Gigabit Ethernet Switch ECS5550-54T/ECS5550-30X

***Phase 3 Firmware Version 3.1.6.253***

**INTRODUCTION:**

The **ECS5550-54X** is a 48\*10G SFP+ ports plus 6\*100G QSFP+ uplink ports L2+/L3 10GbE Switch.

The **ECS5550-30X** is a 24\*10G SFP+ ports plus 6\*100G QSFP+ uplink ports L2+/L3 10GbE Switch.

Local Console Management (LCM) allows the user to monitor and configure the ECS5550 Series from a VT-type terminal. LCM can be used to configure features such as SNMP community names and access rights, Port Enable/Disable, firmware downloads, and Device IP address as well as most other parameters. LCM can also provide statistical and diagnostic information about the entire device or an individual port.

Management of the switch is password protected; the same password is used for LCM and for the Web browser interface. Prior to accessing the Management Module via a network connection, a valid IP address, subnet mask, and in some cases a default gateway must be configured using an out-of-band connection or the DHCP protocol. The management option provides SNMP, RMON (4 groups: 1,2,3,9), and Web management for system control and statistical monitoring.

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| **It is recommended that one thoroughly review this release notes prior to the installation or upgrade of this product.** |

**Firmware Specification:**

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| --- | --- | --- | --- |
| **Status** | **Version No.** | **Type** | **Release Date** |
| EIT/NTC Testig Version | 3.1.6.253 | EIT/NTC Test Version Gitlab:Simba Main Branch | 2025/7/29 |
| NTC Testig Version | 3.1.5.253 | EIT/NTC Test Version Gitlab:Simba Main Branch | 2025/7/21 |
| EIT/NTC Testig Version | 3.1.4.253 | EIT/NTC Test Version Gitlab:Simba Main Branch | 2025/7/1 |
| EIT/NTC Testig Version | 3.1.3.252 | EIT/NTC Test Version Gitlab:Simba Main Branch | 2025/6/20 |
| NTC Testig Version | 3.1.2.251 | NTC Test Version Gitlab:Simba Main Branch | 2025/6/3 |
| EIT Testig Version | 3.1.1.251 | EIT Test Version Gitlab:Simba Main Branch | 2025/5/16 |
| NTC Testig Version | 2.4.8.251 | NTC Test Version Gitlab:Simba Main Branch | 2025/3/27 |
| EIT Testig Version | 2.4.7.251 | EIT Test Version Gitlab:Simba Main Branch | 2025/3/24 |
| EIT Testig Version | 2.4.6.251 | EIT Test Version Gitlab:Simba Main Branch | 2025/3/17 |
| NTC Testig Version | 2.4.5.251 | NTC Test Version Gitlab:Simba Main Branch | 2025/2/17 |
| EIT Testig Version | 2.4.4.251 | EIT Test Version Gitlab:Simba Main Branch | 2025/2/5 |
| EIT/NTC Testig Version | 2.4.3.244 | EIT/NTC Test Version Gitlab:Simba Main Branch | 2024/12/24 |
| EIT Testig Version | 2.4.2.244 | EIT Test Version Gitlab:Simba Main Branch | 2024/12/16 |
| NTC Testig Version | 2.4.1.244 | NTC Test Version Gitlab:Simba Main Branch | 2024/11/19 |
| EIT Testig Version | 2.4.0.244 | EIT Test Version Gitlab:Simba Main Branch | 2024/11/11 |
| EIT/NTC Testig Version | 1.1.6.243 | EIT/NTC Test Version Gitlab:Simba Main Branch | 2024/9/24 |
| EIT/NTC Testig Version | 1.1.5.243 | EIT/NTC Test Version Gitlab:Simba Main Branch | 2024/9/6 |
| NTC Testig Version | 1.1.4.243 | NTC Test Version Gitlab:Simba Main Branch | 2024/8/8 |
| EIT Testig Version | 1.1.3.243 | EIT Test Version Gitlab:Simba Main Branch | 2024/7/29 |
| EIT Testig Version | 1.1.2.242 | EIT Test Version Gitlab:Simba Main Branch | 2024/6/24 |
| NTC Testig Version | 1.1.1.242 | NTC Test Version Gitlab:Simba Main Branch | 2024/6/19 |
| EIT Testig Version | 1.1.0.242 | EIT Test Version Gitlab:Simba Main Branch | 2024/5/31 |

LOADER:

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| --- | --- | --- | --- |
| **Status** | **Version No.** | **Type** | **Release Date** |
| EIT/NTC Test Version | 1.0.4 | Gitlab:Uboot.git Branch: ECS5550 (2024/6/18) | 2024/6/18 |
| Test Version | 1.0.3 | Gitlab:Uboot.git Branch: ECS5550 (2024/6/5) | 2024/6/5 |
| Test Version | 1.0.0/1.0.1/1.0.2 | Gitlab:Uboot.git Branch: ECS5550 (2024/5/31) | 2024/5/31 |

**HARDware compatibility:**

Please see the ECS5550\_Transceiver List\_20240615.xlsx

**BootPROM compatibility:**

ALL

**Network Management Software Support:**

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| --- | --- | --- |
| **NMS Platform** | **Version No.** | **Module No.** |
| TBD |  |  |

If you install this image, you may not have control of all of the latest features of this product until the next version(s) of network management software. Please review the software release notes for your specific network management platform for details.

**SUPPORTED FUNCTIONALITY:**

Please see the ECS5550\_FeatureSpec\_20250516.xlsx

**Installation and Configuration Notes:**

In general, the ECS5550 L2+/L3 Series **Switch** will be shipped to you pre-configured with this version of firmware. If you would like to upgrade an existing ECS5550 L2+/L3 Series **Switch,** please follow the TFTP download instructions that are included with your firmware image upgrade kit.

**Firmware Changes and Enhancements:**

**The following Known Issues have been fixed in this release of firmware.**

**Loader V1.0.0/V1.0.1/1.0.2**

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| --- | --- | --- |
| 1 | N/A | Init code with sdk 12-2023.10 |
| 2 | N/A | Add EPS6800 dts |
| 3 | N/A | The issue with the ATF not properly allocating the address space for PCIe |
| 4 | N/A | Add patch of Accton tools |
| 5 | N/A | The memory mapping issue in U-Boot has been identified and will be resolved |
| 6 | N/A | Add led blink during boot up and default boot up script |
| 7 | N/A | Add script of build u-boot |
| 8 | N/A | Add tool of loader image signature |
| 9 | N/A | Adjust script for simba |
| 10 | N/A | Add ams header for simba driver |
| 11 | N/A | fix first icmp packet not respond when direct connect win10 system |
| 12 | N/A | add docker build script and README.md |
| 13 | N/A | set serdes config by hardware |
| 14 | N/A | chnge nor and emmc flash partition |
| 15 | ECS5550EC-46 | modify settings to adapt to new SPI FLASH/eMMC partition layout and add script to generate ext4 filesystem image |
| 16 | ECS5550EC-171 | ECS5550 adjust uboot display log |
| 17 | ECS5550EC-176 | add recovery handle to uboot |
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**Loader V1.0.3**

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| 1 | ECS5550EC-181 | ECS5550 Warmstart function can not work |
| 2 |  |  |

**Loader V1.0.4**

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| 1 | ECS5550EC-195 | CLI displays "Current loader baudrate is missing" when doing factory default |
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**Runtime V3.1.6.253, Loader V1.0.4 base on V3.1.5.253**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-790 | 9c591b89 | Web UI display acc and auth portnumber error for radius global configuration |
| 2 | ECS5550EC-792 | c846e884 | [5550] add L3 DHCP VLAN has config failed |
| 3 | ECS5550EC-791 | 08141e50 | L3 System: Get the OSPF MIB and show running on DUT; System is halted and rebooting itself |
| 4 | ECS5550EC-789 | 08141e50 | OSPF MIB: Get the MIB object "ospfIfTable"; it return error and session interrupt |
| 5 | ECS5550EC-793 | 074ca536 | after setting the ip ssh authentication-retries ,the actual value will be reduced by one time |

**Runtime V3.1.5.253, Loader V1.0.4 base on V3.1.4.253**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-769 | 5ad9cba1  1cd3d596 | [Enhancement] Craft IP support to be set in Web |
| 2 | ECS5550EC-766 | a8656b0b  5e1f1da1 | L3 System: Get the SNMP object “ospfLsdbEntry”; System is halted and rebooting itself. |
| 3 | ECS5550EC-770 | a25c5dca  1d61875d | OSPFv2: Cannot delete ospf area in VLAN configuration |
| 4 | ECS5550EC-775 | 97580db7 | OSPFv3: Remove area 0.0.0.0 in VLAN; DUT delete all OSPF area setting |

**Runtime V3.1.4.253, Loader V1.0.4 base on V3.1.3.252**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-761 | 77659e55  4b7d86df  2ec0450b | When we create VLAN interface 20 and assign IP address to it,“interface vlan 20” appear twice in the running config |
| 2 | ECS5550EC-752 | 1c46af63 | [SNMP-0300, 0320, 0570, 0580, 0590, 0610, 0740, 0750, 0820, 0830, 0890, 0900, 0910, 0920, 0930, 0940, 0950, 0960, 0970, 0980 ] The DUT will crash when I create SNMP user |
| 3 | ECS5550EC-760 | 1bd5f3b4 | MAC-vlan: DUT does not reject invalid MAC VLAN entry |
| 4 | ECS5550EC-751 | 97f355e7 | PBR: The DSCP 0 disappeared when the route-map was bound to the interface |
| 5 | ECS5550EC-755 | 46679349 | DoS-Protection: The Nessus scan finds some vulnerabilities:  104743 - TLS Version 1.0 Protocol Detection  157288 - TLS Version 1.1 Deprecated Protocol |
| 6 | ECS5550EC-758 | adf64777 | L3-Stress\_IGMP: After running IGMP for a while, the CLI hangs up |
| 7 | ECS5550EC-756 | 7bed8617 | Refine "show license" command according to spec change |
|  | ECS5550EC-762 | a14240e0 | ECS5550 stacking version covert to standalone version casue system crash |

**Runtime V3.1.3.252, Loader V1.0.4 base on V3.1.2.252**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-721 | ac7a86bb | OSPFv2: Failed to write some viryual-link timer setting to running configuration. |
| ~~2~~ | ~~ECS5550EC-751~~ | ~~58492028~~ | ~~PBR: The DSCP 0 disappeared when the route-map was bound to the interface.~~ |
| 3 | ECS5550EC-750 | 58492028 | PBR: The DSCP value is changed when incoming packets match the ACL and the route-map is deny type. |
| 4 | ECS5550EC-724 | 3eaea1a9 | OSPFv3: The warning message is incorrect as configure OSPF interface setting under inactived status. |
| 5 | ECS5550EC-723 | 032bb083 | OSPFv2/V3: The warming message is incorrect as global enable OSPF with inactived status. |
| 6 | ECS5550EC-728 | 5375aa14 | OSPFv2: Failed to write some interface setting to running configuration. |
| 7 | ECS5550EC-733 | 7a7d3ec5 | Optimize the response time of the reset configuration process |
| 8 | ECS5550EC-731 | a80b26a4 | CLI: Some unexpected messages are displayed when the DUT is reloaded. |
| 9 | ECS5550EC-738 | 42c0f5c3 | Rate limit and meter: The rate limit mode is changed from L1 to L2 |
| 10 | ECS5550EC-743 | ea8290cc | need new feature : stop-only mode for accounting |
| 11 | ECS5550EC-740 | 3a750f54 | Selective QinQ: The DUT learns the incorrect VLAN tag when the Selective QinQ vlan\_range is configured |
| 12 | ECS5550EC-737 | fd8cd2c0 | Enhance xfer commands according to spec v1.21 |
| 13 | ECS5550EC-697 | 5d3a1a01 | IGMP: The DUT still sends a G.S query after receiving the join report again |
| 14 | ECS5550EC-725 | 3bdaabc0 | PIM: The warming message is incorrect as configure the PIM setting under inactived status |
| 15 | ECS5550EC-736 | cd863f58 | WEB: DUT not display PIM interface setting information |

**Runtime V3.1.2.252, Loader V1.0.4 base on V3.1.1.252**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-718 | bc1fa586 | OSPFv3: It always failed to set default-information originate in global setting. |
| 2 | ECS5550EC-710 | a31d885a | Remote License: get duplicate files after copying the same remote function license file many times |
| 3 | ECS5550EC-714 | af34c38d | MLAG: The CLI of DUT will freeze and reboot after 10 minutes when setting a non-existent port-channel member in an MLAG group. |
| 4 | ECS5550EC-713 | 9f5a58c4 | RIPng: The maximum allowed value for the update timer is 65,535, despite the descriptive range showing up to 2,147,483,647. |
| 5 | ECS5550EC-684 | 83db4343 | Function license check for L3 functions - RIPng, VRRP, PBR and UDP helper |
| 6 | NA | d9ad70b8 | ECCLOUD-5750 OpenSSL 3.3.0 integration with mgmtd |
| 7 | ECS5550EC-686 | 89a382fe | Function license check for L3 functions - OSPF/OSPFv3/BGP/null interface/loopack interface |
| 8 | ECS5550EC-687 | 33d643a7  962d578d | Function license check for L3 functions - IGMPv2/IGMPv3/PIM SM/SSM |
| 9 | ECS5550EC-539 | e12f87f4 | Selective QinQ vlan\_range with bitmask requirement for ECS5550 |
| 10 | ECS4150EC-715 | 5e051af4 | The default igmp snooping version is not 2 |
| 11 | ECS4150EC-716 | 5e051af4 | IGMP snooping version cannot be modified correctly |
| 12 | ECS5550EC-653 | 61f5e640 | IGMP: The group mode shows Invalid when the interface receives IGMPv2 report |
| 13 | ECS5550EC-720 | 0c18abfb | ZTPv6: After DUT execute download bootfile, system halted and return exception |
| 14 | ECS5550EC-480 | ef90a21a | MIB: Cannot get/set ospf setting and Show information by MIB |

**Runtime V3.1.1.252, Loader V1.0.4 base on V2.4.8.251**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-625 | b23cdb24 | Cppcheck find memory leak issue |
| 2 | ECS5550EC-629 | b06d033a | RIP: The DUT cannot counter the RecBad Packets when send the invalid RIP version |
| 3 | ECS5550EC-559  ECS5550EC-644 | ea0cabaf  50110827  ee2b449e | Enhancing the Radius feature can use Radius/TLS on Simba main to avoid CVE-2024-3596 |
| 4 | ECS5550EC-637 | d32ddb05 | Without backdoor - MD5 Checksum File Generation |
| 5 | ECS5550EC-282 | 7014eafc | Support function license |
| 6 | ECS5550EC-645 | 5d445e72 | ECS5550 support drying-gasp function on mgmt port |
| 7 | ECS5550EC-646 | 172a4631 | OSPFv2: Remove area 0.0.0.0 in any VLAN; DUT delete all OSPF VLAN setting |
| 8 | ECS5550EC-691 | 7f102416 | SelectiveQinQ Issue: Traffic Forwarding Failure on Port-Channel Configuration |
| 9 | ECS5550EC-692 | 32b06158 | BGP: The DUT will pop "% Unknown command:" message when disable the neighbor interface. |
| 10 | ECS5550EC-647 | 4eb947b3 | OSPFv2: After we save point-to-point network type setting; DUT cannot re-learn route from neighbor. |
| 11 | ECS5550EC-652 | 0c823a46 | WEB: DUT cannot display “LinkStateSummary”, “LinkStateASBRSummary” and “LinkStateExternalList” information. |
| 12 | ECS5550EC-693 | f9329e16 | Static LACP not removed correctly and admin-key anomaly |
| 13 | ECS5550EC-694 | bc1fa586 | Config: It's failed to reset configuration when change the PVID. |
| 14 | ECS5550EC-665 | aac8e4c2 | OSPF: After add area to DUT by WEB; CLI halted and rebooting itself |
| 15 | ECS5550EC-655 | 9e13d11a | PBR: After we bind PBR with ACL dscp-set 0; DUT reload itself |
| 16 | ECS5550EC-656 | 4b5e41eb | PBR: After we save and rebooting this DUT; it lose mutiple sequence setting |
| 17 | ECS5550EC-695 | 7441eb55 | IGMP: The groups can be added when adding static groups exceeds the maximum number. |
| 19 | ECS5550EC-696 | 011bfc3b | RIP: When receiving a 0.0.0.0 route with a subnet mask of 255.255.255.0, the DUT shall not update its routing table. However, the DUT currently does update the route table, which is incorrect behavior. |
| 20 | ECS5550EC-626 | 40faf6b6 | PIM: DUT cannot select correct RPF neighbor sometimes. |
| 21 | ECS5550EC-664 | ae4ef876 | PBR: After this 1st\_next-hop down; DUT cannot forward IP traffic to second next-hop |
| ~~22~~ | ~~ECS5550EC-697~~ | ~~a71fdac1~~ | ~~IGMP: The DUT still sends a G.S query after receiving the join report again.~~ |
| 23 | ECS5550EC-654 | c4b3ae37 | PBR: The route-map deny action would drop incoming packets |
| 24 | ECS5550EC-669 | 20a961bc  4d2ef745 | Function license redesign for subscribed license type |
| 25 | ECS5550EC-470 | 639cdada | OSPFv2: After we reload DUT and reset network type to broadcast from point-to-point. It prints error messages and ospf operation is failed. |
| 26 | ECS5550EC-698 | 3f481209 | IGMP: inject multicast streaming , show incorrect igmp snooping group m/r info |
| 27 | ECS5550EC-281 | 6f11d102 | Support remote license |
| 28 | ECS5550EC-699 | 31e9224b | VRRP: The priority of VRRP is incorrect value: 281470681743460. |
| 29 | ECS5550EC-701 | 8750bdae | Selective QinQ: The double-tagged configure of port will disappear when the port is changed to a trunk member. |
| 30 | ECS5550EC-702 | 8ffcb1a1 | The DUT is unable to send metric=16 (Poisoned Reverse) update packets when using the default configuration of RIPng. |
| 31 | ECS5550EC-627 | 18a6e412 | #40109 The MAC address won't be record if mapping to the selective QinQ CVID setting on the access port |
| 32 | ECS5550EC-703 | b65dd08b | MGMTD:there wiil be a logt of logs likes "Reject SNMP 127.0.0.1" when enable mgmtd |
| 33 | ECS5550EC-685 | 08eeb994 | The way to reset configuration or password without super passwrd |
| 34 | ECS5550EC-707: | e3ce5f5a | ECS5550 Sify SVI mode test can ping sucess |
| 35 | ECS5550EC-621 | 4e59d5a8  2cadd44e | NTP: The DUT will freezing and reboot when added and delete the ntp server more times |

**Runtime V2.4.8.251, Loader V1.0.4 base on V2.4.7.251**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-468 | 2fe51cd8 | OSPFv2: DUT cannot re-learn route as remove stub network setting from all DUTs. |
| 2 | ECS5550EC-622 | dbb8c519 | SelectiveQinQ: The DUT will freezing and reboot when configure the selective replace and change to port-channel. |
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**Runtime V2.4.7.251, Loader V1.0.4 base on V2.4.6.251**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-607 | 49d8a659 | Enhancement: The add command is used to view the status of the spanning tree added to a specified VLAN. |
| 2 | ECS5550EC-575 | 3636b37a | Traceroute: DUT cannot respond the traceroute. |
| 3 | ECS5550EC-566 | 5f274b48 | IGMP\_Web: The help page does not contain any IGMP information. |
| 4 | ECS5550EC-563 | cd792880 | IGMP\_MIB: The error message is showed in CLI if the IGMP version is set to 1 via the MIB. |
| 5 | ECS5550EC-609 | d67b9acc | Configure alias name cause CLI task crash. |
| 6 | ECS5550EC-611 | 13462a52 | Modify the method of comparing version No. |
| 7 | ECS5550EC-610 | 4ba28eb2 | Without backdoor - Modified version name. |
| 8 | ECS5550EC-601 | 6650f079 | OSPFv3: After we reset distribute static metric on v2.4.5.251; DUT learn incorrect metric value. |
| 9 | ECS5550EC-567 | 085f860a | IGMP: The range of max response interval is incorrect. |
| 10 | ECS5550EC-565 | 36171a75 | IGMP\_MIB: The robustness can be set via MIB. |
| 11 | ECS5550EC-560 | 769ce1e3 | OSPFv2: Remove virtual-link setting,DUT still learn route from virtual-link |
| 12 | ECS5550EC-598 | 769ce1e3 | OSPFv2: Remove vortual-link setting; DUT still learn external route from different area. |
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**Runtime V2.4.6.251, Loader V1.0.4 base on V2.4.5.251**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-571 | b688a57b | The DUT will add RIP routing entries when sending an unknown version of the RIP response. |
| 2 | ECS5550EC-573 | 397ddf82 | IGMP: Adding the static groups would remove the existing dynamic groups. |
| 3 | ECS5550EC-558 | 90cdf1e6 | IGMP: Timer is wrong when DUT receives igmpv1 join report. |
| 4 | ECS5550EC-602 | 02acdc43 | RIPng: The last command does not reappear when using the up key. |
| 5 | ECS5550EC-595 | 2d15abdf  a6455c6b | All simba delete watchdog logfile command and add copy log command |
| 6 | ECS5550EC-605 | 8e9338c9 | Without backdoor - Remove runtime backdoor 、Linux backdoor and super account |
| 7 | ECS5550EC-547 | 4c92156 | Reset command: After we reset configuration on Port, it display invalid dhcpsnp setting in running. |
| 8 | ECS5550EC-603 | bc552e5f | RIP: RIP did not redistribute OSPF routes to the neighbor. |
| 9 | ECS5550EC-570 | 48a1d59d | PIM: DUT cannot select new RPF neighbor as original RPF neighbor is down. |
| 10 | ECS5550EC-561 | 48a1d59d | SelectiveQinQ: Cannot configure the double-tagged when enabled dot1q-tunnel system-tunnel-control, but reverse settings is success. |
| 11 | ECS5550EC-572 | 48a1d59d | PIM: The host cannot receive any packets from other neighbors as original upstream neighbor down. |
| 12 | ECS5550EC-597 | 48a1d59d | PIM: Shutdown interface on original RPF neighbor; DUT cannot send Join to new RPF neighbor. |
| 13 | ECS5550EC-596 | d177b181 | Enhancemnet: Add gdb tools |

**Runtime V2.4.5.251, Loader V1.0.4 base on V2.4.4.251**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-506 | 0d915511 | [Enhancement]：ECS5550 PBR develpment |
| 2 | ECS5550EC-552 | 7ce97e61 | [Enhancement]：Logging console period requirements. |
| 3 | ECS5550EC-550 | ddd623aa | [Enhancement]Selective QinQ can remove c-tag |
| 4 | ECS5550EC-553 | 233b41be  1d77b01b | [Enhancement]Selective QinQ can set CVID as specify range. |

**Runtime V2.4.4.251, Loader V1.0.4 base on V2.4.3.244**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-525 | d363eaeb | OSPFv2: Failed to reset default-cost in global setting. |
| 2 | ECS5550EC-529 | 234a2913 | OSPFv3: After we reset redistribute connected metric-type,DUT remove all metric-type setting of all redistribute routes. |
| 3 | ECS5550EC-528 | 79e56352 | BGP: Configure the BGP timer if it does not meet the described hold time requirements. |
| 4 | ECS5550EC-531 | 79e56352 | BGP: The description of hold time is not match the behveior |
| 5 | ECS5550EC-504 | 71e06163 | ECS5550 support RIPng function |
| 6 | ECS5550EC-485 | 557a6b5f | IPv4-StaticRoute: The static route with null interface cannot be added by WebUI. |
| 7 | ECS5550EC-487 | 3891248e | WEB: DUT cannot display any ospf area\_id information. |
| 8 | ECS5550EC-488 | 3891248e | WEB: Failed to set ospf area range. |
| 9 | ECS5550EC-489 | 4c0d0875 | WEB: Failed to add ospf redistribute route over two. |
| 10 | ECS5550EC-490 | c80175fb | WEB: After we configure ospf summary address, it lose WEB link |
| 11 | ECS5550EC-491 | c31c3254 | WEB: Failed to set ospf interface setting, and all interface setting value is zero. |
| 12 | ECS5550EC-537 | c6df5c95 | SW Watchdog Timeout due to thread GVRP\_GROUP |
| 13 | ECS5550EC-496 | 120c8792  17883276  b09e5675 | WEB: Not display any ospf neighbor information. |
| 14 | ECS5550EC-494 | 5eb41a7c | WEB: Failed to display ospf interface setting information. |
| 15 | ECS5550EC-495 | 5eb41a7c | WEB: Failed to set ospf passive interface setting. |
| 16 | ECS5550EC-540 | be716bbc | ECS5550 Create VLAN will cause the configuration to fail when trunk ID is 27, 28 |
| 17 | ECS5550EC-507 | 22dae66b  5111dbc3 | OSPF Virtual link |
| 18 | ECS5550EC-505 | 9b23f36f | ECS5550 RipV1/V2 function verify |
| 19 | ECS5550EC-544 | 4de29ca1 | Rip web has some bug display or configure error |
| 20 | ECS5550EC-543 | fe2b5901 | Adjust and debug L3 multicast entry size |
| 21 | ECS5550EC-545 | fe2b5901 | verify lan-prune-delay default value in frr platform lib |
| 22 | ECS5550EC-546 | 84537ecb | ECS5550 OSPF Vitural link web page get and submit error. |
| 23 | ECS5550EC-548 | 3a38d461 | OSPF/OSPFv3: The default-metric wont work for redistribute route. |
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**Runtime V2.4.3.244, Loader V1.0.4 base on V2.4.2.244**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-514 | 12e6e61b | ECS5550 100G port can linkup |
| 2 | ECS5550EC-513 | dc9e5e17 | All simba - unit of measure using wrong unit |
| 3 | ECS5550EC-483 | d93f0384 | IPv4-StaticRoute: If an existing static route is set to null0, it cannot be deleted. |
| 4 | ECS5550EC-497 | d93f0384 | IPv4-StaticRoute: Connected network can be set to null interface. |
| 5 | ECS5550EC-519 | 9a29c861 | [IGMP-Snooping-1070] The configuration cannot be saved when I shutdown interface ethernet |
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**Runtime V2.4.2.244, Loader V1.0.4 base on V2.4.1.244**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-454 | c84b96c7 | ECS5550 mgmtd add trunk failed and ratelimit setting 2.5G and 1G failed via snmp and web ui |
| 2 | ECS5550EC-459 | 6d609d4e | LLDP: Failed to save port\_id sub-type with interface-name. |
| 3 | ECS5550EC-475 | 3bed5fe0 | OSPFv3: The default redistribute static metric is incorrect |
| 4 | ECS5550EC-465 | 05fc69f2 | OSPF: The default redistribute static metric is incorrect |
| 5 | ECS5550EC-464 | 48e4e897 | BGP: When changing the Router-ID of DUT1 to 0.0.0.0, the router ID will be updated to 192.168.2.10 instead of 0.0.0.0 |
| 6 | ECS5550EC-461 | 9681d6de | [SNMP-0570, 0580, 0590, 0610, 0740, 0750, 0820, 0830, 0890, 0900, 0910, 0920, 0930, 0940, 0950, 0960, 0970, 0980 ] The DUT will crash when I create SNMP user |
| 7 | ECS5550EC-484 | 1edb2387 | SNMP: CLI shows "ospfd is not running" when SNMPWALK layer3Mgt. |
| 8 | ECS5550EC-477 | 68564ff3 | BGP: The user can configure the keepalive time and hold time to be equal. |
| 9 | ECS5550EC-481 | 783de480 | SSHv2: The DUT will display a "Segmentation Fault!" message when logging into the SSH session using a private key. |
| 10 | ECS5550EC-431 | ddbde848 | ECS5550 Configuring media type to SFP-Forced 2500SFP on port fails. |
| 11 | ECS5550EC-417 | 259c35ba | Hardware profile: Please remove 10G port from hardware profile list or deny setting in WEB |
| 12 | ECS5550EC-502 | 226d403e | ECS5550 mgmtd can not auto register |
| 13 | ECS5550EC-466 | 47058bff | BGP: When receiving more than 14,336 routing entries, the BGP session fails, cannot clear and re-learn the routing table |
| 14 | ECS5550EC-469 | c9d76a0 | OSPFv2: Add and removing no-summary to stub network setting, DUT cannot send out route data to its neighbor |
| 15 | ECS5550EC-498 | 64a78f81 | IPv4-StaticRoute: The static route with null interface cannot be added by SNMP |
| 16 | ECS5550EC-511 | 0fd93c4e  66137588 | ECS5550 Web UI Can't configure media type - 1000SFP, 2500SFP, 10GSFP, 100GQSFP, 40GQSFP |
| 17 | ECS5550EC-458 | 4d9baccc | [IPv6-MLD-SNP-0020, 0030, 0080, 0100, 0110, 0120, 0130, 0140, 0150] The DUT cannot recive IPv6 multicast data packets |
|  | ECS5550EC-460 | 4d9baccc | [IGMP-Snooping-0490] The DUT cannot recive multicast data packets with group IP 224.1.1.1 when DUT join IGMP snp group 224.1.1.1 |

**Runtime V2.4.1.244, Loader V1.0.4 base on V2.4.0.244**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-454 | 2f15b7e6  c84b96c7 | ECS5550 mgmtd add trunk failed and ratelimit setting 2.5G and 1G failed via snmp and web ui |
| 2 | ECS5550EC-456 | 34067258 | Add compatibility support and update profile/digest |

**Runtime V2.4.0.244, Loader V1.0.4 base on V1.1.6.243**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS4650EC-481 | b70798c0 | ECS4150&ECS4650 build error modify to Simba\_Main |
| 2 | ECS5550EC-165 | 1a1c49e8 | Backdoor lib build path issue |
| 3 | ECS5550EC-402 | 45d83979  26078e8c | Enhance http/https/ssh timeout disable |
| 4 | ECS5550EC-424 | 8beb9fa5 | ECS5550 Upgrade openssl3.3.0 and openssh9.8 to Simba main |
| 5 | ECS5550EC-431 | af551d27 | ECS5550 Configuring media type to SFP-Forced 2500SFP on port fails. |
| 6 | ECS5550EC-413 | c2864bd6 | Add OSPF for Phase2 |
| 7 | ECS5550EC-416 | c2864bd6 | Add OSPFV3 for Phase2 |
| 8 | ECS5550EC-425 | c2864bd6 | Add BGP for Phase2 |
| 9 | ECS5550EC-438 | c2864bd6 | ECS5550 support and test VRRP function |
| 10 | NA | c2864bd6 | Support UDP help/Loopback interface/Null Interface/IPv6 ECMP |
| 11 | ECS5550EC-432 | a8cb9523 | Need to update the mgmtd to the latest version V1.8.33-17466 |
| 12 | ECS5550EC-418 | ceb6e21d | DHCP-SNP: Reload this DUT, it lose maximum circuit-id setting. |
| 13 | ECS5550EC-425 | 55f623ce | Unit test and development for BGP of Phase2.[extcommunity-list] |
| 14 | ECS5550EC-413 | 2cdcafa0 | Unit test and development for OSPF of Phase2.[router-id] |
| 15 | ECS5550EC-421 | 594643bb | [SNMP-0350,0360] UDP\_Port is not 162 on SNMP table. |
| 16 | ECS5550EC-428 | 36006328 | Getting the userAuthMethod value in MIB is incorrect |
| 17 | ECS5550EC-437 | c78ffc6a | #39024 When reboot 1 of the MLAG unit, the ping cross MLAG units possible timeout over 15 seconds. |
| 18 | ECS5550EC-400 | 24b100ec | #37804 Request to support LLDP information send and display with physical interfaces information instead of Trunk\_ID. |
| 19 | ECS5550EC-430 | 8a0aec31 | When the port type is 2500SFP, enabling the port rate limit fails. |
| 20 | [ECS5550EC-453](https://accton-group.atlassian.net/browse/ECS5550EC-453) | 9c8e51c3 | mgmtd function can not work |

**Runtime V1.1.6.243, Loader V1.0.4**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-354 | 7ae2f151 | Traffic Segmentation: Packet will dropping when change uplink to downlink or back to normal port. |
| 2 | ECS5550EC-349 | f67fb496 | MVR6: MVLAN Group field cannot be counted when the source port receives the report message. |
| 3 | ECS5550EC-340 | c01ca87b | [RateLimit-0040] The Egress receive packets is worng when I set rate-limit output. |
| 4 | ECS5550EC-403 | 5ae85d53 | WEB: Incorrect maximum dhcp-snp circuit-id configured range |
| 5 | [ECS5550EC-404](https://accton-group.atlassian.net/browse/ECS5550EC-404) | 5ae85d53 | [WEB: Incorrect maximum Relay remote-id configured range.](https://accton-group.atlassian.net/browse/ECS5550EC-404) |
| 6 | ECS5550EC-394 | 02f29f6a | DHCP-SNP: DUT doesn't reject to set maximum remote-id over 246 strings. |
| 7 | ECS5550EC-395 | 02f29f6a | DHCP-SNP: DUT doesn't reject to set maximum circuit-id over maximum strings. |
| 8 | ECS5550EC-367 | 833d7ad0  489a6838 | [ECS5550-30X/54X]XCVR IOT: WaveLength/LinkLength/Compliance mismatch between master site and end site by breakout cable and other transceivers. |
| 9 | ECS5550EC-357 | bfc0d04f | ECS5550-30X/54X]XCVR IOT: Packet can't forwarding and show error message after hot swap of cable/optics between ports. |
| 10 | ECS5550EC-412 | d0863b30 | Delete sftp without password function command |
| 11 | ECS5550EC-405 | 2b35aadb | ACL: The counter of ACL that has 484 ACE cannot count after saving and restarting |
| 12 | ECS5550EC-411 | 2b35aadb | [IPv4-SourceGuard-0090] The static IPSG binding cannot work after reload. |
| 13 | ECS5550EC-414 | f1a56bd1  7ba7f470 | Web not support media-type 100g/2.5G on port interface |
| 14 | ECS5550EC-415 | 6a88c868 | ECS5550 does not require support for power save and cable diag functions, and the ACL trunk binding function needs to be removed |
| 15 | ECS5550EC-371 | 5dea9125 | [ECS5550-54X]XCVR IOT: Sometimes Port 7-8 can't linkup when use ET4202 1G transceivers to un-plug and re-plugin. |
| 16 | ECS5550EC-376 | 5dea9125 | [ECS5550-30X/54X]XCVR IOT: Sometimes Port3 linkdown(other Ports normal) when use ET4251-LXI and ET4251-EXI transceivers to un-plug and re-plugin. |

**Runtime V1.1.5.243, Loader V1.0.4**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-338 | 8dde58b2 | [CraftPort-0030] Cannot setup IPv6 link-local address on craftport. |
| 2 | ECS5550EC-116 | f4f44bcd | LACP: ACL can not be binding on the port-channel. |
| 3 | ECS5550EC-362 | b65d9fce | Filter out the ICMP timestamp requests (13), and the outgoing ICMP timestamp replies (14) for security scan. |
| 4 | ECS5550EC-360 | 29f39edd | Enable support for TLS 1.2 and/or 1.3, and disable support for TLS 1.1. |
| 5 | ECS5550EC-361 | b65d9fce | Disable the Telnet service and use SSH instead for Security scan. |
| 6 | ECS5550EC-363 | af11661f | SSL Certificate Chain Contains RSA Keys Less Than 2048 bits for Security scan. |
| 7 | ECS5550EC-368 | 0dddc7ae | LLDP: When the lldp subtype is interface, but the port-id still is mac in local detail information. |
| 8 | ECS5550EC-372 | c2e3b678 | MDNS: mdns PTR multicast traffic drop issue. |
| 9 | ECS5550EC-374 | c300ec1d | LACP: The ports of 40G cannot form LACP. |
| 10 | ECS5550EC-346 | 8ef7d258 | DHCP-SNP: DUT send out remote-id option with incorrect string |
| 11 | ECS5550EC-347 | 8ef7d258 | DHCP-SNP: DUT cannot forward DHCP packets as set maximum 255 circuid-id on Port. |
| 12 | ECS5550EC-348 | 8bd4e15a | DHCP Relay: DUT send out incorrect remote-id as set maximum 255 remote-id. |
| 13 | ECS5550EC-374 | c300ec1d | LACP: The ports of 25G cannot form LACP. |
| 14 | ECS5550EC-356 | 25a2dfda | [ECS5550-30X/54X]XCVR IOT: Port display linkdown and LED light on/off continuous when use ET7402-DAC-3M/5M with connection to IXIA |
| 15 | ECS5550EC-358 | 25a2dfda | [ECS5550-30X/54X]XCVR IOT: Some 100G Ports link abnormal or always linkdown by ET7402-DAC-3M/5M |
| 16 | ECS5550EC-334 | 160abb4b | [Diffserv-1200-1490] If committed burst size set below 9000 kbps in "Police Flow", all packets will be drop. |
| 17 | [ECS5550EC-333](https://accton-group.atlassian.net/browse/ECS5550EC-333) | 160abb4b | [DoS-Protection-0070-0100] Minimum rate-limit(64~68 kbits) is not accurate. |
| 18 | ECS5550EC-366 | d48bdeeb | LACP: The DUT will pop DBG message when reboot the DUT more times. |
| 19 | ECS5550EC-379 | d3575d61 | XSTP:The 2.5G default STP path cost is missing. |
| 20 | ECS5550EC-128 | 06147902 | 100G/40G QSFP tranceiver DDM issue 1. checksum can not display on CLI 2.Web and SNMP only one TX/RX power not 4 lanes. |
| 21 | ECS5550EC\_378 | 3318cd00 | SSH: The login command always shows Telnet executed command. |
| 22 | ECS5550EC-365 | 25a2dfda | [ECS5550-54X]XCVR IOT: Sometimes Ports not ezsy linkup or always linkdown when use ET6402-10DAC-5M with connection to ECS5550-30X and ECS4150-54P |
| 23 | ECS5550EC-364 | 25a2dfda | [ECS5550-30X]XCVR IOT: Can't linkup when use ET6402-10DAC-5M with connection to ECS5550-54X or ECS4150-54P |
| 24 | ECS5550EC-359 | 25a2dfda | [ECS5550-30X/54X]XCVR IOT: Can't linkup with ECS4150-54T/54P when use ET7402-25DAC-3M/5M |
| 25 | ECS5550EC-393 | 07627a9b  9573602c | Switching from 4x25G to 4x10G, inserting the wrong optical module will pop up "Error on serdes 19: Eye is too small (size is 4). Training Failed" |

**Runtime V1.1.4.243, Loader V1.0.4**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-319 | 2560d14c | ECS5550-30X Web UI panel display modify |
| 2 | ECS5550EC-240 | a1e75b40 | [enhancement]: Add CPU and SWITCH temperature display on system options |
| 3 | ECS5550EC-325 | 11857703 | ACL: TCAM total entries display update. |
| 4 | ECS5550EC-326 | 0f537aba | support switchport Unknown-Unicast packet-rate with bps on mib |
| 5 | ECS5550EC-329 | 218651aa | 802.1x with port-security resolve build error for other project |
| 6 | ECS5550EC-304 | a1dce70f | VLAN: No license on device; but it can linkup and ping to PC. |
| 7 | ECS5550EC-330 | c460b0e5 | add Storm Control capability options for 100G & 40G. |
| 8 | ECS5550EC-331 | 5c4f291e | [StormCtrl-DLF-0010] Default "Unknown Unicast Storm Limit" unit is "packets/second" |
| 9 | ECS5550EC-332 | 07f67cd8 | Web Help Update |

**Runtime V1.1.3.243, Loader V1.0.4**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-214 | 92f7263a | Please some remove routing help page since DUT not support these freture. |
| 2 | ECS5550EC-211 | 56f074db | [AMTR-0050][MAC-Auth-0100] Dynamic learning MAC address still be cleared when renew aging timer by packet transmission. |
| 3 | ECS5550EC-227 | 65e6e048 | WEB: The maximum routes number is incorrect in Help. |
| 4 | ECS5550EC-218 | ccb24097 | [Mirror-PortBased\_old-0090] DUT can not mirror two port |
| 5 | ECS5550EC-216 | 27241cb9 | [MVR-0150][IGMP-Snooping-0730] No G-Query packets send out after enable MVR domain and set MVR source port mode to dynamic mode. |
| 6 | ECS5550EC-212 | 66ab5556 | VLAN: No license on device; but it can linkup and ping to PC. |
| 7 | ECS5550EC-209 | c2d15816 | Low probability found DEV error message after reset factory default. |
| 8 | ECS5550EC-267 | c2d15816 | Loopback-detection: Re-plug transceiver after port status as LBD, that will pop-out error message. |
| 9 | ECS5550EC-303 | c2d15816 | SmartPair:The DUT will pop failed message"DEV\_SWDRV\_BOARD\_SetPortTx\_Rx\_PpmConfig failed" when reboot the DUT. |
| 10 | ECS5550EC-229 | bd58fa0f  b0f3394 | DoS-Protection: TCP port 2601 is opened by default. |
| 11 | ECS5550EC-236 | a631e6afc | If configure the port description on lacp port-channel, the original port\_description on the interfaces will not be able to preserved. |
| 12 | ECS5550EC-220 | 1235fb90 | [L2SW-0360] flow control issue (no pause frame was received) |
| 13 | ECS5550EC-235 | f43f02d9 | DHCP-SNP: After we set circuit-id and remote-id over 256 chacters; DUT retuen exception and reboot itself. |
| 14 | ECS5550EC-208 | 54ccc262 | [USB-0050, USB-0120] no support delete usb file |
| 15 | ECS5550EC-244 | 6350ed1c | SSHv2: The project doesnot support DSA key, need to remove the help description. |
| 16 | ECS5550EC-247 | 05dc956c | mDNS: Can not ping the host name of mdns. |
| 17 | ECS5550EC-266 | 05dc956c | mDNS: The DUT can not response the query packets when send the query packet of MDNS from PC. |
| 18 | ECS5550EC-259 | 35102aa4 | DHCP Relay: After we set maximum remote-id strings and input Request; system halted and reboot itself. |
| 19 | ECS5550EC-206 | c06e4770 | [1QVLAN-0460] When jumbo disable, maximum double tag 1526 bytes packets cannot handling by DUT. |
| 20 | ECS5550EC-245 | 2bf4e84c | TACACSPlus-IPv6: Login the DUT by local account that is success when the TACACS server is invalid key. |
| 21 | ECS5550EC-251 | ed3cd982 | Mirror-ACL-Based: Cannot add port monitor ACL entry in some condition. |
| 22 | ECS5550EC-252 | ed3cd982 | Mirror-ACL-Based: ACL mirror entries can be removed when remove entries on another port. |
| 23 | ECS5550EC-262 | 71fe3aab | SelectiveQinQ: Can notconfigure the selective QinQ on Web or SNMP, but CLI is workable. |
| 24 | ECS5550EC-273 | 53055ed8 | MVR6: MVLAN cannot count when the source port receive report and done messages. |
| 25 | ECS5550EC-256 | 8be19f35 | Loopback-detection(WebUI): Lost the option of port-disable by action drop-down mean. |
| 26 | ECS5550EC-283 | a10a969a | ECS5550 Support 30x and Add Port Mapping |
| 27 | ECS5550EC-248 | 18fc7191 | Memory Utilization: The total memory display 0 |
| 28 | ECS5550EC-278 | df96e8717 | MVR: MVR groups cannot register when input multicast data to the source port. |
| 29 | ECS5550EC-237 | 68195ab6 | DHCP-SNP: The debug even information is incorrect. |
| 30 | ECS5550EC-243 | 84a02c3d | Ehance: ECS5550 Add ecCloud Management daemon on series switches |
| 31 | ECS5550EC-287 | c084df2f | AMTR: Reload this DUT, it cannot save static MAC to LACP trunk correctly. |
| 32 | ECS5550EC-301 | c084df2f | LACP: The static mac-address will disappear when save and reboot the DUT. |
| 33 | ECS5550EC-238 | 0ec3cac1  23c21bf7 | SNMP: The result is timeout when snmpwalk 1.3.6.1.4.1.259.10.1.62 |
| 34 | ECS5550EC-272 | ec2b772d | MVR6: The source port cannot send G-S query when it receives MLDv1 done on dynamic mode. |
| 35 | ECS5550EC-298 | a40f41f8 | Miss “show hardware profile portmode” command |
| 36 | ECS5550EC-299 | 654d82ee | ECMP: Cannot display the information of maximum-paths on "Show ip route summary" and "show running-config" |
| 37 | ECS5550EC-288 | 14f576eb | Telnet relay by cluster cause device auto reboot by watchdog |
| 38 | ECS5550EC-200 | 9ea1d669 | [RateLimit-0080][DoS-Protection-0070] Minimum rate-limit(64 kbits) is not working, all of packet will be block. |
| 39 | ECS5550EC-213 | 2607437d | [SNMP-0020] DUT should reject INVALID SNMP COMMUNITY && ECS5550EC-215 [SNMP-0070] DUT should reject wrong "snmp-server community string" format |
| 40 | ECS5550EC-215 | 2607437d | [SNMP-0070] DUT should reject wrong "snmp-server community string" format |
| 41 | ECS5550EC-207 | 9e84fb6b | Multicast packets will flooding when packets not learning on mac-table. |
| 42 | ECS5550EC-253 | 5af2d8d0 | Mirror-ACL-Based: Add MIB and WebUI management for this function. |
| 43 | ECS5550EC-293 | 60f294dc | IPv6-AddrConfig: Modify valid lifetime and preferred lifetime in prefix is useless. |
| 44 | ECS5550EC-292 | 60f294dc | IPv6-AddrConfig: Interface vlan cannot generate multiple addresses when it receives a RA that contains multiple prefix. |
| 45 | ECS5550EC-268 | c80cb2d0 | Copy SFTP: No any log generate when add-to-running-config to current system |
| 46 | ECS5550EC-306 | d04ace1a | L2SWSys: The DUT will pop debug message when reboot the DUT. |
| 47 | ECS5550EC-271 | 11ae6972 | Copy File USBdisk: No any log generate on USBdisk after transmit success |
| 48 | ECS5550EC-308 | d30bcab2 | SelectiveQinQ: Need to added the command for show dot1q interface port-channel x. |
| 49 | ECS5550EC-289 | c7a70f6f | DAI: Global enable ip arp inspection, DUT cannot forward unknown ARP packets from vlan-trunking ports. |
| 50 | ECS5550EC-276 | 1ce7e35b | MVR6: Behavior is different from MVR when the inactive receiver port receives join report. |
| 51 | ECS5550EC-307 | e205a8ad | Enhancement:EDS/MDS should carries the port informaiton in Port ID field |
| 52 | ECS5550EC-309 | 53740dfc | LACP: The ports of 100G cannot form LACP. |
| 53 | ECS5550EC-291 | f230a4d1 | VLAN-Translation: Auto create and remove 2 trunk 1 to vlan translation list after save vlan trasnslation configuration and reload. |
| 54 | ECS5550EC-264 | c3aab694 | MVR6: Behavior is wrong when source ports receive mld query. |
| 55 | ECS5550EC-265 | c3aab694 | MVR6: Source and receiver ports forward double query packets when the source port receives query on transparent mode. |
| 56 | ECS5550EC-210 | 588bb675  5b33ac30 | [StormCtrl-Mcast-0100, 0110] Fail to set switchport Unknown-Unicast packet-rate |
| 57 | ECS5550EC-263 | 90a92548 | ACL: last ACE of one IPv6 ACL cannot work |
| 58 | ECS5550EC-310 | 0cdffad2 | MLAG:The DUT will drop the traffic. |
| 59 | ECS5550EC-320  ECS5550EC-321 | 499e460f | [ECS5550EC-231](https://jira.accton.com:8443/browse/ECS5550EC-231) Fix smoe vulnerabilities via Nessus scan：   1. [ECS5550 vulnerabilities issue fix: filter the http request with Encoded Space (%20)](https://jira.accton.com:8443/browse/ECS5550EC-321) 2. [ECS5550 vulnerabilities issue fix：remove the SNMP Agent Default Community](https://jira.accton.com:8443/browse/ECS5550EC-320) |
| 60 | ECS5550EC-317 | 5bf3563e | snmp-server notify-filter not working |
| 61 | ECS5550EC-318 | 5bf3563e | Additional SNMP communities adoptd\_private and adoptd\_public |

**Runtime V1.1.2.242, Loader V1.0.4**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-223 | 2c402fbe | formal license can not work |

**Runtime V1.1.1.242, Loader V1.0.4**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-195 | bbac994e | CLI displays "Current loader baudrate is missing" when doing factory default |
| 2 | ECS5550EC-196 | 0a246e5a | Enhancement: Add macro of "format user-define" to remove compile error for other project. |
| 3 | ECS5550EC-152 | 160bed92 | MVR6: DUT crashed when received done message with immediate leave enabled config. |
| 4 | ECS5550EC-83 | 357a2f6e1 | Enhancement: hold-off timer functionality to delay the interface transition from up to down and vise versa |
| 5 | 1. ECS5550EC-148 | c13eb158 | MMU debug for 1G/10G/100g |
| 6 | 1. ECS5550EC-197 | 409f0f81 | adjust frequence difference of crystal oscillator CDCI6214 |
| ~~7~~ | 1. ~~ECS5550EC-198~~ | ~~a7fc17ab~~ | ~~Enhancement: SSH public key authentication~~ |
| 8 | 1. ECS5550EC-144 | 1bbe43a3 | mldsnp backdoor debug show err msg when receive mldv2 packets. |
| 9 | 1. ECS5550EC-91 | fd00aa36 | Enhancement: SFP module wavelength is not shown for Saimaa. |
| 10 | 1. ECS5550EC-81 | c2c7648f | Enhancement: Option to release the port from shut to no shut once storm is stopped |
| 11 | 1. ECS5550EC-130 | c326aa00 | Enhance：Support dhcpv6 option18&option37 RID and CIID |
| 12 | 1. ECS5550EC-79 | b69739bc | Need support Access-list on cpu port so customer can deny packet to cpu. |
| 13 | 1. ECS5550EC-201 | 7f0b4013 | [RFC2544] Throughput test will drop some packets |
| 14 | 1. ECS5550EC-204 | 30942ccd | Enhance：show running ‘ipv6 dhcp snooping vlan’ cannot be displayed |
| 15 | 1. ECS5550EC-202 | ab035973 | 1G LED incorrect: 1.LED flashes when there is no packet;2.LED goes off when there is packet |

**Runtime V1.1.0.242, Loader V1.0.1**

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| --- | --- | --- | --- |
| 1 | ECS5550EC-8 | 8f300e20 | Add new module ECS5550 |
| 2 | ECS5550EC-9 | 8f300e20 | ECS5550EC-9 Modify simba and build pass after upgrade sdk4.3.12 |
| 3 | ECS5550EC-25 | 8f300e20 | ECS5550 I2C read/write interface adaptation |
| 4 | ECS5550EC-30 | 8f300e20 | DMA get buffer address is NULL |
| 5 | 1. ECS5550EC-47 | 8f300e20  b1fa1d58  a66ec742 | ecs5550 port link issue debug |
| 6 | ECS5550EC-46 | 9d15f0ab | modify settings to adapt to new SPI FLASH/eMMC partition layout and add script to generate ext4 filesystem image |
| 7 | ECS5550EC-85 | cd6eb3b8 | ECS5550 ACL Specification adjustment to 9216 |
| 8 | ESS5550EC-87 |  | ecs5550 ping failed and delete stacking function |
| 9 | ECS5550EC-86 | fab2808c | uboot command "acc file" can't show 2 runtime |
| 10 | ECS5550EC-89 | d0bdf591 | ucmemory get incorrect project id in runtime |
| 11 | ECS5550EC-88 | bb447e1d  ddfd7d9c | Need remove L3 ospf/ospfv3/rip/bgp/route-map/vrrp form Phase1 |
| 12 | ECS5550EC-117 | 3de68056 | ecs5550 get temperature abnormal |
| 13 | ECS5550EC-119 | 8f1063f4 | Switch dropped the DHCP offer/ack packet if enabled the option 82 but server send the packet without option 82 instead option 0 |
| 14 | ECS5550EC-118 | 02a2f740 | When port join vlan 10(no default vlan 1) , and enable igmpsnp & igmpsnp vlan 10, the multicast data trap to CPU is with vlan 1 |
| 15 | ECS5550EC-120 | 22c09eca  ef08e5c5 | ecs5550 show systerm fan and temperature info error |
| 16 | ECS5550EC-124 | 8629bb23 | Net route works but all the packets will be traped and forwarded by CPU |
| 17 | ECS5550EC-48 | e68e088f | ECS5550 2.5G/40G/100G link debug |
| 18 | ECS5550EC-131 | 99215e9a | Remove L3 Multicast routing from 5550 Phase1. |
| 19 | ECS5550EC-121 | ca59b4fd | Adjusting the multicast entries size based on chip spec. |
| 20 | ECS5550EC-142 | 93bbe67d1 | "arp A.B.C.D xxxxxxxxxxxx" are lost in show running-cfg |
| 21 | ECS5550EC-123 | cacb064c | The default vlan with MVR is not same as json file. |
| 22 | ECS5550EC-92 | 324b5713 | Enhancement.Unable to set description of individual interface added in port-channel |
| 23 | ECS5550EC-80 | 5561a20e | Enhancement: Not able to configure the interface parameters with interface range |
| 24 | ECS5550EC-90 | 5561a20e | Enhancement: show int description is not supported(64-128 char) |
| 25 | ECS5550EC-145 | 5afd7d1d | SNMP remote user should not have supported V1/V2 |
| 26 | ECS5550EC-75 | 3e78f3a4 | Enhance: "show running-config interface etherent 1/1" on global config mode and interface config mode.(One Ott) |
| 27 | ECS5550EC-146 | fbeae1ea | ecs5550 show systerm power info issue |
| 28 | ECS5550EC-84 | 974f45cb | Enhancement: We need the rapid ping count for minimum 10000 -maximum 1000000 |
| 29 | NA | fe6458c2  da8322f3  7f5975ed | Porting xmpp from ecs4620\_28t  Refactor xmpp get-statistics handler for cpu/mem/disk/fan/temperature.  Add xmpp handler for port-channel. |
| 30 | ECS5550EC-126 | bbde193 | ECS5550 40G/100G support hardware breakout |
| 31 | ECS5550EC-153 | 0ea3bd8a | Jumbo frame: sending oversized packets is failed after jumbo frame is enabled. |
| 32 | ECS5550EC-110 | cf65a0ac  90dc3b4cc | Enhancement：log command |
| 33 | ECS5550EC-159 | 85a672ac | ECS5550 Rx\_LOS interrupt debug |
| 34 | ECS5550EC-154 | e7cac44e | MVR6:mvr6 port type can be set to recevier port when port mode is access. |
| 35 | ECS5550EC-160 | a074c06e | #33903 The default STP path cost is different with other brands and spec. |
| 36 | ECS5550EC-158 | 788ec6d7 | Enhancement： enhance the static lacp as we show in static-lacp sheet that still can display the lacp Trunk even not connected. Please refer to "static-lacp" sheet. |
| 37 | ECS5550EC-157 | 9d1f9676 | MVR6:Receiver port can be changed to access port. |
| 38 | ECS5550EC-163 | c0e2ac01  8d56d50c | XSTP:The 100G default STP path cost is missing. |
| 39 | ECS5550EC-97 |  | Enhancement: latency increase while pinging the neighbor switch |
| 40 | ECS5550EC-103 | 2ba026d1 | Enhance: Alarm to generate the Smart-pair |
| 41 | ECS5550EC-94 | 641d888a | Enhancement: traffic segmentation uplink requirement |
| 42 | ECS5550EC-156 | dffc2d57 | MVR6:When MVR6 is enabled,MLDSNP dynamic mrouter can not be created after receiver a general query. |
| 43 | ECS5550EC-132 | 13228644 | Add omissive show commands to "show tech-support". |
| 44 | ECS5550EC-139 | a12a4a91 | Enhancement: Add LBD action "port-disable" |
| 45 | ECS5550EC-134 | 3173bb4a  02bc5b21e | Enhancement: Save the output of "show tech\_support" onto flash |
| 46 | ECS5550EC-73 | 904aa9f6 | Enhancement: to support command "show mac-address-table count vlan" |
| 47 | ECS5550EC-106 | 64f7cea72 | Enhance: alarm to generate when the Tx/Rx power and Temperature crosses beyond the threshold |
| 48 | ECS5550EC-102 | 37d94615  968f8267f | Enhance DHCP option 82 setting remote ID from global mode to port interface. |
| 49 | ECS5550EC-78 | d1239016 | Enhancement: cannot alter the interface load interval |
| 50 | ECS5550EC-168 | 1279e676 | MVR default VLAN is 1 , but this configuration should stay hidden in the running config. |
| 51 | ECS5550EC-167 | 5a31ffc6 | ecs5550 dyinggasp interrupt debug |
| 52 | ECS5550EC-166 | 3ea9a7fb | 100G DAC can not link |
| 53 | ECS5550EC-76 | e34a766c3 | Enhancement: Terminal Monitor functionality to monitor the console logs |
| 54 | ECS5550EC-138 | df3d3f8d | Exclude vlan function |
| 55 | ECS5550EC-141 | a64bfc16 | TCP port 5151 will be scanned as open port via NMAP. |
| 56 | ECS5550EC-129 | e78859b2 | Enhance：Support dhcp option 82 user-define and policy of interface |
| 57 | ECS5550EC-111 | ff03f96d | Enhancement:temperature alarms threshold settting. |
| 58 | ECS5550EC-170 | d30a1a3d | Enhancement: Add HTTPS Timeout command |
| 59 | ECS5550EC-95 | a447d336 | Enhancement:Tacacs authorization failover requirement. |
| 60 | ECS5550EC-173 | c65f91f1  2a725ee4 | Add 100 GB in portCapabilities leaf of the portTable to mib |
| 61 | ECS5550EC-161 | 88a1dc9e | Need an enhancement for 802.1x with port-security on ECS5550 |
| 62 | ECS5550EC-172 | 8b827fe0 | SNMP returns a wrong value of the 2.5G/25G/40G/100G port |
| 63 | ECS5550EC-174 | 5e881e30 | runtime.bix is missing after updating ecos.img |
| 64 | ECS5550EC-127 | a20b3ef5 | Enhancement: Support mac-thrashing function for ECS5550 |
| 65 | ECS5550EC-169 | 94f4833b | debug 1G/2.5G/10G/40G/100G LED |
| 66 | ECS5550EC-178 | 6ee467fc | vulnerability issues |
| 67 | ECS5550EC-93 | 60640c13 | Enhancement Add reset the port configuration feature |
| 68 | ECS5550EC-99 | 0f3f57dfa | Enhance function：lacp bandwidth |
| 69 | ECS5550EC-109 | 081692ba | Enhancement:BPDU statistics is not visible and not able to find per vlan mstp root port |
| 70 | ECS5550EC-122 | f9570bdd | ECS5550 image profile porting |
| 71 | ECS5550EC-181 | 18ce5756 | Warmstart function can not work |
| 72 | ECS5550EC-180 | b748d73d | ECS5550 RTC debug |
| 73 | ECS5550EC-182 | 3478da32 | Enhancement: Add Radsec function |
| 74 | ECS5550EC-184 | d77eafec1 | ECS5550 RX\_LOS interrupt report time optimized |
| 75 | ECS5550EC-185 | 17b1d760 | When the switch connected to the RPL owner restarts the switch,the loop problem will occur on this ring |
| 76 | ECS5550EC-190 | e0ac771a | ECS5550 dyinggasp function remove |
| 77 | ECS5550EC-187 | fadf58c1 | Ehancement: User auth login failover requiement |
| 78 | ECS5550EC-111 | d4845f75 | Enhancement:temperature alarms threshold settting. |
| 79 | ECS5550EC-188 | 304b3b0f | debug front and rear LED |
| 80 | ECS5550EC-186 | 78ad4a9d | Need to register all tasks and threads to watchdog |
| 81 | ECS5550EC-192 | bf42bdae | remove CLI commands negotiation, speed-duplex, capabilities for ECS5550 |
| 82 | ECS5550EC-193 | f0f6d849 | Syslog memssages generated in flash and ram area ware cleared aftre restarting |
| 83 | ECS5550EC-104 | f50bb903 | Ehancement: The untag package can carry double tags  Ehancement: Seletive qinq function svid+ cvid replace svid+ new civd |
| 84 | ECS5550EC-27 |  | [ECS5550 add craft port support](https://jira.accton.com:8443/browse/ECS5550EC-27) |

**LOADER CODE modifications:**

**Loader V1.0.0/V1.0.1/1.0.2**

|  |  |  |
| --- | --- | --- |
| 1 | N/A | Init code with sdk 12-2023.10 |
| 2 | N/A | Add EPS6800 dts |
| 3 | N/A | The issue with the ATF not properly allocating the address space for PCIe |
| 4 | N/A | Add patch of Accton tools |
| 5 | N/A | The memory mapping issue in U-Boot has been identified and will be resolved |
| 6 | N/A | Add led blink during boot up and default boot up script |
| 7 | N/A | Add script of build u-boot |
| 8 | N/A | Add tool of loader image signature |
| 9 | N/A | Adjust script for simba |
| 10 | N/A | Add ams header for simba driver |
| 11 | N/A | fix first icmp packet not respond when direct connect win10 system |
| 12 | N/A | add docker build script and README.md |
| 13 | N/A | set serdes config by hardware |
| 14 | N/A | chnge nor and emmc flash partition |
| 15 | ECS5550EC-46 | modify settings to adapt to new SPI FLASH/eMMC partition layout and add script to generate ext4 filesystem image |
| 16 | ECS5550EC-171 | ECS5550 adjust uboot display log |
| 17 | ECS5550EC-176 | add recovery handle to uboot |
|  |  |  |

**RUNTIME CODE modifications:**

**Runtime V1.1.0.242, Loader V1.0.1**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-92 | 324b5713 | Enhancement.Unable to set description of individual interface added in port-channel |
| 2 | ECS5550EC-80 | 5561a20e | Enhancement: Not able to configure the interface parameters with interface range |
| 3 | ECS5550EC-90 | 5561a20e | Enhancement: show int description is not supported(64-128 char) |
| 4 | ECS5550EC-75 | 3e78f3a4 | Enhance: "show running-config interface etherent 1/1" on global config mode and interface config mode.(One Ott) |
| 5 | ECS5550EC-84 | 974f45cb | Enhancement: We need the rapid ping count for minimum 10000 -maximum 1000000 |
| 6 | NA | fe6458c2  da8322f3  7f5975ed | Porting xmpp from ecs4620\_28t  Refactor xmpp get-statistics handler for cpu/mem/disk/fan/temperature.  Add xmpp handler for port-channel. |
| 7 | ECS5550EC-126 | bbde193 | ECS5550 40G/100G support hardware breakout |
| 8 | ECS5550EC-110 | cf65a0ac  90dc3b4cc | Enhancement：log command |
| 9 | ECS5550EC-158 | 788ec6d7 | Enhancement： enhance the static lacp as we show in static-lacp sheet that still can display the lacp Trunk even not connected. Please refer to "static-lacp" sheet. |
| 10 | ECS5550EC-97 |  | Enhancement: latency increase while pinging the neighbor switch |
| 11 | ECS5550EC-103 | 2ba026d1 | Enhance: Alarm to generate the Smart-pair |
| 12 | ECS5550EC-94 | 641d888a | Enhancement: traffic segmentation uplink requirement |
| 13 | ECS5550EC-139 | a12a4a91 | Enhancement: Add LBD action "port-disable" |
| 14 | ECS5550EC-134 | 3173bb4a  02bc5b21e | Enhancement: Save the output of "show tech\_support" onto flash |
| 15 | ECS5550EC-73 | 904aa9f6 | Enhancement: to support command "show mac-address-table count vlan" |
| 16 | ECS5550EC-106 | 64f7cea72 | Enhance: alarm to generate when the Tx/Rx power and Temperature crosses beyond the threshold |
| 17 | ECS5550EC-102 | 37d94615  968f8267f | Enhance DHCP option 82 setting remote ID from global mode to port interface. |
| 18 | ECS5550EC-78 | d1239016 | Enhancement: cannot alter the interface load interval |
| 19 | ECS5550EC-76 | e34a766c3 | Enhancement: Terminal Monitor functionality to monitor the console logs |
| 20 | ECS5550EC-129 | e78859b2 | Enhance：Support dhcp option 82 user-define and policy of interface |
| 21 | ECS5550EC-111 | ff03f96d | Enhancement:temperature alarms threshold settting. |
| 22 | ECS5550EC-170 | d30a1a3d | Enhancement: Add HTTPS Timeout command |
| 23 | ECS5550EC-95 | a447d336 | Enhancement:Tacacs authorization failover requirement. |
| 24 | ECS5550EC-127 | a20b3ef5 | Enhancement: Support mac-thrashing function for ECS5550 |
| 25 | ECS5550EC-93 | 60640c13 | Enhancement Add reset the port configuration feature |
| 26 | ECS5550EC-99 | 0f3f57dfa | Enhance function：lacp bandwidth |
| 27 | ECS5550EC-109 | 081692ba | Enhancement:BPDU statistics is not visible and not able to find per vlan mstp root port |
| 28 | ECS5550EC-182 | 3478da32 | Enhancement: Add Radsec function |
| 29 | ECS5550EC-187 | fadf58c1 | Ehancement: User auth login failover requiement |
| 30 | ECS5550EC-111 | d4845f75 | Enhancement:temperature alarms threshold settting. |
| 31 | ECS5550EC-104 | f50bb903 | Ehancement: The untag package can carry double tags  Ehancement: Seletive qinq function svid+ cvid replace svid+ new civd |
|  |  |  |  |

**Runtime V1.1.1.242, Loader V1.0.4**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-196 | 0a246e5a | Enhancement: Add macro of "format user-define" to remove compile error for other project. |
| 2 | ECS5550EC-83 | 357a2f6e1 | Enhancement: hold-off timer functionality to delay the interface transition from up to down and vise versa |
| 3 | 1. ECS5550EC-144 | 1bbe43a3 | mldsnp backdoor debug show err msg when receive mldv2 packets. |
| 4 | 1. ECS5550EC-91 | fd00aa36 | Enhancement: SFP module wavelength is not shown for Saimaa. |
| 5 | 1. ECS5550EC-81 | c2c7648f | Enhancement: Option to release the port from shut to no shut once storm is stopped |
| 6 | 1. ECS5550EC-130 | c326aa00 | Enhance：Support dhcpv6 option18&option37 RID and CIID |
| 7 | 1. ECS5550EC-79 | b69739bc | Need support Access-list on cpu port so customer can deny packet to cpu. |
| 8 | 1. ECS5550EC-204 | 30942ccd | Enhance：show running ‘ipv6 dhcp snooping vlan’ cannot be displayed |
|  |  |  |  |

**Runtime V1.1.3.243, Loader V1.0.4**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-283 | a10a969a | ECS5550 Support 30x and Add Port Mapping |
| 2 | ECS5550EC-243 | 84a02c3d | Ehance: ECS5550 Add ecCloud Management daemon on series switches |
| 3 | ECS5550EC-307 | e205a8ad | Enhancement:EDS/MDS should carries the port informaiton in Port ID field |
|  |  |  |  |

**Runtime V1.1.4.243, Loader V1.0.4**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-240 | a1e75b40 | [enhancement]: Add CPU and SWITCH temperature display on system options |

**Runtime V2.4.0.244, Loader V1.0.4 base on V1.1.6.243**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-402 | 45d83979  26078e8c | Enhance http/https/ssh timeout disable |
| 2 | ECS5550EC-424 | 8beb9fa5 | ECS5550 Upgrade openssl3.3.0 and openssh9.8 to Simba main |
| 3 | ECS5550EC-431 | af551d27 | ECS5550 Configuring media type to SFP-Forced 2500SFP on port fails. |
| 4 | ECS5550EC-413 | c2864bd6 | Add OSPF for Phase2 |
| 5 | ECS5550EC-416 | c2864bd6 | Add OSPFV3 for Phase2 |
| 6 | ECS5550EC-425 | c2864bd6 | Add BGP for Phase2 |
| 7 | ECS5550EC-438 | c2864bd6 | ECS5550 support and test VRRP function |
| 8 | NA | c2864bd6 | Support UDP help/Loopback interface/Null Interface/IPv6 ECMP |

**Runtime V2.4.4.251, Loader V1.0.4 base on V2.4.3.244**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-504 | 71e06163 | ECS5550 support RIPng function |
| 2 | ECS5550EC-507 | 22dae66b  5111dbc3 | OSPF Virtual link |
| 3 | ECS5550EC-505 | 9b23f36f | ECS5550 RipV1/V2 function verify |

**Runtime V2.4.5.251, Loader V1.0.4 base on V2.4.4.251**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-506 | 0d915511 | [Enhancement]：ECS5550 PBR develpment |
| 2 | ECS5550EC-552 | 7ce97e61 | [Enhancement]：Logging console period requirements. |
| 3 | ECS5550EC-550 | ddd623aa | [Enhancement]Selective QinQ can remove c-tag |
| 4 | ECS5550EC-553 | 233b41be  1d77b01b | [Enhancement]Selective QinQ can set CVID as specify range. |

**Runtime V2.4.6.251, Loader V1.0.4 base on V2.4.5.251**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-605 | 8e9338c9 | Without backdoor - Remove runtime backdoor 、Linux backdoor and super account |
| 2 | ECS5550EC-596 | d177b181 | Enhancemnet: Add gdb tools |

**Runtime V2.4.7.251, Loader V1.0.4 base on V2.4.6.251**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-607 | 49d8a659 | Enhancement: The add command is used to view the status of the spanning tree added to a specified VLAN. |
|  |  |  |  |

**Runtime V3.1.1.252, Loader V1.0.4 base on V2.4.8.251**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-559  ECS5550EC-644 | ea0cabaf  50110827  ee2b449e | Enhancing the Radius feature can use Radius/TLS on Simba main to avoid CVE-2024-3596 |
| 2 | ECS5550EC-637 | d32ddb05 | Without backdoor - MD5 Checksum File Generation |
| 3 | ECS5550EC-282 | 7014eafc | Support function license |
| 4 | ECS5550EC-645 | 5d445e72 | ECS5550 support drying-gasp function on mgmt port |
| 5 | ECS5550EC-281 | 6f11d102 | Support remote license |
| 6 | ECS5550EC-685 | 08eeb994 | The way to reset configuration or password without super passwrd |

**Runtime V3.1.2.252, Loader V1.0.4 base on V3.1.1.252**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-710 | a31d885a | Remote License: get duplicate files after copying the same remote function license file many times |
| 2 | ECS5550EC-684 | 83db4343 | Function license check for L3 functions - RIPng, VRRP, PBR and UDP helper |
| 3 | NA | d9ad70b8 | ECCLOUD-5750 OpenSSL 3.3.0 integration with mgmtd |
| 4 | ECS5550EC-686 | 89a382fe | Function license check for L3 functions - OSPF/OSPFv3/BGP/null interface/loopack interface |
| 5 | ECS5550EC-687 | 33d643a7 | Function license check for L3 functions - IGMPv2/IGMPv3/PIM SM/SSM |
| 6 | ECS5550EC-539 | e12f87f4 | Selective QinQ vlan\_range with bitmask requirement for ECS5550 |

**Runtime V3.1.3.252, Loader V1.0.4 base on V3.1.2.252**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-738 | 42c0f5c3 | Rate limit and meter: The rate limit mode is changed from L1 to L2 |
| 2 | ECS5550EC-743 | ea8290cc | need new feature : stop-only mode for accounting |
| 3 | ECS5550EC-740 | 3a750f54 | Selective QinQ: The DUT learns the incorrect VLAN tag when the Selective QinQ vlan\_range is configured |
| 4 | ECS5550EC-737 | fd8cd2c0 | Enhance xfer commands according to spec v1.21 |

**Runtime V3.1.5.253, Loader V1.0.4 base on V3.1.4.253**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | ECS5550EC-769 | 5ad9cba1  1cd3d596 | [Enhancement] Craft IP support to be set in Web |

**Work as Designed (wAD) eprs:**

**Runtime V3.1.2.252, Loader V1.0.4 base on V3.1.1.252**

|  |  |  |
| --- | --- | --- |
| 1 | [ECS5550EC-717](https://accton-group.atlassian.net/browse/ECS5550EC-602) | [L2SW-0650] DUT cannot receive all broadcast packets |

**Runtime V2.4.6.251, Loader V1.0.4 base on V2.4.5.251**

|  |  |  |
| --- | --- | --- |
| 1 | [ECS5550EC-602](https://accton-group.atlassian.net/browse/ECS5550EC-602) | RIPng: The last command does not reappear when using the up key. |
| 2 | [ECS5550EC-600](https://accton-group.atlassian.net/browse/ECS5550EC-600) | [OSPFv2: After we reset distribute rip metric on v2.4.5.251; DUT send out incorrect metric value.](https://accton-group.atlassian.net/browse/ECS5550EC-600) |
| 3 | [ECS5550EC-599](https://accton-group.atlassian.net/browse/ECS5550EC-599) | [OSPFv2: After we modify distribute rip metric on v2.4.5.251; DUT send out incorrect metric value.](https://accton-group.atlassian.net/browse/ECS5550EC-599) |
| 4 | [ECS5550EC-602](https://accton-group.atlassian.net/browse/ECS5550EC-602) | RIPng: The last command does not reappear when using the up key. |
|  | [ECS5550EC-574](https://accton-group.atlassian.net/browse/ECS5550EC-574) | [RIPng:The Interval of update time is not precise.](https://accton-group.atlassian.net/browse/ECS5550EC-574) |
|  | [ECS5550EC-571](https://accton-group.atlassian.net/browse/ECS5550EC-571) | RIP: The DUT will add RIP routing entries when sending an unknown version of the RIP response. |

**Runtime V3.1.2.252, Loader V1.0.4 base on V3.1.1.252**

|  |  |  |
| --- | --- | --- |
| 1 | ECS5550EC-717 | [L2SW-0650] DUT cannot receive all broadcast packets |

**Runtime V3.1.3.252, Loader V1.0.4 base on V3.1.2.252**

|  |  |  |
| --- | --- | --- |
| 1 | ECS5550EC-734 | License: Even after deleting the function licence and reloading the DUT, the CLI still displayed the function licence. |
| 2 | ECS5550EC-722 | License: UDP helper can set when the DUT uses Essential profile license. |

**Known Bugs and Issues:**

Any other problems than those listed above should be reported to our Technical Support Staff.

1. [ECS5550EC-411](https://accton-group.atlassian.net/browse/ECS5550EC-411)  [[ECS5550-30X/54X]XCVR IOT: Packet can't forwarding and show erroe message after hot swap of cable/optics between ports.](https://accton-group.atlassian.net/browse/ECS5550EC-411).

-SDK bug, Waiting for FAE's final solution, The latest version uses a workaround approach to solve the problem

2. [ECS5550EC-470](https://accton-group.atlassian.net/browse/ECS5550EC-411) OSPFv2: After we reload DUT and reset network type to broadcast from point-to-point. It prints error messages and ospf operation is failed.

-Frr bug，does not affect the basic functions of OSPF

3. ECS5550EC-621 NTP: The DUT will freezing and reboot when added and delete the ntp server more times.

-Common issue, the next version will solve it on the V2.4.8.251

**Known RESTRICITIONS AND Limitations:**

|  |  |  |
| --- | --- | --- |
|  | Limitation Type | Description |
| 1 | Chip limitation | FDB use hash algorithm to locate needed index for the pkt. It will happen collision in some case. |
| 2 | Software limitation | For verify chip can support full multicast entry. The speed of data/control packet which used for igmp snooping learning shall not in line speed. |
| 3 | Chip limitation | Broadcast/Multicast/UnknownUnicast Storm Control use the same configuration of rate limit. |
| 4 | Software limitation | Web Authentication only support IPv4 HTTP |
| 5 | Software limitation | Due to Jquery software limitation. The web browser need IE 9+, Chrome 54+, Firefox 52+ or Opera 41+. |
| 6 | Software limitation | Support muintuple vlan tag by software, but have limitation: can not support the packet need linux kernel process, like management features, arp, telnet, ping, tracerout, routing, snmp, ipv6…etc. [ES4627MB-FLF-EC-00889] |
| 7 | Hardware limitation | 100G/40G and breakout not support 5M and above |
| 8 | Chip limitation | Dynamic QoS Assignment only support configure one acl per port: Marvell support ACL resource are finite, so the upper software limit only support configure one acl per port or per function;when mac-authentication enable Dynamic Qos Assignment base Radius, so also only support configure one acl per port，multiple acls will authentication failure. |
| 9 | SW limitation | The Double-tag function must be used in conjunction with “switchport allow vlan add VID double-tag”, and the VID is the Native vlan for configuring the port of Double-tag function, otherwise will be affected unpredictably for this vid, carry internal vid is 0 or carry three VLAN tags. |
| 10 | Chip limitation | IPv6 net route related to mask and address formats, A mask of 32 can reach 8k, while those above 64 only have 3.5k. The FAE response is implemented like this and cannot be modified, Marvell case id: 756914 |
| 11 | Hardware limitation | HW board not support breakout LED and stacking unit LED |
| 12 | Chip limitation | There is a chip limitation that the PVID must be included in the VID list |
| 13 | Chip limitation | There is a bug in this device for bridge rate limitation.  please see the snapshot as below for this bug and alternative solution. Change the bridge of the unkown unicast for storm control to use a policy meter, similar to ratelimit, and change PPS to bps. |
| 14 | Hardware limitation | 100G/40G only support 1M DAC cable(3M and 5M will be unstable, ET7402-DAC-3M and ET7402-DAC-5M), and DAC cable is limited to interconnecting devices within the same series. |
| 15 | Hardware limitation | 100G/40G does not support DAC breakout well.( ET6402-10AOC-3M, ET6402-10DAC-3M, ET7402-25DAC-3M, ET7402-25DAC-5M). |
| 16 | Chip limitaion | [ECS5550EC-230](https://accton-group.atlassian.net/browse/ECS5550EC-230) [RFC2544/2889]: The Frame size 64 and 128 have packet loss in 10G/100G and Fully/Partially packet loss in 100G. The forwarding capability of the chip is limited, and ACL can also affect the internal message forwarding speed of the chip. |

**Compliance support:**

|  |  |
| --- | --- |
| **Compliance Level** | **Compliant** |
|  |  |

Known Anomalies: None.

**IEEE Standards Support:**

|  |  |
| --- | --- |
| **Standard** | **Title** |
| IEEE 802.1D | Transparent Bridging Specifications (ISO/IEC 10038) |
| IEEE 802.1p | Traffic Class Expediting and Dynamic Multicast Filtering |
| IEEE 802.1Q | Virtual Bridged Local Area Networks |
| IEEE 802.1w | Rapid Spanning Tree |
| IEEE 802.2 | Local Area Networks, Logical Link Control (LLC) |
| IEEE 802.3 | CSMA/CD 9 (ISO/IEC 8802-3) |
| IEEE 802.3I | 10Base-T (ISO/IEC 8802-3, clause 14) |
| IEEE 802.3u | 100Base-TX (ISO/IEC 8802-3, clause 25) |
| IEEE 802.3x | Flow Control |
| IEEE 802.3z | 1000Base-SX, 1000Base-LX |
| IEEE 802.3ab | 1000Base-TX |
| IEEE 802.3ac | VLAN Tag |
| IEEE 802.3ad | Link Aggregation |
| IEEE 802.1X | Port-based Network Access Control |

**IETF Standards MIB Support:**

|  |  |  |
| --- | --- | --- |
| **RFC No.** | Title | **Groups Supported** |
| 1907 | SNMPv2-MIB (MIB II) | - system group (1-9)  - snmp group (1-6, 8-22, 24-32) |
| 2011 | IP-MIB (MIB-II) | - ip group (1-20, 22-23) - icmp group (1-26) |
| 2096 | IP FORWARD(MIB-II) | -ipForwardNumber (1)  - ipCidrRouteNumber (3)  - ipCidrRouteNumber (4) |
| 2012 | TCP-MIB (MIB-II) | - tcp group (1-15) (tcpConnTable only support read.) |
| 2013 | UDP-MIB (MIB-II) | - udp group (1-5) |
| IEEE  802.1X MIB | IEEE8021-PAE-MIB | - dot1xPaeSystem (1-2)  - dot1xPaeAuthenticator (1-3) (not support per-port timer setting) |
| 1493 | Bridge MIB | - dot1dBase group (1-4) - dot1dStp group (1-15) - dot1dTp group (1-4) - dot1dStatic group (1) |
| 2863 | Interfaces Evolution MIB (IF-MIB) | - interface group (1-2) (ifadminStatus not support set to 3(testing))  - ifXTable group (1) - ifStackTable group (1) (support  read-only) |
| 2819 | RMON MIB | - statistics group (1) - history group (1-2) - alarm group (1) - event group (1-2) |
| 2021 | RMON2-MIB | probeCapabilities (probeConfig 1)  probeSoftwareRev (probeConfig 2) probeHardwareRev (probeConfig 3) probeDateTime (probeConfig 4) probeResetControl (probeConfig 5) probeDownloadFile (probeConfig 6) probeDownloadTFTPServer (probeConfig 7)  probeDownloadAction (probeConfig 8)  probeDownloadStatus (probeConfig 9) |
| 2618 | RADIUS MIB | - radiusAuthClientMIB (1)  - raidusAccClientMIB (2) |
| 2665 | Etherlike MIB | - dot3StatsTable group (1-19) |
| 2737 | Entity MIB | * entityPhysical group (1-16)   (support read-only) |
| 2674 | P-bridge | - dot1dExtBase group (1-4) - dot1dPriority group (1,3)  - dot1dGarp group (1) |
| 2674 | Q-bridge | - dot1qBase group (1-5) - dot1qTp group (1-2) - dot1qStatic group(1) - dot1qVlan (1-5) (9-10) |
| 2925 | DISMAN-PING-MIB | pingCtlTable (2)/pingCtlEntry  pingResultsTable (3)/pingResultsEntry pingProbeHistoryTable (4)/pingProbeHistoryEntry |
| 2925 | DISMAN-TRACEROUTE-MIB | -traceRouteCtlTable(2)  - traceRouteResultsTable(3)  - traceRouteProbeHistoryTable(4)  - traceRouteHopsTable(5) |
| 3636 | MAU MIB | * dot3IfMauBasicGroup * dot3IfMauAutoNegGroup |
| 1612 | DNS Reslover MIB | * dnsServConfig * dnsServCounter * dnsServCounterAuthAns * dnsServCounterAuthNoNames * dnsServCounterAuthNoDataResps * dnsServCounterNonAuthDatas * dnsServCounterNonAuthNoDatas * dnsServCounterReferrals * dnsServCounterErrors * dnsServCounterRelNames * dnsServCounterReqRefusals * dnsServCounterReqUnparses * dnsServCounterOtherErrors * dnsServOptCounter * dnsResMIBObjects * dnsResConfig * dnsResCounter * dnsResCache * dnsResCacheStatus * dnsResCacheMaxTTL * dnsResCacheGoodCaches * dnsResCacheBadCaches * dnsResOptCounter |
| 3411 | SNMP FrameWork | * snmpFrameworkMIBObjects |
| 3412 | SNMP MPD MIB | * snmpMPDMIBObjects |
| 3413 | SNMP Target MIB | * snmpTargetObjects |
| 3413 | SNMP Notify MIB | * SnmpNotifyObjects * snmpNotifyTable * usmMIBObjects |
| 3414 | SNMP-USER-BASED-SM-MIB | * UsmMIBObjects (1) |
| 3415 | SNMP View-Based ACM MIB | * vacmMIBObjects * Private MIB * switchMgt * portMgt * trunkMgt * lacpMgt * staMgt * tftpMgt * restartMgt * mirrorMgt * igmpSnoopMgt * ipMgt * bcastStormMgt * vlanMgt * priorityMgt * trapDestMgt * qosMgt * securityMgt * sysLogMgt * lineMgt |
| 3584 | SNMP-COMMUNITY-MIB | * SnmpCommunityMIBObjects * (SnmpCommunityTable (1) / snmpCommunityEntry) |
| 1850 | OSPF-MIB | * Ospf |

**ECS5550 SERIES Private Enterprise MIB Support:**

|  |  |
| --- | --- |
| **Title** | Version |
| ECS5550\_202507210000Z.mib | 202507210000Z |

**SNMP Trap Support:**

|  |  |
| --- | --- |
| **RFC No.** | **Title** |
| RFC 1215 | ColdStart (v1) warmStart (v1) linkDown (v1) linkUp (v1) authenticationFailure (v1) |
| RFC 1907 | coldStart (v2c) warmStart (v2c) authenticationFailure (v2c) |
| RFC 2863 | linkDown (v2c) linkUp (v2c) |
| RFC 1493 | newRoot (v1) topologyChange (v1) |
| RFC 1757 | risingAlarm (v1)  fallingAlarm (v1) |
| RFC 2819 | risingAlarm (v2c) fallingAlarm (v2c) |

**Customer Support:**

By Phone:

By Email:

By Web:

By Fax: