block state.4. Display Master and Backup port state on different field of page "Uplink Redundancy Status".
Update	Description
N/A	N/A

Firmware Version 1.10.0I

Date: 2024/11/15

New Feature / System Release	Description
SSH	Update Dropbear version to 2017.



Update	Description
L2PT	Decapsulation of double tagged packet to VLAN tunnel port is incorrect that inner tag is 4 bytes shifted.
VLAN / Dot1q-Tunnel	Parameter "EtherType" can't be change.

Firmware Version 1.10.0H

Date: 2024/09/27

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN / CLI	After restore partial configure, apply a trunk-vlan on an interface and enter "show vlan", it will lost interface trunk-vlan log.
Uplink Redundancy	When uplink redundancy function is turned off, the redundant (backup) port still is disabled (shutdown) state.

Firmware Version 1.10.0G

Date: 2024/09/20

New Feature / System Release	Description
Uplink Redundancy	Support new function "Uplink Redundancy". 5. Master and Backup Port for redundancy. 6. Role "Client" Port(s) will follow uplink port state to link down/up.
SSH	Modify Dropbear version from 0.53 to 2017.
Update	Description
QoS	QoS improvement: 1. [CLI] Modify parameters' naming of content of specific command "show qos <cr>". 2. [CLI] Information of "User Priority" move to specific command "show qos interface <cr>".
System / CLI	Set ACL IPv6 entry with a long IPv6 address and prefix 128, then enter "show running-config" will cause all CLI disconnect.
LACP	LACP packet carries actor system priority 0 which does not match expected default value 32768.
System / CLI	When polled using SSH (TCP connection, login, and logout) the switch will stop responding to login requests after a couple of days.
Switch Monitor / VLAN Table	Set specific VLAN configure will cause VLAN Table display wrong. (Not affect behavior)



DHCP Auto-Provision	Support judgement dhcpv6 packet include single or multiple option 17.
System / SNMP	To polling device via SNMP but device SNMP service is disabled, then will cause system memory-leak.
System / Restore Configuration	Speed up of restore configuration.
CLI / show difference configuration	<p>After restore partial configure, apply a trunk-vlan twice on an interface and enter "show run", it will lost the trunk-vlan id of first command.</p> <p>Notice!! Because without support to restore partial configure. If you restore it, the commands (parameters) without list on the file, all will be change to default value. Therefore, please to use full configuration file for restore.</p>

Firmware Version 1.10.0F

Date: 2023/11/29

New Feature / System Release	Description
N/A	N/A
Update	Description
User Account	When clicks the password field for edit via web, the content of the field should be cleared.
CLI	CLI will stuck when enter much times "show log <cr>".
SNMP	Execute snmpbulkwalk will cause device SNMP crash.
DHCP Snooping	Unexpected DHCP packet with wrong format will crash DHCP process.
802.1X	DUT can't complete authentication process with TLS mechanism.

Firmware Version 1.10.0E

Date: 2022/08/09

New Feature / System Release	Description
N/A	N/A
Update	Description
User Privilege	Modify user account level "Read-Only" of CLI, it cannot enter to configure layer.
System / CLI	Double click "Tab" for auto fill up, if related parameters over 3 counts, then sometime will fill up wrong word.

Firmware Version 1.10.0D

Date: 2022/07/29

New Feature / System Release	Description
System Information	System "Hostname" support can input 64 character.
System / CLI	<p>Update CLI "Tab" behavior.</p> <p>First click "Tab" for auto fill up the command, after fill up done then click "Tab" again for list related commands.</p> <p>Example:</p> <pre>FOS(config)# sw [TAB#1] FOS(config)# switch [TAB#1] FOS(config)# switch [TAB#2] switch switch-info FOS(config)# switch</pre>
Update	Description
System / All port status	<p>All ports status will display incorrectly after DUT works for some days, even though in actuality ports are all well connected and linked.</p> <p>[Notice]</p> <p>A workaround is used to fix this issue, so when the issue happens, all port status can display correctly, but local event log messages still will be auto cleared by the system, and be recorded again!</p>
QoS Remarking	DSCP Remarking will keep previous behavior even it has been modified.
SNMPv3	Use WEB page modify SNMPv3 USM configuration does not clean password field and set unsuccessful.
CLI	<p>Input "show ip igmp filter" and "show ip igmp filter interface x" via CLI will find the error string.</p> <ol style="list-style-type: none"> "Filter" instead of "Filitr" "Profile" instead of "Prifole"
WEB	WEB GUI IGMP/MLD Filtering page display wrong character of title. "Filter" instead of "Filitr".
System / CLI	Cannot enter commands with "LF" jumpline format via SSH and Telnet.

Firmware Version 1.10.0C

Date: 2021/11/16

New Feature / System Release	Description
N/A	N/A
Update	Description
TACACS+ / Secret Key	TACACS+ secret key cannot input symbol directly, it need add two symbol " on before and after the wanted symbol.

Firmware Version 1.10.0B

Date: 2021/10/19

New Feature / System Release	Description
DHCPv6 Snooping / Relay Agent	Fixed that when DHCP server port receive DHCPv6 relay-reply and forward to client, behind of the packet will redundancy 4 byte 0.
Update	Description
Syslog Configuration / Terminal History	Fixed that when terminal length set as 0, "show acl <cr>" still not display all information at one time.

Firmware Version 1.10.0A

Date: 2021/10/15

New Feature / System Release	Description
Syslog Configuration / Terminal History	Modify Terminal Length behavior can support below functions related display commands: ACL, ARP, interface, IP Address, IP Source Guard, Log, SFP, LACP, DHCP Snooping, Dot1x, IGMP/MLD Snooping, L2PT, LLDP, Loop Detection, MAC Address, PPPoE-IA, QoS, MAC Limiter, Storm Control, SNMP, RSTP, VLAN
DHCPv6 Snooping / Relay Agent / Option 18	Support DHCPv6 Snooping option 18 (Interface-ID).
Update	Description
Static MAC Table	Fixed that when create several static MAC entry, then set one of entry to another forward port, will cause some entry disappear.
LACP	Fixed that another side device will get LACP flap if FOS enable LACP function and aggregated successful.
DHCPv6 Snooping / Relay Agent / Option 37	Fixed DHCPv6 snooping option 37(Remote-ID) will take incorrect value.

Firmware Version 1.10.09

Date: 2021/08/18

New Feature / System Release	Description
System	Support new chipset (H/W).
CLI	Support new command for check bootloader version: FOS-3128# show bootloader-info <cr>
Update	Description
N/A	N/A

Firmware Version 1.10.08

Date: 2021/07/27

New Feature / System Release	Description
N/A	N/A
Update	Description
Firmware Copy	Fixed that when do FW copy via SNMP, the upgraded FW version still display old FW version.
MAC Address Table / LLDP	Modify LLDP packet will not be learnt on MAC address table, and it will not be dropped by RSTP/Fast Ringv2 blocked port.

Firmware Version 1.10.07

Date: 2021/06/25

New Feature / System Release	Description
N/A	N/A
Update	Description
System Information	Add power status “N/A” of type and state on WEB GUI.

Firmware Version 1.10.06

Date: 2021/04/28

New Feature / System Release	Description
N/A	N/A
Update	Description
DHCP	When DHCPv6 client get IP, and then disable IPv6, DUT should send out release packet, but actually not.
DHCP	When DHCP client get IP, and disable IPv4, DUT may not send out

	release packet and always get IP again.
System	When the user executes the firmware copy, the fw_md5_chk.x file is still the md5 of the old firmware.
System	The distance on the SFP port information page shows an incorrect value. (Special SFP, SFP-31FC, LCS/1.25G/MM550m/85nm/D/T)

Firmware Version 1.10.05

Date: 2020/12/28

New Feature / System Release	Description
Port Link Flap Log	Support can get the port flap counter for all ports at one time.
Update	Description
Rapid Spanning Tree / RSTP Switch Settings	Modify RSTP Default value and config rules. < Original > <ul style="list-style-type: none"> ● RSTP default parameter: Max Age = 6, Hello Time = 1, Forward Delay = 4. ● Max Age Range is 6-200. ● Without config rule. < New > <ul style="list-style-type: none"> ● RSTP default parameter: Max Age = 20, Hello Time = 2, Forward Delay = 15. ● Max Age Range is 6-40. ● New config rule : <ul style="list-style-type: none"> ➢ $2 * (\text{Forward_Delay} - 1.0 \text{ seconds}) \geq \text{Max_Age}$ ➢ $\text{Max_Age} \geq 2 * (\text{Hello_Time} + 1.0 \text{ seconds})$
CPU and Memory Statistics / Threshold of Memory	Modify "Memory free low than 15% time schedule" option should be avoid to setting the same o'clock.
CPU and Memory Statistics / Threshold of Memory / SNMP	Fixed that when use SNMP "public" community to modify "memory free low than 15%" setting, but it will successful. (Should cannot, only admin level can be setting)
Fast Redundancy Status	Fixed that when active NTP function and topology had changed, on page "Fast Redundancy Status" topology change time's "Last Change Time" will display wrong.
Network Management / IPv6	Modify that when set IPv6 link-local or global address via web UI, if without input prefix length, system will auto use 64 instead 0.
System / LLDP	Fixed that when two FOS-3128(DUT#1,2) connected together, after DUT#1 enabled ipv6 and LLDP function (port 1), when DUT#2



	received the LLDP packets and it will cause DUT#2's LLDP function crash.
Restore configuration	Speed up when doing restore configuration with much VLAN IDs.

Firmware Version 1.10.04

Date: 2020/07/20

New Feature / System Release	Description
Threshold of Memory	Support Threshold of Memory, when less than threshold will send alarm or reboot device.
Update	Description
N/A	N/A

Firmware Version 1.10.03

Date: 2020/07/16

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN Configuration / VLAN Translation	Fixed that when create a VLAN translation entry via SNMP, if port of the entry set port1 will not check port1 VLAN mode.

Firmware Version 1.10.02

Date: 2020/07/10

New Feature / System Release	Description
N/A	N/A
Update	Description
Syslog Server	Fixed that when 2 DNS server active/inactive/active then will cause syslog cannot send related message.
Syslog Server	Fixed that syslog server will stuck when use CLI command add and delete vlan translation rule about three times.

Firmware Version 1.10.01

Date: 2020/07/06

New Feature / System Release	Description
N/A	N/A
Update	Description
Regulate FAN Alarm	Fixed that when disabled "Regulate Alarm", other fields should be cannot set.
SNMP / VLAN	Fixed that when set VLAN group to 1-4094 and will get specific SNMP OID failed (swh8021QTagVLAN, swh8021QTrunkVLAN).
SNMP / VLAN	To not display the specific VLAN IDs on table if not created yet.
Syslog Server	Fixed that syslog server will crash when syslog enable terminal history and then trigger messages many times.
Syslog Server	Fixed that syslog not show complete warm-reload message.
System / CPU Loading	Fixed that when enable syslog server and set syslog server IP and run port link down/up script then will cause CPU loading become busy.

Firmware Version 1.10.00

Date: 2020/06/11

New Feature / System Release	Description
Restore Configuration	"Restore configure file" can understand 'Unix', 'MAC' and 'Windows' format of jump line. (Before only can understand 'Unix' and 'Windows')
Firmware Upgrade	New HW chipset cannot downgrade firmware version to old one. (1.00.00 ~ 1.00.29)
Regulate FAN Alarm	Support new feature "Regulate FAN Alarm". Avoid the threshold meets low/high/low/high/... situation and to send much FAN alarm messages out.
SNMP / Public MIB "dot1dTpFdTable"	Support Public MIB "dot1dTpFdbTable".
Update	Description
Security Configuration / MAC Limiters	Modify when MAC limit action was drop, at this moment the status will display "--", not "Unlocked".
HW Reset button	Modify behavior of Reset Button (Status LED): [Original] [0~5 sec] Green light : No action



	<p>[5~13 sec] Orange light : Reboot</p> <p>[13~20 sec] Orange light with blinking (0.5 sec on / 0.5 sec off) : Reset to supplier default</p> <p>[20~ sec] Orange light with blinking (0.1 sec on / 0.1 sec off) : Reset to factory default</p> <p>[New]</p> <p>[0~5 sec] Green light : No action</p> <p>[5~10 sec] Orange light : Reboot</p> <p>[10~20 sec] Orange light with blinking (0.5 sec on / 0.5 sec off) : Reset to factory default</p> <p>[20~ sec] Orange light with blinking (0.1 sec on / 0.1 sec off) : Reset to supplier default</p>
MAC Address Management / Static MAC Table / Sticky MAC	Fixed that when any three ports learning full sticky mac address, then change any one port VLAN mode from Access to Trunk, then will cause DUT reboot.
MAC Address Management / Static MAC Table / Sticky MAC	Fixed that the locked sticky MAC port will be unlocked by change other ports' option of action.
Security Configuration / Storm Control	After the storm control is triggered to cause shutdown and then to change the action from shutdown to drop, the port will be unlocked.
Port Link Flap Log	Fixed that port link flap log display wrong at default configure.
Syslog Server / DNS	Fixed that syslog server if set address with URL method, it will keep the first time IP address from DNS server, even DNS reply the new one.
VLAN / CLI	Fixed that when input "show vlan" via CLI, will find the Dot1q tunnel ether type have too more special symbol ":".
Syslog Server / CLI	Fixed that when input "no syslog server1" via CLI, server address will become empty, should be 0.0.0.0.
NTP / CLI	Fixed that when input "no ntp server1" via CLI, server address will become empty, should be 0.0.0.0.
ACL	Fixed that when set ACL rate limit from 1 to 15 via CLI, DUT will not pop fail message.
IGMP Snooping	Fixed that when input "no ip igmp snooping query-interval" will cause the value become to 100, the default value should be 125.
SFP Port Threshold Configuration	Fixed that SFP port threshold "Voltage" value display in web UI do not exact.
MAC address table	Fixed that when input "show mac static-mac all(or interface)", when total input over 13 times will cause CLI and web UI disconnect.



Link Aggregation / Port Trunking	Fixed that when input port trunking group name include symbol ",", it will cause the character behind the symbol has disappeared.
VLAN Configuration / VLAN Translation	Fixed that when input VLAN translation name include symbol ',', it will cause the settings incorrect.
IGMP Snooping / IPMC Profile	Fixed that when input "ip igmp filter profile x" in interface layer via CLI will be failed and also do restore config will not successful.
Static Multicast Configuration	Fixed that the table can input IPv6 multicast IP, should be cannot.
Syslog Server	Fixed that when DUT boot up, if one of syslog server receive DNS response, but other two don't received, may cause some syslog missing.
DNS	Fixed that when syslog or trap address set by domain name, will cause syslog/trap show event interval become long.
Syslog Server	Fixed that sometime not received "Device is going down Now!" syslog.
LLDP	Fixed that LLDP cannot display port description.
DHCP Snooping	Fixed that when received the DHCP packet (BOOTP option with length 254), it will cause DHCP snooping function busy in infinite loop.
IP Source Binding	Fixed that when set IP source binding with IPv6 multicast via web UI will be not successful, but don't pop error message.
DHCP Snooping	Fixed that when enable DHCP snooping and received illegal DHCP packets, then will cause DUT reboot.
System / Memory	Fixed that when the interface link down then link up, it will make internal system wrong and cause memory leak.
VLAN Configuration / VLAN Translation	Fixed that when VLAN Translation rules are full, CLI pop up tip words is not correctly.
Front Console LED	<p>Modify behavior as below:</p> <p>[During device boot-up]</p> <p>Connected console port:</p> <ul style="list-style-type: none">Enabled terminal window – Light OffDisabled terminal window – Light Off <p>Disconnected console port:</p> <ul style="list-style-type: none">Light Off <p>[After device boot-up ready]</p> <p>Connected console port:</p> <ul style="list-style-type: none">Enabled terminal window – Green LightDisabled terminal window – Light Off <p>Disconnected console port:</p> <ul style="list-style-type: none">Light Off

Firmware Version 1.00.29

Date: 2019/06/20

New Feature / System Release	Description
N/A	N/A
Update	Description
DNS / IPv6	Fixed that when DUT use IPv6 address send DNS query for NTP server, but may not work. (DUT will not query for IPv6 address)
DNS	Fixed that when DNS query polling interval will lost one query for last DNS server IP address.
SNMP Trap Destination	Fixed that when DUT's CPU usage will show 100% after reset default.

Firmware Version 1.00.28

Date: 2019/05/31

New Feature / System Release	Description
Fast Ring / Status	Support below items: 1. Auto refresh button 2. Topology Change Status 3. Fast Redundancy Statistics
SNMPv3	Support SNMPv3 function.
CLI	SSH and Telnet can use at the same time. (each Maximum session is 5)
Warm Reload	Support Warm Reload feature. Condition: 1. Up Time 2. Ping
Update	Description
DNS	Support "DNS Server" settings of IPv4 and IPv6 both are can set 3 rules.
MAC Limiter	Modify MAC-limit max range from 0-50 to 1-50.
Sticky MAC Address	Fixed that when enable and learn some sticky mac, manual to input new static mac will cause other sticky mac auto change to manual.
SNMP Trap Destination	Fixed that when SNMP trap destination set a URL, but DUT will not send out DNS query packet.
DNS	Fixed that when DUT send DNS query and receive response, when the time to live is up, DUT still keep the IP will not resend DNS query.
IP Source Binding	Fixed that when enabled "IP Source Binding" will cause SSH cannot access to DUT.



Firmware Version 1.00.27

Date: 2019/05/06

New Feature / System Release	Description
N/A	N/A
Update	Description
System / Memory	Fixed that when change any configuration, it will occupy flash more and more then cause system reboot.

Firmware Version 1.00.26

Date: 2019/05/03

New Feature / System Release	Description
N/A	N/A
Update	Description
System / Memory	Fixed that when change any configuration, it will occupy flash more and more then cause system reboot.

Firmware Version 1.00.25

Date: 2019/04/30

New Feature / System Release	Description
N/A	N/A
Update	Description
System	Fixed that when working around 36~40 hrs will cause out of memory then auto reboot.

Firmware Version 1.00.24

Date: 2019/04/24

New Feature / System Release	Description
N/A	N/A
Update	Description



SFP Threshold	Fixed that when value over or below the threshold value no change red color.
SFP Threshold	Fixed that when high threshold set equal or under low threshold's value, will show message, but the message is wrong.
Network Configuration / IPv6	Fixed that when dhcp6c (wide-dhcpv6) get old DUID file in initialization phase.

Firmware Version 1.00.23

Date: 2019/04/22

New Feature / System Release	Description
N/A	N/A
Update	Description
Network Configuration / IPv6	Fixed that IPv6 DUID display wrong.
Network Configuration / IPv6 / SNMP	Fixed that can't display DUID via SNMP.
Port Packet Error Statistics / SNMP	Fixed that page "Port Packet Error Statistics (Rate/Event)" not have parameter "TX Dropped Frames" via SNMP.
SFP Threshold	Fixed that when value over or below the threshold value no change red color.
SFP Threshold	Fixed that when high threshold set equal or under low threshold's value, will show message, but the message is wrong.

Firmware Version 1.00.22

Date: 2019/04/12

New Feature / System Release	Description
SFP Threshold	To support low and high threshold of SFP DMI and related alarm message.
Syslog message	When user reboot, login and logout will take user IP address and user account for record.
System	To support CPU Loading(Usage %).
Update	Description
Session / SSH & Telnet	Modify Telnet & SSH maximum session to 5.
Port Link Flap Log	Add new 5 parameters – Local Time, Total Port Flaps counter, When Flapped, Status Duration and SFP RX Power(dBm).



Port Packet Error Statistics	Rename "RX Oversize Frames" to "RX Oversize(1518 Bytes) Frames".
System Information / Host Name	Fixed that when someone user already login, then at the same time have the other one user to modify "Host Name", then old login one user still keep old "Host Name".
Network Configuration / IPv6	Fixed that IPv6 DUID do not display.
Event Log	Fixed that MAC limits threshold message's event field was incorrect.
System	Fixed that when enabled IGMP Snooping, it will affect system cannot response ARP request with "ff:ff:ff:ff:ff:ff" format.
System / CLI	Fixed that when input "user name test" & "exit" with 14 times, then CLI will hang.

Firmware Version 1.00.21

Date: 2019/03/06

New Feature / System Release	Description
N/A	N/A
Update	Description
Storm Control	Fixed that storm control burst size will cause storm control delay to trigger the action.
Port Link Flap	Fixed when DUT boot-up, however copper or fiber port, both has one link flap log "Fiber is disconnected".
HTTPS / IP Source Binding	Fixed that enable IP source binding and HTTPS will cause user cannot access DUT via web UI.

Firmware Version 1.00.20

Date: 2019/03/04

New Feature / System Release	Description
N/A	N/A
Update	Description
DNS	Fixed when IPv4/IPv6 attain DNS set to auto mode, will not get DNS server IP via CLI and SNMP.
DNS / WEB	Fixed that use WEB page to setting DNS2 address but result will show on DNS1.
DNS	Fixed that cannot get or set URL to NTP server, syslog server, and trap destination via SNMP.



Port Link Flap	Fixed when change port state, the OID ifLastChange will display incorrect value.
Port Link Flap	Fixed that Link flap threshold message was incorrect.
VLAN Translation	Fixed that VLAN translation can't work when DHCP snooping enable with DHCP mode.
Event Log / SNMP	Fixed that get event log via SNMP, about storm control threshold message's event field was incorrect.

Firmware Version 1.00.1Z

Date: 2019/02/02

New Feature / System Release	Description
Storm Control	1. Support per port to setting. 2. Add action(drop/shutdown) for per port.
HTTPS	WEB management support HTTPS method.
DNS	Support DNS feature.
Update	Description
System / WEB	Modify all features' enable/disable to "Pull-down" method.
System / WEB	Rename all "Update" button to "Refresh".
Port Link Flap	Modify public OID "ifLastChange" count behavior
Port Link Flap	Modify calculation rules of alarm message (modify to port link down or port link up both are will calculation once).
Port Link Flap	Modify default value of Link Flap Threshold (from 3 to 6)
System	Fixed when DHCP mode do warm reboot DUT from all UIs, can't send "The system is going down NOW!" syslog message out.
SFP Information	Fixed that after system boot-up, SFP plug off/on will random display error content.
LLDP	Fixed that device will send incorrect management IP address if DUT in DHCP mode.

Firmware Version 1.00.1Y

Date: 2019/01/03

New Feature / System Release	Description
System	Add alarm message for "System Power Up" & "System Up".
Update	Description



Link Aggregation	Fixed that WEB page link aggregation distribution rule item arrangement does not match CLI and SNMP.
System	Fixed when reboot DUT from all UIs, will not send "system will going down now" syslog message.
LLDP	Fixed when setup LLDP then save and reboot, the LLDP function will not work.
SFP Information	Modify the SFP State unit of TX/RX Power display, from dbm to dBm.
SFP Information	Modify the Voltage unit should be show "V" only but in SNMP SFP state page showing "mV".

Firmware Version 1.00.1X

Date: 2018/12/17

New Feature / System Release	Description
N/A	N/A
Update	Description
SFP DMI	Fixed that the SFP information will show wrong message issue.

Firmware Version 1.00.1W

Date: 2018/11/27

New Feature / System Release	Description
N/A	N/A
Update	Description
SNMP	Fixed that the time of LastChange is wrong issue.

Firmware Version 1.00.1V

Date: 2018/11/23

New Feature / System Release	Description
N/A	N/A
Update	Description
Port Link Flap	Fixed that the Port Link Flap function can't work fine issue.
Fast Ring v2	Fixed that the Fast Ring v2 function can't work fine issue.

Firmware Version 1.00.1U

Date: 2018/11/21

New Feature / System Release	Description
Fast Ring	Support Fast Ring v2 function.
CLI	Support that CLI can show static MAC configuration by specified port.
System	Support that FW Image can "Copy current running image to backup image".
Port Link Flap	Support Port Link Flap function.
Update	Description
MAC	Fixed that the WEB page will become blank issue when adding dynamic MAC to static MAC via WEB.
Telnet	Fixed that the Telnet and SSH function can't work fine issue.

Firmware Version 1.00.1T

Date: 2018/10/01

New Feature / System Release	Description
N/A	N/A
Update	Description
Sticky MAC	Fixed that the sticky MAC function can't work fine issue.

Firmware Version 1.00.1S

Date: 2018/09/27

New Feature / System Release	Description
N/A	N/A
Update	Description
WEB	Fixed that the WEB will not pop "Settings changed, still not saved." Message after adding new sticky MAC to static MAC.
Sticky MAC	Fixed that the sticky MAC function can't work fine issue.
MAC	Fixed that after upgrading firmware, it will only reserve first 50 entries static MAC configuration.

Firmware Version 1.00.1R

Date: 2018/09/20

New Feature / System Release	Description
MAC	Added "Sticky MAC Address" feature.
Update	Description
QoS	Fixed that Rate-limit of QoS is not working while DHCP Snooping is enabled.
LLDP	Fixed that the LLDP function can't handle the L2PT packets issue.
DHCP	Modified that if DHCP auto recycle disable then use CLI to set DHCP recycle should not reply "OK" message.

Firmware Version 1.00.1Q

Date: 2018/03/28

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN Translation	All UI remove VLAN Translation "Priority" parameter. (No support)
VLAN Translation	Modify CLI commands from "translated-vid" to "mapped-vid"
Event Log	Fixed that when access from console port(RS-232) then event log IP address will display incorrectly.
Port Configure	Unified port configure parameters' word to display same words.
SNMP / Port Counter	Fixed that SNMP cannot get Port counter.
Link Aggregation	Fixed that LAG Group prompt can set total 16 groups, should be 14. (28 ports)
VLAN / VLAN Name	Modify when type commands "FOS-3128(config-vlan-777)# no name <cr>" the VLAN name of default value will from empty to "VLANxxxx". (system will auto provide)
VLAN Table	Modify VLAN Table – If no member port on this VLAN, this VLAN still will display on VLAN table.
System	Fixed that when type commands "show mac address-table interface" but forgot to add port number, then CLI session will cut.
CLI /show	Fixed that type commands "show running-config" VLAN mapping rule will display wrong.
System	Add detect mechanism that when threshold interval fill "a", system will



	pop up error message.
System	Fixed that when do IPv6 function disable then enable continuously over 20 times, will randomly cause DUT cannot be access anymore.
SNMP / User Authentication	Modify when use SNMP to enable RADIUS or TACACS it can automatically disable the other one.
System	Fixed that when type commands: "reload aaa" will cause system reboot.
VLAN Translation	<p>Update when VLAN Mapping setting wrong then will pop corresponding information:</p> <ul style="list-style-type: none"> - [name/ Max characters - 32] @! FAIL! Invalid input! The length of name is over 32 characters! - [interface parameter wrong] @! FAIL! Invalid input! The value of interface is error! - [VLAN ID parameter wrong] @! FAIL! Invalid input! The value of original-vid is error! - [VLAN ID parameter wrong] @! FAIL! Invalid input! The value of mapped-vid is error! - [P-bit parameter wrong] @! FAIL! Invalid input! The value of priority is error! - [original-vid & mapped-vid cannot be the same] @! FAIL! Invalid input! Mapped-vid cannot be the same as original-vid! - [name / Cannot set same with other rule's] @! FAIL! Invalid input! Duplicated name! - [Create rules over Maximum] @! FAIL! Invalid input! Entry is full!
VLAN Translation	Define that on the same one port only can set one original-vid rule.
Restore Configure	Fixed that after restore configure done, even no set QoS DSCP remarking, when type commands "show running-config" the related QoS part still will display.

Firmware Version 1.00.1N

Date: 2018/03/14

New Feature / System Release	Description
N/A	N/A
Update	Description
DHCP Auto Recycle	Fixed that on specific steps will not send DHCP release packet out successfully. (shut down multiple ports at the same time then one by one



	port to no shut down)
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Firmware Version 1.00.1M

Date: 2018/03/13

New Feature / System Release	Description
N/A	N/A
Update	Description
DHCP Auto Recycle	Modify all UI of DHCP recycle function description "DHCP Recycle" to "IPv4 DHCP Recycle".
VLAN Translation	Fixed that cannot add first rule with (Port = 1, Original VID = 1, Translated VID = 2).
Backup Configure	Fixed that backup configure file was wrong.
Restore Configure / LACP	Fixed that LACP setting cannot restore successfully.

Firmware Version 1.00.1L

Date: 2018/03/09

New Feature / System Release	Description
DHCP Auto Recycle	Support DHCP auto recycle feature. [Behavior] When port status change from link up → link down → link up then send DHCP release package and discover package.
CLI / show	Support ARP Table. show arp <cr>
Update	Description
NTP	Fixed that when daylight saving time setting on date the 1 day 14:00- 1 day 16:00, it does not work.
CLI / show	Fixed that when CLI type commands: "sh run int" DUT will automatically terminate the telnet connection.
CLI / show	Fixed that "show running-config" display incorrect value.
CLI / format	Keep "channel-group lacp <cr>" still use old configure format, because this feature one group must have two ports.
CLI / show	Fixed that when type commands "show l2protocol-tunnel clear <cr> ?" then still prompt can type "clear" situation.

Firmware Version 1.00.1K

Date: 2018/02/08

New Feature / System Release	Description
CLI / show running-config show default-config show start-up-config	CLI "show ... config" support can search with for the specific word. show default-config include [string] <cr> show running-config <cr> (display diff-config) show running-config include [string] <cr> show running-config full <cr> (display full config) show running-config full include [string] <cr> show running-config interface [port-list] <cr> (display diff-config) show running-config interface [port-list] include [string] <cr> show start-up-config <cr> (display diff-config) show start-up-config include [string] <cr>
Update	Description
CLI / show running-config	Modify CLI show running configure format and only display the difference with default configure setting.
Restore Configure / Speed Up	Modify restore config behavior – First stage will configure all parameters then enable/apply in the same time.
Restore Configure / System Information	Fixed that when restore configure, the company name will display empty.

Firmware Version 1.00.1J

Date: 2018/02/0J

New Feature / System Release	Description
N/A	N/A
Update	Description
Trap	Modified that CPU temperature continuous alarm can't work.

Firmware Version 1.00.1I

Date: 2018/02/06

New Feature / System Release	Description
N/A	N/A



Update	Description
SNMP	Added that to show CPU temperature in SNMP system information.
Port Counter	Fixed that port counter rate not work.

Firmware Version 1.00.1H

Date: 2018/02/01

New Feature / System Release	Description
N/A	N/A
Update	Description
Trap	Modified that CPU temperature send trap behavior issue.
CLI	Modified that when FW name over than 10 words, there is garbled text when typing "show config".

Firmware Version 1.00.1G

Date: 2018/01/31

New Feature / System Release	Description
WEB	Added that support CPU temperature function and alarm message.
SNMP	Added that SNMP polling if set 2secs one time, sometime cannot get value and get burst value(max 100mbps, but can get 288mbps), cannot get real time.
Update	Description
SNMP	Modified that when using snmpc to assign management vlan, after press set, snmp will pop unsuccessful. But, actually set success.

Firmware Version 1.00.1F

Date: 2018/01/10

New Feature / System Release	Description
N/A	N/A
Update	Description
WEB	Modified that WEB will automatically change to login page when logout from WEB page.
WEB	Modified that WEB will automatically change URL when change the ip address.
L2PT	Fixed that when enable a port for VTP and not CDP of L2PT. The port can still receive the CDP packets and transfer them to L2PT.



RSTP	Fixed that RSTP could not block the L2PT packets.
CLI	Fixed that the port number for VLAN translation starts from 0 issue.

Firmware Version 1.00.1E

Date: 2018/01/05

New Feature / System Release	Description
N/A	N/A
Update	Description
L2PT	Fixed that after save and reboot DUT then L2PT does not set config to RSTP and LLDP.
Auto Backup	Fixed that the tftp auto-backup shows incorrect messages in "file name" and "backup state" fields if the tftp server IP does not exist.

Firmware Version 1.00.1D

Date: 2018/01/02

New Feature / System Release	Description
N/A	N/A
Update	Description
Trap	Modify default config of CPU trap threshold value to 850.
L2PT	Fixed that unless the port under test is stp tunnel port, the function would not work.
Syslog	Fixed that when auto backup successfully, syslog sent the wrong message.

Firmware Version 1.00.1C

Date: 2017/12/28

New Feature / System Release	Description
MAC	Added that MAC address table can search more ports at the same time.
Log	Added Mal-attempt Log configuration.
VLAN	Added VLAN translation.
VLAN table	Added that to support show VLAN table without member, port and VID.



Update	Description
Ping	Fixed that when using ping function, sometime press CTRL+C cannot success to stop ping, need wait all counts finish.
Ping	Fixed that ping function can't be work fine.
Console	Fixed that the default value isn't the same with CTS default value when type "no management console block-time".
VLAN	Fixed that when adding new VLAN name, it can be the same VLAN name as other VLAN.
Auto Backup	Fixed that the auto backup can't work fine.
Traceroute	Modified traceroute option command.
SSH	Fixed that when access switch by SSH, it will take long time to wait ask first page (around 6 ~ more than 10 secs)
Syslog	Fixed that when DUT get time from ntp server, it can't sent out the message as syslog.
SNMP	Fixed that when setting IPv6 link-local address and global-address prefix =64, but the prefix will be changed to zero.

Firmware Version 1.00.1B

Date: 2017/11/23

New Feature / System Release	Description
L2PT	Release L2PT function.
Update	Description
Security / Console	Fixed that when set management console fail retry times via CLI, if input value between 11 to 1440 will not pop fail message.
Security / Console	Fixed that when console login fail block time not inaccurate situation.
Security / Console	Fixed that when over failed retry times then send syslog to server, but the message was wrong.
Ping	Fixed that when using ping function, sometime press CTRL+C cannot success to stop ping, need wait all counts finish.
Ping / Prompt	Fixed that when press question mark after command "ping 1.1.1.1 -s [1-99] -t [1-99]" and will pop "Invalid Input" message situation.
Ping / Parameter	Modify ping function parameter -r(repeat) to -c(count).
Ping / Parameter	Remove ping function parameter -t(timeout) (chipset not support).
MAC address table / Prompt	Modify prompt of "show mac address-table mac" to [xx:xx:xx:xx:xx:xx] Specify MAC address.

Firmware Version 1.00.1A

Date: 2017/11/14

New Feature / System Release	Description
N/A	N/A
Update	Description
Syslog	Modified that all of the syslog facility are the local0.
SNMP	Modified that the trap message can show System/Interface/Authentication/IP.
Console port	Modified that more security for console port to avoid crack attack.
Firmware Upgrade	Fixed that upgrade firmware will not accessible issue.
Ping	Fixed that when ping from switch to client, it will take long time even response time < 1ms(by CLI).
Ping	Fixed that it can't ping from switch to itself, it will failed (by CLI).
VLAN	Fixed that when adding a vlan in trunk vlan table by SNMP, if the new VID is smaller than the last vlan, the trunk vlan table will be wrong.
Auto Backup	Fixed that DUT won't automatically update "Backup State" of the "Auto-Backup Configuration" web page unless the page is submitted again.
Tacacs	Fixed that the Tacacs configuration can only be modified by SNMP for no more than one row each time.
IGMP	Fixed that IGMP client port with LACP or port trunking will cause IGMP stream can't forward to client port.
DHCP	Fixed that setup IPv6 static ip fail issue when Change IPv6 DHCP mode to static mode.
SNMP	Fixed that SNMP polling with 2secs polling time, sometime can't get value and get burst value (max 100mbps, but can get 288mbps), it can't get real time.
Telnet	Fixed that telnet maximum sessions don't match SSH sessions issue.
CLI	Fixed that the command line of the interface level security is disappear.

Firmware Version 1.00.19

Date: 2017/10/18

New Feature / System Release	Description
N/A	N/A



Update	Description
WEB	Modified that VLAN config/table and behavior.
QoS	Fixed that 802.1P not work fine issue.

Firmware Version 1.00.18

Date: 2017/10/11

New Feature / System Release	Description
N/A	N/A
Update	Description
QoS	Fixed that 802.1P remarking not work issue.
WEB	Modified that VLAN config/table.

Firmware Version 1.00.17

Date: 2017/08/24

New Feature / System Release	Description
System	Added that When MAC limit and Storm control over threshold then send SNMP trap and syslog.
Backup	Added auto-backup feature.
Update	Description
System	Fixed that it can't set any IP address ending with .255 issue.
VLAN	Fixed that the VLAN config maybe not work fine issue.

Firmware Version 1.00.16

Date: 2017/08/09

New Feature / System Release	Description
N/A	N/A
Update	Description
System	Fixed that the device can't show SFP information and state issue.

Firmware Version 1.00.15

Date: 2017/08/07

New Feature / System Release	Description
N/A	N/A
Update	Description
System	Fixed that when restore supplier default file, it still prompt "Updating ROM-D Configuration."

Firmware Version 1.00.14

Date: 2017/08/04

New Feature / System Release	Description
System	Add reset to ROM-D (customer default config) and modify reset button mode and status led light.
Update	Description
SSH	Fixed that it can't login via ssh when close the 4 ssh connection issue.
SSH	Fixed that when change system service from Telnet to SSH, then enter right username and password, sometime will happen stop keyin anything
SSH	Fixed that when first session login failed by SSH, then second time SSH even use right username & password, it will pop session full.
SNMP	Fixed that Power down trap with IPv6 package format of "type" and "length" value are wrong.

Firmware Version 1.00.13

Date: 2017/07/04

New Feature / System Release	Description
N/A	N/A
Update	Description
Restore Configure / Dot1q-Tunnel	Fixed when few ports setting dot1q-tunnel mode then save and backup, after restore, dot1q-tunnel port behavior not correct.
VLAN / Dot1q-Tunnel	Fixed when CLI/SNMP change port to dot1q-tunnel mode and setting pvid, traffic from tunnel port to other member port cannot send out.

Firmware Version 1.00.12

Date: 2017/07/03

New Feature / System Release	Description
VLAN / Dot1q-Tunnel	UI remove QinQ page and commands but support Dot1q vlan tunnel function.
Update	Description
N/A	N/A

Firmware Version 1.00.11

Date: 2017/04/14

New Feature / System Release	Description
System	Added that the time out can support the range from 1 to 1440 and the time (sec, minute) for console, SSH, Telnet.
Update	Description
N/A	N/A

Firmware Version 1.00.10

Date: 2017/04/12

New Feature / System Release	Description
N/A	N/A
Update	Description
SSH	Fixed that when enabled SSH then save and reboot, after boot up front console cannot input anything (SSH/WEB/SNMP working fine).
DHCPv6	Fixed that when client port receives DHCPv6 confirm packet, it always will not forward to server trust port.

Firmware Version 1.00.0Z

Date: 2017/04/07

New Feature / System Release	Description
N/A	N/A
Update	Description



WEB	Modified that the time zone replaces GMT with UTC.
SSH	Fixed that Even log not show incorrect information when use SSH to login DUT.
SSH	Fixed that it can't work fine issue.

Firmware Version 1.00.0Y

Date: 2017/03/31

New Feature / System Release	Description
N/A	N/A
Update	Description
SSH	Fixed that when using Putty or SecureCRT to access device via SSH in the first time will see "login as" then change to "Username" issue.
SSH	Modified that the user login count limitation to 3.
SSH	Fixed that it can't work fine issue.
User log	Fixed that it can't show IP address of user on ssh mode issue.
IP source binding	Fixed that when set IP source binding to enable then login device with ssh, the IP source binding can't work

Firmware Version 1.00.0X

Date: 2017/03/17

New Feature / System Release	Description
N/A	N/A
Update	Description
DHCP snooping	Fixed that it will crash when enabled DHCP snooping and server trust port receiving DHCPv6 packet with empty value.

Firmware Version 1.00.0W

Date: 2017/03/14

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN QinQ	Fixed that it can't support double tag on packet when enable QinQ mode



	with ether type is 8100.
DHCP snooping	Fixed that it will crash when it receives a DHCP offer with a 9100 single vlan tag.
DHCP snooping	Fixed that it will crash when enabled DHCP snooping and server trust port receiving DHCPv6 packet with empty value.

Firmware Version 1.00.0V

Date: 2017/03/07

New Feature / System Release	Description
Port Counter	Port counter allow to clear per port counter.
Update	Description
LLDP	Fixed that when enable lldp port config before lldp initial delay complete, should not cause first lldp packet sent out after 2 min ; LLDP packet will send out in 5 secs now.
User Authentication	Fixed that user can to see the other user's password in "User Authentication" in html.
DHCP	Fixed that when receive double tag DHCP packet from Server Trust port(snooping enable/QinQ disable) then DHCP Snooping program will be die.
System	Fixed that after DUT boot up, the gateway will disappear.

Firmware Version 1.00.0U

Date: 2017/01/25

New Feature / System Release	Description
N/A	N/A
Update	Description
Syslog message	Fixed that system log will loss when RSTP topology change.

Firmware Version 1.00.0T

Date: 2017/01/23

New Feature / System Release	Description
System / Syslog message	Add system log manager to integrate all the syslog to avoid log loss



	when RSTP topology change
Update	Description
Syslog / Terminal History	Remove display IP address of syslog messages when use terminal history function in SSH mode. Before: <15>Dec 31 13:04:41 CLI: [admin][SSH][ip address]CLI command After: <15>Dec 31 13:04:41 CLI: [admin][SSH]CLI command:
Syslog / Terminal History	Fixed that when enable the terminal history function and access DUT from SSH. The syslog messages sent by the switch are incorrect.
User Authentication / RADIUS/TACACS Configuration	Fixed that cannot seek Tacacs+ Server if set IPv6 address in server2.

Firmware Version 1.00.0S

Date: 2017/01/06

New Feature / System Release	Description
Syslog Coonfiguration	Release Syslog function ■ Terminal History
Syslog message	Support syslog log such as STP/LACP status change.
CPU & Memory	SNMP support to configure CPU loading.
Update	Description
User Authentication	Modify command from "Auth Method" to "Password Encryption". (All UI)
System / DHCP	Fixed that DHCP Program will not start if reboot DUT many times.
Static MAC Table	Fixed that when set Broadcast MAC address into Static MAC Table then will pop message with wrong word "Broadcast".
DHCP Snooping	Fixed that DHCP packet can't forwarding when enabled DHCP snooping.
DHCP Snooping	Fixed that board cannot get IP as DHCP client while DHCP snooping is enable with server trust port in trunk mode.

Firmware Version 1.00.0R

Date: 2016/09/07



New Feature / System Release	Description
Security / PPPoE	PPPoE server trust ports
Update	Description
N/A	N/A

Firmware Version 1.00.0Q

Date: 2016/08/16

New Feature / System Release	Description
N/A	N/A
Update	Description
SSH	Fixed that SSH cannot work.
Syslog	Modify CLI show syslog also display "Mal attempt" words

Firmware Version 1.00.0P

Date: 2016/08/15

New Feature / System Release	Description
N/A	N/A
Update	Description
DHCP Snooping	Modify Security Configuration – "Filter configuration" - as this is DHCP snooping it should be called "DHCP snooping"
Syslog	Modify "Mal-attempt Log configuration" change name to "Syslog Configuration"
SNMP / MAC Table	Fixed SNMP get MAC table will display wrong value in first index and first time.

Firmware Version 1.00.0N

Date: 2016/07/29

New Feature / System Release	Description
N/A	N/A
Update	Description
IGMP Snooping	Modify WEB UI IGMP snooping title "IGMP/MLD snooping v3" --> "IGMPv3 / MLD v2 snooping".



MAC Address Table	Add CLI command : show mac address-table all <cr>
DHCP	Fixed that device will send 2 different DHCP session after restore configure
Syslog	Fixed that DUT can't send syslog packet
SNMP / MIB	Fixed that SNMP IF-MIB (ifDescr / iName / ifAlias) display incorrect info
Port Status	Fixed that CLI support show port description but WEB UI "port status" page not show port description
IP Source Binding	Fixed that after enable IP source binding then we cannot access DUT from front console port

Firmware Version 1.00.0M

Date: 2016/07/14

New Feature / System Release	Description
System / Firmware Upgrade	If firmware upgrade fail then check that image version number on UI after DUT bootup in another image, it should be null
Update	Description
RSTP	Modify RSTP default config <ul style="list-style-type: none"> ● System Priority from 4096 to 32768. ● Port Priority from 0 to 128.
System Information	Modify UI show switch information about firmware version title

Firmware Version 1.00.0L

Date: 2016/06/29

New Feature / System Release	Description
N/A	N/A
Update	Description
CLI / MAC Address Table	Fixed that CLI commands "show MAC address vlan" tip message show wrong word (speicfy)
MAC Address Table	Fixed that if traffic through port1 input then WEB show MAC address can't jump to specify page
MAC Address Table	Fixed that WEB can't clear specify port MAC address



Firmware Version 1.00.0K

Date: 2016/06/28

New Feature / System Release	Description
System	If config partition damage in system bootup lead to DUT can't access then will auto recovery config data .
CLI / terminal length	Add new commands for show show running-config 、 show default-config 、 show start-up-config can specify length terminal length [0-512] <cr> no terminal length <cr> show terminal <cr>
Update	Description
ACL	CLI add acl command "action permit"
DHCP Snooping / Option82	CLI set option 82 formatted commands is "ip dhcp snooping remote formatted" instead of "ip dhcp snooping formatted".
CLI / MAC Table	Show MAC table with Sorting and counting functions Add: show mac address-table interface [port] <cr> show mac address-table mac [mac-addr] <cr> show mac address-table vlan [vlan_id] <cr> Remove: show mac address-table top <cr> show mac address-table all <cr>
ACL	Fixed that CLI can't set command "acl ingress-port any" successfully
ACL	Fixed that CLI remove "quit" command
Image info.	When do "show running-config" or "backup config", title of FW version always display image-1 version, even current is image-2.

Firmware Version 1.00.0J

Date: 2016/05/27

New Feature / System Release	Description
System	Rewrite the process to avoid the issues of linux system or busybox
System	Auto-reboot system in case of out of memory suddenly
Update	Description
VLAN QinQ	CLI add commads about VLAN QinQ
LLDP	CLI modified show LLDP information title

RSTP Monitor	Fixed UI show RSTP statistics page RSTP received number place in STP received
FTP firmware upgrade	Fixed that UI use FTP to do firmware upgrade but only input user name without input password then upgrade will fail.
Backup Configure	Fixed that when enable loop-detection and detect port, and then backup configure, the configure file loop-detection function was disable.
SNMP	Fixed can't send power down trap package with IPv6 address

Firmware Version 1.00.0I

Date: 2016/03/03

New Feature / System Release	Description
TACACS+	Support user authentication "TACACS+"
System	Support user authentication method MD5 hashed password function
Update	Description
QoS	Fixed QoS can't work if setting a port as ingress port with access mode will only marking P-Bit then send out.
Port Link	Fixed that if fiber port link-up when DUT boot up, it will fail.
LED	The LED on the WEB panel will blink show link-up when plugging the SFP-20TP/SFP-30TP but don't plug the network line.
Combo port	When change combo-port from copper to fiber with manual 1000M and plug SFP LED will always light even if don't plug network line(about continue 2mins to 3mins).

Firmware Version 1.00.0H

Date: 2016/02/02

New Feature / System Release	Description
N/A	N/A
Update	Description
DHCP Option 82	Fixed that the OPT82 Formatted with wrong value under default value.
WEB UI	Fixed that when saving the configuration it appears "setting changed, still not saved".

Firmware Version 1.00.0G

Date: 2016/02/01

New Feature / System Release	Description
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DHCP Option 82	DHCP OPT 82 Formatted function and related CLI
Update	Description
MLD Snooping Status	Change all UI "V2 Done" to "Done" in MLD Snooping Status table
MAC limit	Fixed MAC limit issues with wrong procedure
IGMP Snooping	Fixed IGMP snooping malfunction when receive IGMPv3 packet with illegal value (number of group record)
Copper port	Fixed the wrong status when change the port status
QinQ Vlan Configuration	Fixed the wrong behavior with error when ether type is 0X8100
Combo port	Fixed the wrong LED procedure when the port is linking
DHCP	Fixed that DUT will have multiple dhcp clients when restore and enable DHCP configuration file
CLI	Fixed that the command "acl action permit" can't be entered.

Firmware Version 1.00.0F

Date: 2016/01/15

New Feature / System Release	Description
N/A	N/A
Update	Description
MAC limit	Fixed MAC limit issues with wrong procedure
IGMP Snooping	Fixed that when enable IGMP snooping and reboot the IGMP join packet can't pass through to server port.

Firmware Version 1.00.0E

Date: 2016/01/11

New Feature / System Release	Description
N/A	N/A
Update	Description
MAC limit	Fixed MAC limit issues with wrong procedure

Firmware Version 1.00.0D

Date: 2016/01/05

New Feature / System Release	Description
MAC limit	MAC limit per port in WEB and CLI



Update	Description
Power Down trap	Modify that the power down trap send traps from 3 times/1min to 3 times/ 1 sec
Firmware update	Fixed that when firmware upgrade error then event log will show invalid ip address

Firmware Version 1.00.0C

Date: 2015/12/17

New Feature / System Release	Description
N/A	N/A
Update	Description
Switch Configuration	Modified the default configuration about " Statistics Polling Interval /Statistics Polling Ports" from 5 secs/5ports to 6 secs/12 ports
RSTP	Fixed that RSTP port can't be blocked when related port enable again and sent 1 pps packet from other port

Firmware Version 1.00.0B

Date: 2015/12/16

New Feature / System Release	Description
WEB UI	Enable or disable IGMPv3 function.
Update	Description
ACL	Modify the command in CLI of " action " to accept " mirror or copy or copy(mirror) "
CLI	Fixed the command " no ip sourceguard static-ip " can't work
MAC address table	Fixed that when all UI set same MAC address and same VID at different port in Static MAC address table, system not pop warning message even setting not success
MAC address table	Fixed that CLI/WEB/SNMP can't set broadcast MAC address in Static MAC address table.
IP address Table	Fixed that the entry in the Static IP Table Configuration can't be deleted by the telnet command.
SNMP	Fixed that SNMP can't add IPv4 address into DHCP Snooping table.
802.1X	Fixed that The 802.1X statistics table can't be updated.

Firmware Version 1.00.0A

Date: 2015/10/30



New Feature / System Release	Description
N/A	N/A
Update	Description
ACL	Make user configure ACL IPv4 source IP or Destination IP must in index
IGMP Snooping	Fixed IGMP snooping malfunction when receive IGMPv3 packet with illegal value (number of group record)

Firmware Version 1.00.09

Date: 2015/10/30

New Feature / System Release	Description
N/A	N/A
Update	Description
IGMP Snooping	Fixed IGMP snooping malfunction when receive IGMPv3 packet with illegal value (number of group record)

Firmware Version 1.00.08

Date: 2015/10/30

New Feature / System Release	Description
N/A	N/A
Update	Description
IGMP snooping	Modify IGMP configuration “query response interval” value range from 1-6000 (1/10sec) to 1-255 (1/10sec)
IGMP snooping	Change IGMP “query interval” default setting to be 125 sec
IGMP snooping	Change IGMP “query response interval” to 100 (1/10sec).
IGMP snooping	Fixed when configure IGMP query interval parameters over 256 sec , it will cause the parameters reset from “0” Ex: 256 seconds becomes 0, 257 becomes 1 etc.....
IGMP snooping	Fixed in WEB UI shows wrong query “response” interval string

Firmware Version 1.00.07

Date: 2015/10/26

New Feature / System Release	Description
MAC address table	CLI add new commands “show mac address table all” and “show mac address table top”



Update	Description
MAC address table	UI show MAC address in uppercase
MAC address table	Change CLI show MAC address table “VID” and “MAC” field location. (exchange VID and MAC field location)
IGMP snooping	Add IGMP configuration “query interval” parameters should be bigger than “query response interval” parameters rule.
Network configuration	When change device IP address from DHCP to static IP, device cannot use the static IP to access.
Event log	Fixed in CLI UI event log will cut long message character issue.
Traffic forwarding	Fixed When enable IGMP snooping and DHCP snooping it will cause port 33 cannot forward DHCP offer packets and IGMP control packets.
CLI	Improve CLI “reload” command.
SFP port	Fixed some specified SFP transceiver cannot link up issue.
Port isolation	Add CPU can be included when configure Port Based VLAN.
Port isolation	port-based vlan group name on UI from “Port Name” change to “Name”.
Port isolation	WEB UI port isolation page from “VLAN configuration” move to “Security Configuration” page.
Port isolation	CLI add new command “security port-isolation” “security port-isolation up-link-port” “show security port-isolation”
Port isolation	Fixed Restore config port-isolation can not work successfully
Loop detection	Fixed When loop happened the event log not show the complete event log message. eg.. some characters may be cut off.
IPv6	Fixed When use IPv6 with FTP protocol to upgrade firmware or auto-provision, it will unsuccessfully.
Loop detection	Fixed loop packet from other device under management VLAN would not block.
Loop detection	When port looped the loop detection cannot successfully lock port when it connected to another FOS-3128 loop detection enable port.
Combo port interface	Fixed when combo port set to fiber then save config and reboot. It will cause port LED not blink when link up.
SSH	Fixed SSH function cannot work
DHCP option 82	Fixed DHCP option 82 when manual configure remote and circuit ID it will have wrong content format.

Firmware Version 1.00.06

Date: 2015/08/03

New Feature / System Release	Description
Loop detection	Behavior change : 1. Looped port from “port shutdown” change to listening 2. Looped port LED will blink at a cycle of 2-second period (Orange light flash)



	3.Unblock looped port situation under the looped port not receive loop detection packet.
Update	Description
Telnet	CLI can support maximum 4 sessions at the same time
SNMP	Increase device response SNMP port status and counter speed.
Port isolation	Separate Port based VLAN and VLAN isolation config

Firmware Version 1.00.05

Date: 2015/07/09

New Feature / System Release	Description
N/A	N/A
Update	Description
IGMP/MLD snooping	Fixed IGMP/MLD VLAN ID cannot enable “snooping” and “Querying” function

Firmware Version 1.00.04

Date: 2015/07/08

New Feature / System Release	Description
System	New add show CPU utilization and memory usage rate function. CLI : Switch# show switch-info cpu-mem-statistic
Update	Description
DHCP option 82	Fixed CLI cannot enter 63 characters in DHCP option 82 remote ID and circuit ID

Firmware Version 1.00.03

Date: 2015/06/15

New Feature / System Release	Description
Counter polling	Can manual set port counter polling interval time and ports
DHCP Option82	Support manual edit DHCP option 82 circuit and remote ID.
WEB UI	Support firmware upgrade and config backup /restore via HTTP
Update	Description
SNMP	Power down trap source IP are wrong

Firmware Version 1.00.02

Date: 2015/05/05

New Feature / System Release	Description
N/A	N/A
Update	Description
MAC address	Allow MAC address table aging time can up to 172800 secs (2days)
System	Device sent DHCP discover packet before success boot up.
MAC	Fixed by port show MAC address table will dump error information .

Firmware Version 1.00.01

Date: 2015/04/01

New Feature / System Release	Description
N/A	N/A
Update	Description
Auto-provision	Fixed after load factory default , Auto Provision cannot restore config file.
VLAN	Fixed VLAN name of VID 10 cannot shown in “IEEE 802.1q Tag VLAN table”
RSTP	When enable RSTP aggregated port function on a vlan trunking port , it will cause the traffic cannot pass-through the port.