

Software Release Note

ECS4510 Series

ECS4510-28T/28P/28F/52T/52P

Ver 0.2

Sep.18 2015

Table of Content

Revision History	3
1. Overview.....	4
2. System Versions.....	4
3. Fixes.....	4

Revision History

REVISION	DATE	CHANGES
0.1	Jun. 23, 2014	Bug Fixed, Enhancement
0.2	Sep. 18, 2015	Bug Fixed, Enhancement

1. Overview

Release Note version 0.2 shows new features and bug fixes mentioned as following table.

2. System Versions

No	Category	Versions
1	Firmware	V1.5.2.15

3. Enhancement / Fixes

Firmware Version: 1.5.2.15 / Sep. 7, 2015

No	Item	Description
1	Enhancement	Per process CPU usage monitoring
2	Enhancement	For stacking, separate data traffic from queue 7 on stacking port to ensure the higher priority of HBT/ISC packet
3	Enhancement	USB disk support on ECS4510 series
4	Enhancement	Enable/disable untag VLAN filed of TR101 format (CLI/SNMP part)
5	Enhancement	Support ECS4510-28T-DC and ECS4510-28F-DC
6	Enhancement	Support ECS4510-28T-DC and ECS4510-28F-DC on web
7	Enhancement	LLDP: enhance on critical section usage
8	Enhancement	Support CPU guard
9	Enhancement	For CLI, support Layer 2 protocol tunneling for LACP
10	Enhancement	For SNMP, support Layer 2 protocol tunneling for LACP
11	Enhancement	Display the total flash size in CLI 'dir' command for EC products.
12	Fix	For stacking, error message on slave if stacking link is connected before 2 units are powered on.
13	Fix	For stacking, DUT auto reboot after add 4K VLAN.

14	Fix	For looging send mail, when the hour/min/sec is in single digit, the preceding 0 is dropped
15	Fix	Diagnostics LED should be Blinking Amber while a system fan has failed.
16	Fix	For stacking, the DUT doesn't learning the mac-address when stacking the 8 units and snmpwalk overnight
17	Fix	No setting to adjust daylight saving at web GUI
18	Fix	PVID may be configured to a VLAN which a port does not join on hybrid or trunk mode. If the VLAN doesn't exist, the VLAN will be auto created.
19	Fix	When change power from main to redundant power, exception occurs
20	Fix	Can't see the RSPAN source port configuration on unit 2 when stacking
21	Fix	EPLD version in "show version" is incorrect
22	Fix	For stacking, The DUT will dump error message and automatically reboot after 10 mins when copy startup to running.
23	Fix	IGMPSNP entry count error
24	Fix	Switch generates TC when disconnect the device from operational edge port
25	Fix	Fluctuated link status of 10G port causes CPU 100% usage
26	Fix	snmpwalk "lldpXMedLocLocationInfo" will get error
27	Fix	All port statistics chart on web interface shows 0 packet in Broadcast Packets
28	Fix	Traffic segmentation: not work with hot removal/insertion
29	Fix	Displaying wrong info about MAC ACL hardware counters on web interface
30	Fix	Failed to write dynamic learned DHCPSPNP binding entries to flash
31	Fix	For stacking, during delete the 4K VLANS on 48 ports, users can not manage the DUT from telnet/web/snmp.
32	Fix	Traffic segmentation: not working with hot removal/insertion
33	Fix	For stacking, cannot renumber
34	Fix	Passive DAC cable causes CPU rising in stacking mode
35	Fix	VLAN: VLAN range 1~4093 is wrong, while featureList shows 1~4094
36	Fix	For stacking, DUT auto reboot after adding 4K VLAN.
37	Fix	Power status is not shown when executing "show system" in a standalone unit where unit_id !=1
38	Fix	No IP DHCP snooping information option circuit-id on one port, then causes exception
39	Fix	SWDRV_MONITOR thread spends some CPU time every second
40	Fix	For stacking, master unit can't correctly show all units' information

41	Fix	When changing power between main power supply and redundant power supply, PoE would not provide power
42	Fix	When master of stacked switch executes "copy startup running", it hangs and slave reboots
43	Fix	It takes long time to save/show config, when ECS4510 series stack with 8 units
44	Fix	Watchdog reboots system while show running configuration
45	Fix	When stacking, the unit ID is duplicated after assign unit id
46	Fix	1Q VLAN: DUT cannot show all maximum VLANs, and it exits CLI session automatically.
47	Fix	When stacking, DUT will hang at hot insertion phase and cause software watchdog timeout reboot after 10 minutes
48	Fix	When stacking, FS synchronizing run time takes long time and watchdog will time out which causes reboot
49	Fix	Can't change admin password via web interface
50	Fix	L2Mgmt: Save the configuration and reboot, the alarm rising from process CPU will become default.
51	Fix	Software checking port up/down spends more time
52	Fix	When stacking, the DUT dumps an error message "[MSL-ERROR] msl_intf_stacking_isc_send[2833]: Send ISC fail" during overnight test
53	Fix	MLDv2: Can't change query interval by SNMP.
54	Fix	RMON: Input snmpset command by net-snap, the system shows exception log.
55	Fix	When removing spanning tree MSTP mode then switch will hang in boot process
56	Fix	When synchronizing the runtime, open telnet session and call "dir", system will hang and cause SW watchdog timeout.
57	Fix	Traffic segmentation can't stop communication between downlink port of slave units
58	Fix	Applying "no lldp med-tlv ext-poe" to slave unit but it's applied to master unit

59	Fix	ECS4510 CPU handle 50+ packets when applying jumbo frame, and CPU is able to handle 250+ packets when disabling jumbo frame
60	Fix	The displayed message of traffic-segmentation should not be private vlan.
61	Fix	Switch does not have DHCP snooping binding table when DHCP client obtains IP address
62	Fix	MAC-base VLAN should dynamically add VID to port interfance

Firmware Version: 1.5.2.2 / Jun. 23, 2014

No	Item	Description
1	Enhancement	Support MSTP instances to 65 (64 MSTI + 1 CIST).
2	Enhancement	Add MAC address of TC sender to log.
3	Enhancement	Command "mac-address-table hash-lookup-depth 32" can be displayed in running config.
4	Enhancement	Support HW Stacking feature
5	Fix	When configure packet-rate with invalid setting, DUT should not disable this StormBcast.
6	Fix	CLI prints error message and has no response when create/delete maximum groups.
7	Fix	Show running-config error after change username access-level. Note: changed design of admin and guest account: switch with f/w ver. 1.5.2.2 (includes newer versions) will create admin/guest account automatically. In order to disable default accounts, user have to apply "no username admin/guest" manually and save it to startup-config again
8	Fix	We cannot enable this mac-notification per port through WEB page.
9	Fix	DUT will not respond and reboot automatically after 10mins when show running-config.