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Firmware Version 1.00.10

Date: 2021/05/18

New Feature / System Release	Description
N/A	N/A
Update	Description
Management / SNMP / SNMPv3 USM User	Fixed that when set SNMPv3 authentication to none and private to "DES" via WEB, system does not pop alert message.
CLI / SNMPv3 USM User	Fixed that when CLI SNMPv3 private cannot display "AES128".
CLI / SNMPv3 USM User	Fixed that when show "snmp-server user" via CLI, display result does not match web GUI.
CLI / SNMPv3 USM User	Fixed that when show "FOS-5128(config-v3-user-111)# ?" via CLI, display result has one row blank.

Firmware Version 1.00.0Z

Date: 2021/05/12

New Feature / System Release	Description
N/A	N/A
Update	Description
SNMP / DHCP Snooping Setup	Fixed that when set "delete DHCP server IP entry" via SNMP, will find only first time can set successful.

Firmware Version 1.00.0Y

Date: 2020/12/28

New Feature / System Release	Description
N/A	N/A
Update	Description
SNMP / ACL Setup	Fixed that when set ACL entry via SNMP, if set name over 15 characters, DUT response noError, but actually not set successful.
SNMP / ACL Setup	Fixed that when set ACL entry to disable via SNMP, DUT response noError, but actually not set successful.
Layer 2 Protocol Tunneling / Status	Modify one parameter "VTP" instead "VIP".
Port Management / Port Setup & Status	Fixed that when click "Content" and then click "Port Setup & Status" via WEB, will find the container title display incorrect.



Firmware Version 1.00.0X

Date: 2020/11/12

New Feature / System Release	Description
Selective QinQ	VLAN port mode support selective QinQ mode.
Update	Description
CLI / VLAN	Fixed that cannot show vlan dot1q-vlan information issue.
ACL	Fixed that ACL VLAN field always work on PVID of trunk-native even the ingress packet is tagged issue.
SNMP	Fixed that when modify static IPv6 , will response noError, but actually modify unsuccessful issue.

Firmware Version 1.00.0W

Date: 2020/09/25

New Feature / System Release	Description
N/A	N/A
Update	Description
WEB	Fixed that when click "Content" and then click "CPU & Memory Statistics" or "Auto-Backup Setup" will find the container title display incorrect issue.
SNMP / ACL	Fixed that cannot set ACL sequence maximum be 65536 issue.
SNMP / Loop detection	Modify loop detection interval to 1~20.
IGMP snooping	Fixed that when enable IGMP snooping, router port will flooding unknown IPv6 multicast packets issue.

Firmware Version 1.00.0V

Date: 2020/08/11

New Feature / System Release	Description
CLI / L2 control-protocol help	Add related notes: 00-0F 0180c2000000 ~ 0180c200000f (IEEE 802.1D and 802.1Q standard use) 20-2F 0180c2000020 ~ 0180c200002f (IEEE 802.1Q standard use) 10 0180c2000010 (IEEE 802.1D standard use)
SNMP	Add description in the fields as below: swhSwitch0180C2000000to0F swhSwitch0180C2000020to2F



	swhSwitch0180C2000010
CLI / show interface statistics analysis rate	Add related notes: Rate Unit = pps
SNMP	Add description in the fields as below: swhCountersRatesRxFrames64 swhCountersRatesRxFrames65to127 swhCountersRatesRxFrames128to255 swhCountersRatesRxFrames256to511 swhCountersRatesRxFrames512to1023 swhCountersRatesRxFrames1024to1518 swhCountersRatesRxFrames1519toMaxSize swhCountersRatesRxMulticastFrames swhCountersRatesRxBroadcastFrames swhCountersRatesTxMulticastFrames swhCountersRatesTxBroadcastFrames
Update	Description
IGMP	Fixed that while showing the IGMP/MLD Group Tables, IGMP module will crash.
VLAN	Fixed that when vlan trunk mode vid set 1~4094, then change CPU access pvid, will set unsuccessful issue
System	Fixed the issue when enable ipv6 and LLDP port 1 will cause middle crash.
DHCP	Fixed the issue when in DHCP mode, device will send two DHCP discover packets when starting up.

Firmware Version 1.00.0U

Date: 2020/08/03

New Feature / System Release	Description
L2TP / L2TP Setup	Add related notes: 1. IEEE 802.1D standard using the MAC Address is 0180C200000X and 0180C2000010. 2. IEEE 802.1Q standard using the MAC Address is 0180C200000X and 0180C200002X.
Port Management / Port Packet Analysis Statistics	Add related notes: Rate Unit = pps
Update	Description
SNMP	Modify SNMP mib files from "portX" to "port0X". e.g. MulticastForwardingPort1 -> MulticastForwardingPort01



RSTP / RSTP Switch Setup	Modify default configure of RSTP related parameters: 1. Max Age from 6 to 20. 2. Hello Time from 1 to 2. 3. Forward Delay from 4 to 12.
Multicast / Static Multicast Setup	Fixed that when set static multicast via SNMP, IPv6 address set as 2001::1234 will be deny, and then to set as ff55::5 will become ff55::5234.
System Setup / IP Setup	Fixed that if IPv6 link-local or global address without input prefix length via WEB, the prefix length will set as 0 issue.
System / QoS	Improve ingress rate limit not accurate situation. Modify related parameters of source code "burst rate".

Firmware Version 1.00.0T

Date: 2020/07/17

New Feature / System Release	Description		
SNMP	Support Public MIB "dot1dTpFdbTable".		
SNMP / IGMP Group Table	Improve the IGMP/MLD Group Table response time.		
	MAC address counts	T1 (sec)	T2 (sec)
	1K	0.53	12.97
	2K	1.22	25.87
	4K	2.64	51.73
	8K	5.75	103.48
	16K	14.48	209.19
	T1: From send "get-next-request" until received first one "get-response". T2: From send "get-next-request" until received last one "get-response".		
Update	Description		
L2PT / L2PT Status	Fixed that display the word "VIP" is incorrect via WEB, should be "VTP".		
Content	Fixed that when access DUT via WEB, then click "Content" and click "Auto-Backup Setup" will find the container title symbol '-' become '!'.		
Content	Fixed that when access DUT via WEB, then click "Content" and click "CPU & Memory Statistics" will find the container title display incorrect.		
Content	Fixed that when access DUT via WEB, then click "Content" and click "Port Setup & Status" will find the container title display incorrect.		



Firmware Version 1.00.0S

Date: 2020/05/25

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN Setup / Selective QinQ Setup	Fixed that when WEB page selective QinQ VLAN range reach 32 rules, will cause cannot add the same range with different port.
System Setup / Switch Information	Fixed that when access DUT via web UI, click "Content" and then click "Switch Information" will find the container title display incorrect.
VLAN Setup / Selective QinQ Setup	Fixed that when use WEB or SNMP method to show selective QinQ tpid does not match CLI.
VLAN Setup / Selective QinQ Setup	Fixed that when WEB page selective QinQ VLAN range reach 32 rules, will cause cannot edit VLAN range rule.
VLAN Setup / Selective QinQ Setup	Fixed that when the selective QinQ VLAN range table is full, user can't set existed inner-vid's rule.
System / Memory	Fixed that when the interface link down then link up, it will make internal system wrong and cause memory leak.

Firmware Version 1.00.0R

Date: 2020/05/19

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')
Update	Description
VLAN Setup / Selective QinQ Setup	Modify CLI commands from "vlan dot1q-tunnel ethertype 123" to "vlan dot1q-tunnel ethertype 0x0123".
VLAN Setup / Selective QinQ Setup	Fixed that DUT does not take out selective QinQ rule outer-vid.
VLAN Setup / Selective QinQ Setup	Fixed that when delete selective QinQ rule then send double tag packet from selective QinQ server port, the delete's selective QinQ client still receives single tag packet.
VLAN Setup / VLAN Translation	Fixed the error message wording (selective qinq → VLAN translation).
VLAN Setup / Selective QinQ	Fixed that when enable selective QinQ function via WEB, but it does



Setup	not check port vlan mode.
VLAN Setup / Selective QinQ Setup	Fixed that when use SNMP tool to add selective QinQ rule will pop up "Set Unsuccessful!", but actually set successful.
VLAN Setup / Selective QinQ Setup	Fixed that when use WEB to setting selective QinQ ether type 0000, but CLI and SNMP tool only show 0.
VLAN Setup / Selective QinQ Setup	Fixed that when use CLI to show vlan selective qinq inner-vid or outer-vid, the No. is begging from 2 issue.

Firmware Version 1.00.0Q

Date: 2020/05/13

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN Setup / Selective QinQ Setup	Fixed that when delete selective QinQ rules via WEB, system loading time is too long. (Delete 10 rules have to wait about 30 seconds.).
VLAN Setup / Selective QinQ Setup	Fixed that when delete selective QinQ rules via WEB, it will cause web page show blank.
VLAN Setup / Selective QinQ Setup	Fixed that when enable selective QinQ and DHCP snooping, if trunk port receive single tag(DHCP Discovery packet), DUT will not forward it.
VLAN Setup / Selective QinQ Setup	Fixed that when enable selective QinQ, IGMP and DHCP snooping on the same port, only selective QinQ can work issue.
VLAN Setup / Selective QinQ Setup	Fixed that when disable selective QinQ, system will not check port mode rule via WEB.
VLAN Setup / Selective QinQ Setup	Fixed that cannot modify selective QinQ page rule port setting via WEB.
VLAN Setup / Selective QinQ Setup	Modify name of selective QinQ via WEB page from "Q in Q" to "Q-in-Q".

Firmware Version 1.00.0P

Date: 2020/05/08

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



VLAN Setup / Selective QinQ Setup	Modify that selective QinQ page via WEB can show the same TPID.
VLAN Setup / Selective QinQ Setup	Modify when inner-vid input "201-201" then will auto change to "201".
VLAN Setup / Selective QinQ Setup	Modify list name form "Entry" to "No.". (WEB)
ACL Setup	Fixed that ACL rules for rate-limit cannot work.
VLAN Setup / Selective QinQ Setup	Fixed that when use sort by inner-vid to edit selective QinQ rule via WEB, it will cause DUT auto add the new rule.
VLAN Setup / Selective QinQ Setup	Fixed that when use WEB to edit selective QinQ TPID, TPID will keep on default TPID.
VLAN Setup / Selective QinQ Setup	Fixed that when selective QinQ name setting max 32 characters with multiple port will cause it cannot auto add extended index number (01, 02...).
VLAN Setup / Selective QinQ Setup	Fixed that when use WEB to set selective QinQ TPID to blank, it does not pop up error message.
VLAN Setup / Selective QinQ Setup	Fixed that even deleted selective QinQ rule via WEB, the deleted rules still works.
VLAN Setup / Selective QinQ Setup	Fixed that when use CLI to add selective QinQ rule, but the result of name is not correctly.

Firmware Version 1.00.00

Date: 2020/04/30

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN Setup / Selective QinQ Setup	Fixed that when selective QinQ do sort vai SNMP, it will cause selective QinQ table showing not correctly.
VLAN Setup / Selective QinQ Setup	Fixed that when setting selective QinQ with special name character "\" via WEB will successful issue.
VLAN Setup / Selective QinQ Setup	Fixed that selective QinQ inner TPID 9100 does not work.

Firmware Version 1.00.0N

Date: 2020/04/28

New Feature / System Release	Description
Multicast / MVR	Support MVR feature.
Multicast / Multicast Group Setup	"Multicast Group" support new option "All".
VLAN Setup / Selective QinQ Setup	Support Selective QinQ feature.
Update	Description
N/A	N/A

Firmware Version 1.00.0M

Date: 2020/03/31

New Feature / System Release	Description
Port Configuration	Add "Auto-Speed" for Port 25~28.
Update	Description
N/A	N/A

Firmware Version 1.00.0K

Date: 2020/03/27

New Feature / System Release	Description
N/A	N/A
Update	Description
Rapid Spanning Tree / RSTP Port Setup	Modify name of "State" from "Disable" to "Disabled".
Management / User Authentication	Modify name of "Account State" from "Disable" to "Disabled". Modify name of "Account State" from "Enable" to "Enabled".
Management / Management Access Setup	Fixed that when set console login fail block time via web, the error message content has incorrect range.

Firmware Version 1.00.0J

Date: 2020/03/20

New Feature / System Release	Description
N/A	N/A
Update	Description
SFP Info	Fixed that transmission distance of SFP info display incorrect.
User Authentication / RADIUS	Fixed that when set 802.1x RADIUS IP via web UI, input multicast or broadcast IP will not pop warning message.

Firmware Version 1.00.0I

Date: 2020/02/06

New Feature / System Release	Description
N/A	N/A
Update	Description
RSTP	Fixed that RSTP "Forward Delay" can't input value 4~10 when use CLI issue.
RSTP	Fixed that RSTP "hello time" can't input value 10 when use CLI issue.

Firmware Version 1.00.0H

Date: 2020/01/21

New Feature / System Release	Description
N/A	N/A
Update	Description
Telnet	Fixed that when use telnet to login two sessions and show running config at the same time will happen incorrect information issue.
DHCP	Fixed that when get IP address and not send request packet after wait 1/2 lease time issue.

Firmware Version 1.00.0G

Date: 2019/12/17

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



Update	Description
SFP	Fixed that plug in specific SFP will not display correct value issue.
WEB	Fixed that ACL rules for TOS/Traffic class and Protocol/Next Header cannot enter the value via Web issue.

Firmware Version 1.00.0F

Date: 2019/11/29

New Feature / System Release	Description
N/A	N/A
Update	Description
Port status	Fixed that set 10G port (25~28) to manual 1000 can success, but still display 10G issue.
Restore	Fixed that restore configuration file without "#" in line 1 first character should be return error issue.
Memory leak	Fixed that when set 802.1x enable in configuration file and run for long time will happen memory leak issue.

Firmware Version 1.00.0D

Date: 2019/11/08

New Feature / System Release	Description
MVR	Add MVR System Setup, MVR Port Setup, MVR Multicast Group Setup Sort by.
Update	Description
N/A	N/A

Firmware Version 1.00.0B

Date: 2019/11/01

New Feature / System Release	Description
N/A	N/A
Update	Description
SNMP	Fixed that when use SNMP to set VLAN mode, then VLAN table and IGMP VLAN snooping's VLAN name will show "auto" issue.
CLI	Fixed that use CLI to show MVR multicast group, IPv6 address will display garbled issue.



Firmware Version 1.00.0A

Date: 2019/10/30

New Feature / System Release	Description
MVR	Added that MVR function in SNMP.
Update	Description
N/A	N/A

Firmware Version 1.00.09

Date: 2019/10/24

New Feature / System Release	Description
MVR	Added that IGMP/MLD VLAN Setup and VLAN Table Note into MVR function in CLI and WEB.
Update	Description
N/A	N/A

Firmware Version 1.00.08

Date: 2019/10/23

New Feature / System Release	Description
N/A	N/A
Update	Description
MVR	Modified the word display length of MVR Name from 32 to 15.

Firmware Version 1.00.07

Date: 2019/10/21

New Feature / System Release	Description
N/A	N/A
Update	Description
IGMP	Fixed that the stream will be lost issue.

Firmware Version 1.00.06

Date: 2019/10/21

New Feature / System Release	Description
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N/A	N/A
Update	Description
IGMP	Fixed that the stream will be lost issue.

Firmware Version 1.00.05

Date: 2019/10/18

New Feature / System Release	Description
N/A	N/A
Update	Description
Backup	Fixed that the MVR command with wrong issue after backup configuration.

Firmware Version 1.00.04

Date: 2019/10/18

New Feature / System Release	Description
N/A	N/A
Update	Description
MVR	Modified that when deleting all variables of the MVR Multicast Group, they can't be the same range with Multicast Group.

Firmware Version 1.00.03

Date: 2019/10/18

New Feature / System Release	Description
N/A	N/A
Update	Description
MVR	Fixed that when creating MVR VLAN via CLI, the default state is disable issue.
MVR	Modified that the description of MVR VLAN name via CLI.
LLDP	Fixed the LLDP description display issue when entering “,” symbol.
MVR	Modified the word description display when deleting someone index on MVR System Setup page.
MVR	Fixed that delete wrong setting issue on MVR Port Setup page.



Firmware Version 1.00.02

Date: 2019/10/15

New Feature / System Release	Description
MVR	Added to support MVR feature.
Update	Description
N/A	N/A

Firmware Version 1.00.01

Date: 2019/10/01

New Feature / System Release	Description
N/A	N/A
Update	Description
LLDP	Fixed that LLDP can't support user-defined port description issue.

Firmware Version 1.00.00

Date: 2019/08/19

New Feature / System Release	Description
N/A	N/A
Update	Description
System	The Official Version.