

Model Name	FOS-3114	Version	1.00.0N	Designer	Approval
Part Name	Firmware	Date	2024/03/21		
Part Number	N/A	Unit	N/A		
File Name	FOS-3114_Release note_1.00.0N_20240321.doc				

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Firmware Version 1.00.0N

Date: 2024/03/21

New Feature / System Release	Description
N/A	N/A
Update	Description
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 1.00.0M

Date: 2022/08/24

New Feature / System Release	Description
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
User Privilege	Modify user account level "Read-Only" of CLI, it cannot enter to configure layer.
System / CLI	Cannot enter commands with "LF" jumpline format via SSH and Telnet.
SNMP	<p>SNMP MIB file of CPU memory and statistics item name does not match Web page and CLI.</p> <p>Note: "swCPUAndMemoryStatistics" instead of "swStatistic".</p>
QoS Remarking	DSCP Remarking will keep previous behavior even it has been modified.



Firmware Version 1.00.0L

Date: 2020/08/17

New Feature / System Release	Description
RSTP	<p>Modify default value and config rules of global settings:</p> <p>< Original ></p> <ol style="list-style-type: none"> 1. RSTP default parameter: Max Age = 6, Hello Time = 1, Forward Delay = 4. Max Age Range is 6-200. 2. Without config rule. <p>< New ></p> <ol style="list-style-type: none"> 1. RSTP default parameter: Max Age = 20, Hello Time = 2, Forward Delay = 15. Max Age Range is 6-40. 2. New config rule: $2 * (\text{Forward_Delay} - 1.0 \text{ seconds}) \geq \text{Max_Age}$ $\text{Max_Age} \geq 2 * (\text{Hello_Time} + 1.0 \text{ seconds})$
Threshold of Memory	Support Threshold of Memory, when less than threshold will send alarm or reboot device.
Update	Description
System / Memory	Fixed that when the interface link down then link up, it will make internal system wrong and cause memory leak.
Restore Configuration	Fixed that when do restore config file without "#" in line 1 first character should be return error.
Switch Management / IGMP Snooping / IGMP Configure	Fixed that default "Query interval" is 125, but when CLI input "no ip igmp snooping query-interval" then the value will change to 100, should be 125.

Firmware Version 1.00.0K

Date: 2019/08/08

New Feature / System Release	Description
N/A	N/A
Update	Description
Flow Control	Fixed that client port (1-10) flow control not work.
Port Link Flap Log	Fixed that port link flap log display wrong, by default boot-up device, each port first log should display "fiber is disconnected", but all display



	"Copper is disconnected".
Storm Control	Fixed that when set storm control main switch to "disabled", but storm control still can work.
Warm Reload	Fixed that warm reload(up-time)'s "Remaining Up-Time" display wrong.
Storm Control	Fixed that after the storm control is triggered to cause shutdown and change the action from shutdown to drop, the status will not show lock.
Storm Control	Fixed that after enabling Storm Control via Web interface, the [ALL] port's buttons are not in effect.
Warm Reload / IPv6	Fixed that when IPv6 address(MGMT) not enabled, use SNMP ping IPv6 address still can execute warm reload, should cannot.
Power Down Trap / SNMP	Fixed that SNMP time stamp of Power Down Trap.

Firmware Version 1.00.0J

Date: 2019/07/05

New Feature / System Release	Description
Port Link Flap	Support Port Link Flap function.
Storm Control	1. Support per port to setting. 2. Add action(drop/shutdown) for per port.
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 %).
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
System	Fixed that Kernel Panic (reboot/hang) issue.

Firmware Version 1.00.0I

Date: 2019/05/13



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 1.00.0H

Date: 2019/05/02

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.
DNS	Fixed that when not input DNS1 IP address then direct to input DNS2 IP address, this IP address will display in DNS1's field of Current State. (Should display on DNS2's)
DNS / CLI	Fixed that CLI does not show DNS automatically mode on "Current State".
SNMP Trap Destination / SNMP	Fixed that when setting SNMP trap destination server 3 via SNMP, but result will show on server 1.

Firmware Version 1.00.0G

Date: 2019/02/22

New Feature / System Release	Description
CLI	Added the "no management web" command to disable web interface.
Update	Description
Firmware Copy	Fixed that WEB page firmware copy display status string always show "Current image-1 copy to backup image-2" issue.

Firmware Version 1.00.0F

Date: 2019/02/20

New Feature / System Release	Description
DNS configuration	Added that DNS related configuration (syslog, ntp, trap).



Update	Description
VLAN translation	Fixed that VLAN translation can't work when DHCP snooping enable with DHCP mode.

Firmware Version 1.00.0E

Date: 2019/02/19

New Feature / System Release	Description
Firmware Copy	Added to support that it can copy current running image to backup image".
DNS	Added to support that DNS Server defines.
HTTPs	Support Https service.
Update	Description
HTTPs	Fixed that https service can't work fine.
IP address	Fixed that device will send incorrect management IP address if DUT in DHCP mode.
SFP	Fixed that the SFP information will wrong issue.

Firmware Version 1.00.0D

Date: 2019/01/10

New Feature / System Release	Description
N/A	N/A
Update	Description
Syslog	Fixed that when warm reboot DUT with DHCP mode, it won't send "The system is going down NOW!" as syslog message.

Firmware Version 1.00.0C

Date: 2019/01/09

New Feature / System Release	Description
Syslog	Added that when warm reboot DUT from all UIs, it will send "The system is going down NOW!" as syslog message.
Update	Description
N/A	N/A

Firmware Version 1.00.0B

Date: 2019/01/04

New Feature / System Release	Description
SNMP	Added that power up trap in SNMP.
Update	Description
LLDP	Fixed that LLDP function can't work fine issue.
LACP	Fixed that the web page for link aggregation distribution rule item arrangement doesn't match CLI and SNMP.
CLI	Fixed that LACP configuration role value items should be adjusted to disable, active and passive.
Telnet	Fixed that SSH and Telnet can't work fine issue.
Backup Configuration	Fixed the issue for backup config file of ipv6 global address does not match restore config file.

Firmware Version 1.00.0A

Date: 2018/10/09

New Feature / System Release	Description
N/A	N/A
Update	Description
Fast Redundancy	Fixed that description of Fast Redundancy is different between CLI and WEB.

Firmware Version 1.00.09

Date: 2018/08/29

New Feature / System Release	Description
N/A	N/A
Update	Description
SNMP / Fast Redundancy	Fixed that when use SNMP to setting fast redundancy of fast ring v2 and chain, but result is not match the pop up's message.
Fast Redundancy / Status	Fixed that WEB page fast redundancy status does not match DUT current real status.

Firmware Version 1.00.08

Date: 2018/08/24

New Feature / System Release	Description
Fast Redundancy / Fast Ring v2	Added Fast Ring v2 feature.
Fast Redundancy / Chain	Added Chain feature.
Update	Description
CPU Temperature Status / Notification	Modify default High Temperature threshold value to 50.
CLI / reload image	Fixed that when enter more times "reload image" by CLI, the CLI session will cut.

Firmware Version 1.00.07

Date: 2018/06/20

New Feature / System Release	Description
N/A	N/A
Update	Description
CLI / show running-config	Fixed that use CLI to show running-config interface 6,10 ,but result did not show vlan id 4094.
L2PT	Fixed that L2PT port can converter packet to designate MAC, but when other port received designate MAC will not converter to original packet.
CLI / show vlan	Fixed that when configure some Dot1q VLAN settings on DUT, and check the VLAN table in CLI, the link to CLI will be cut off.

Firmware Version 1.00.06

Date: 2018/05/23

New Feature / System Release	Description
L2PT	Added L2PT feature.
Update	Description
System	Fixed that boot-up stage initial setting will not complete.
CLI / show running-config	Fixed that display info error.



IGMP / IPMC Segment	Fixed that after input the rule but result not match.
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Firmware Version 1.00.05

Date: 2018/04/27

New Feature / System Release	Description
DHCP IP address	Added DHCP auto recycle feature.
VLAN Translation	Added VLAN translation.
Show running configure	Support can search with a specific word.
Alarm	Support MAC-Limiter and Storm Control Trap.
Update	Description
IGMP / IPMC Segment	Fixed that after input the ip range but result not match.
IGMP / IPMC Segment	Fixed that error message display wrong.
RSTP	Fixed that when RSTP topology change will random cause RSTP process crash.
MAC address table	Fixed that when use CLI to show mac address table but total is not correctly.
MAC address table	Fixed that when use CLI to show mac address table by port but the last one mac address will duplicated.
MAC address table	Fixed that when use CLI to show mac address table but result is not match WEB page.
IGMP Snooping	Modify that "Query interval" should be bigger than "Query Response interval".
IGMP / IPMC Segment	Fixed that backup configure will get incorrect value.
CLI / Reload	Fixed that when issuing an invalid CLI input beginning with "reload" such as "reload aaa" DUT still will execute reboot.
802.1X	Fixed that CLI and outbound console 802.1X port configuration information display not match WEB page.
Flow Control	Fixed that when fiber port send packets to copper port flow control not work.
Threshold Interval	Fixed that can input invalid setting (not number), should cannot.
Port Mirror	Fixed that when use SNMP to setting mirror target port and then use CLI to check result is not correctly.
Event log	Fixed that WEB page and SNMP event log, console port(rs232) IP address is not correctly.
Ping	Fixed that DUT ping function data size over 20000 will cause packet



	lost.
LED / Port	Fixed that when change VLAN or port speed will cause port LED not light.
Firmware Upgrade	Fixed that when update firmware in web and after boot-up, upgrade image option default should be another Image.

Firmware Version 1.00.04

Date: 2018/02/12

New Feature / System Release	Description
N/A	N/A
Update	Description
CPU Temperature	Fixed that on system information page on WEB, CPU temperature is not matched with current status issue.
CPU Temperature	Fixed that Read and Write operation level can't setting CPU temperature status.
CPU Temperature	Fixed that on CPU temperature web page, the status stop auto update, button can't work.

Firmware Version 1.00.03

Date: 2018/02/08

New Feature / System Release	Description
N/A	N/A
Update	Description
IGMP / IPMC Segment	Fixed that IPMC Segment pop error message to show "not match error setting status" issue.

Firmware Version 1.00.02

Date: 2018/02/06

New Feature / System Release	Description
CPU Temperature	Added that CPU Temperature trap send state information.
Update	Description



N/A	N/A
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Firmware Version 1.00.01

Date: 2018/02/05

New Feature / System Release	Description
CPU Temperature	Added that support CPU temperature Trap configuration and monitor.
IP address	Added that support IP address ending configuration with .255 (.0).
WEB	Support that when Logout Succeeded, it automatically change to login page.
System	Support that when DUT ip address is changed, it will automatically change url.
Update	Description
WEB	Fixed that when ip change, WEB will automatically change url, but sometimes show disconnection.
WEB	Fixed that when change the web page from "Port Packet Error Statistics" to "Port Packet Analysis Statistics". DUT may hang in the updating page.
CLI	Removed that 10Mbps speed parameter in command.
CLI	Fixed that LLAG port of show spanning-tree status and show spanning-tree statistic can't support 7 items in command.
CLI	Fixed that command can support "no snmp-server trap-type case-fan" issue.
SNMPc	Fixed that when use snmpc to assign management vlan, snmp will pop unsuccessful issue.
CLI	Modified the "Action port" command of ACL function to "Mirror/Redirect Port Number" command.
System	Fixed that it isn't default value after enter "no spanning-tree" and "no user tacacs tacacs-port".
SSH	Fixed that SSH can't work fine issue.
CLI	Fixed that there is no default value after enter "no qos queue-weighted".
CLI	Fixed that "source-l4-port any" Description error for ACL command.
Auto-backup	Fixed that auto-backup function can't work fine issue.
IGMP	Fixed that IGMP Filtering Title on WEB has not difference between ipv6 and ipv4 in Filtering.
Console	Fixed that when continue to type symbol on CLI, it will delay for a while.



WEB	Fixed that when on the edit trunk vlan page without any changing and exit will pop “duplicate name error” message.
Syslog	Fixed that when Auto Backup successfully, the syslog will send “auto backup file failed” issue.
ACL	Fixed that description of ACL command error.

Firmware Version 1.00.00

Date: 2017/12/21

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