Gigabit Ethernet Switch ECS4620-28T/28P/28F/52T/52P

***Phase 2 Firmware Version 1.2.2.34***

**INTRODUCTION:**

The ECS4620 is a 28/52-port 10/100/1000 L3 Gigabit Ethernet Switch.

Local Console Management (LCM) allows the user to monitor and configure the ECS4620-28T 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 BootP/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** |
| Phase1 Testing Version | 0.0.0.1 | Init Version  CC: EC\_VOB main(2013/1/10 10:00AM) | 2013/1/11 |
| Phase1 Testing Version | 1.1.0.0 | CC: EC\_VOB main(2013/7/2 10:00AM) | 2013/7/2 |
| Phase1 Testing Version | 1.1.0.1 | CC: EC\_VOB main(2013/7/22 10:00AM) | 2013/7/22 |
| Phase1 Testing Version | 1.1.0.2 | CC: EC\_VOB main(2013/10/04 3:00PM) | 2013/10/04 |
| Phase1 Testing Version  (Cancel) | 1.1.0.3 | CC: EC\_VOB main(2013/10/14 2:00PM) | 2013/10/14 |
| Phase1 Testing Version | 1.1.0.4 | CC: EC\_VOB main(2013/10/14 6:00PM) | 2013/10/14 |
| Phase1 Test Version | 1.1.1.1 | CC: ES4626F-SW-FLF-38\_ES4627MB\_V1.4.1.0\_Ph4\_branch (EC\_VOB)(2013/11/14 10:00AM) | 2013/11/14 |
| Phase1 Test Version | 1.1.1.2 | CC: EC\_VOB main(2014/1/16 9:30AM) | 2014/1/16 |
| Phase1 Test Version | 1.1.1.3 | CC: EC\_VOB main(2014/1/24 5:30PM) | 2014/1/24 |
| Phase1 Test Version | 1.1.1.4 | CC: EC\_VOB main(2014/2/5 2:30PM) | 2014/2/5 |
| Phase1 Test Version | 1.1.1.5 | CC: EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.1.1.3\_Ph1\_branch(2014/2/19 9:30AM) | 2014/2/19 |
| Phase1 Test Version  (Cancel) | 1.1.1.6 | CC: EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.1.1.3\_Ph1\_branch(2014/2/19 5:30PM) | 2014/2/20 |
| Phase1 Test Version | 1.1.1.7 | CC: EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.1.1.3\_Ph1\_branch(2014/2/21 5:00PM) | 2014/2/21 |
| Phase1 Test Version | 1.1.1.8 | CC: EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.1.1.3\_Ph1\_branch(2014/3/4 11:00AM) | 2014/3/4 |
| Phase1 Test Version | 1.1.1.9 | CC: EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.1.1.3\_Ph1\_branch(2014/3/4 4:00PM) | 2014/3/4 |
| Phase1 Test Version | 1.1.1.10 | CC: EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.1.1.3\_Ph1\_branch(2014/3/5 10:00AM) | 2014/3/5 |
| Phase1 Test Version | 1.1.1.11 | CC: EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.1.1.3\_Ph1\_branch(2014/3/7 4:40PM) | 2014/3/7 |
| Phase1 Test Version | 1.1.1.12 | CC: EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.1.1.3\_Ph1\_branch(2014/3/12 5:00PM) | 2014/3/12 |
| Phase2 Test Version | 1.2.1.0 | CC:EC\_VOB main(2014/3/17 10:00AM) | 2014/3/17 |
| Phase2 Test Version | 1.2.1.1 | CC:EC\_VOB main(2014/3/26 9:30AM) | 2014/3/26 |
| Phase2 NTC Test Version | 1.2.1.2 | CC:EC\_VOB main(2014/4/8 10:00AM) | 2014/4/8 |
| Phase2 NTC Test Version | 1.2.1.3 | CC:EC\_VOB main(2014/4/14 10:00AM) | 2014/4/14 |
| Phase2 Test Version | 1.2.1.4 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2014/5/7 10:30AM) | 2014/5/7 |
| Phase2 NTC Test Version | 1.2.1.5 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2014/5/12 1:30PM) | 2014/5/12 |
| Phase2 NTC Test Version | 1.2.1.6 | All the same as 1.2.1.5, but fix userauth running config issue. | 2014/5/15 |
| Phase2 RD internal test | 1.2.1.8 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2014/5/29 11:00AM) | 2014/5/29 |
| Phase2 NTC test Version | 1.2.1.9 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2014/5/29 9:30AM) | 2014/6/4 |
| Phase2 RD internal test | 1.2.1.10 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2014/6/12 1:30PM) | 2014/6/12 |
| Phase2 NTC test | 1.2.1.11 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2014/6/13 9:30AM) | 2014/6/13 |
| Phase2 NTC test | 1.2.2.0 | All the same as V1.2.1.11 except version number only | 2014/6/19 |
| Phase2 NTC test | 1.2.2.1 | Only modify diag wire speed test and baed on V1.2.2.0 | 2014/11/28 |
| Phase2 Patch | 1.2.2.2 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2015/4/8 9:30AM) | 2015/4/8 |
| Phase2 Patch(cancel) | 1.2.2.3 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2015/5/15 9:30AM) | 2015/5/19 |
| Phase2 Patch | 1.2.2.4 | Based on V1.2.2.3 + fix exception issue while copy tftp file | 2015/5/25 |
| Phase2 Patch | 1.2.2.5 | Based on V1.2.2.4 + fix show running hang issue | 2015/5/26 |
| Phase2 Patch | 1.2.2.6 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2015/6/12 9:30AM) | 2015/6/12 |
| Phase2 Patch(Cancel) | 1.2.2.7 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2015/7/14 9:30AM) | 2015/7/14 |
| Phase2 Patch(Cancel) | 1.2.2.8 | All the same as 1.2.2.7, but fix userauth running config issue. | 2015/7/16 |
| Phase2 Patch(Cancel) | 1.2.2.9 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2015/8/6 2:00PM) | 2015/8/6 |
| Phase2 Patch | 1.2.2.10 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2015/8/7 3:00PM) | 2015/8/7 |
| Phase2 Patch | 1.2.2.11 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2015/8/28 3:00PM) | 2015/8/28 |
| Phase2 Patch | 1.2.2.13 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2015/9/9 9:30AM) | 2015/9/9 |
| Phase2 Patch | 1.2.2.15 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2015/9/24 1:30PM) | 2015/9/25 |
| Phase2 Patch | 1.2.2.16 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2015/11/4 11:30AM) | 2015/11/04 |
| Phase2 Patch | 1.2.2.17 | Based On 1.2.2.16 + fix ECS4620-28T-00357 | 2015/11/9 |
| Phase2 Patch | 1.2.2.18 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2015/12/11 2:30PM) | 2015/12/11 |
| Phase2 Patch | 1.2.2.19 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2016/2/24 9:30PM) | 2016/2/25 |
| Phase2 Patch | 1.2.2.21 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2016/5/26 9:30AM) | 2016/5/27 |
| Phase2 Patch | 1.2.2.22 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2016/6/2 9:30AM) | 2016/6/2 |
| Phase2 Patch | 1.2.2.23 | Based on 1.2.2.22 + fix 00492 and 00493 | 2016/6/16 |
| Phase2 Patch | 1.2.2.24 | Based on 1.2.2.23 + fix ES4627MB-00791 | 2016/6/29 |
| Phase2 Patch | 1.2.2.25 | Based on 1.2.2.24 + fix ES4627MB-00791 | 2016/7/11 |
| Phase2 Patch | 1.2.2.26 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2016/8/12 1:30PM) | 2016/8/12 |
| Phase2 Patch | 1.2.2.27 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2016/10/18 9:30AM) | 2016/10/18 |
| Phase2 Patch | 1.2.2.28 | Based on V1.2.2.27 + fix ECS4620-28T-00561 | 2016/10/19 |
| Phase2 Patch | 1.2.2.29 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2016/12/23 9:30AM) | 2016/12/23 |
| Phase2 Patch | 1.2.2.30 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2017/2/22 9:30AM) | 2017/2/22 |
| Phase2 Patch | 1.2.2.31 | Based on V1.2.2.30 and only plus 00612 and 00622 | 2017/3/14 |
| Phase2 Patch | 1.2.2.32 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2017/4/18 9:30AM) | 2017/4/18 |
| Phase2 Patch | 1.2.2.33 | Based on V1.2.2.32 + 00662 + 00663 only | 2017/5/25 |
| Phase2 Patch | 1.2.2.34 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2017/6/21 9:30AM) | 2017/6/22 |

**LOADER:**

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| --- | --- | --- | --- |
| **Status** | **Version No.** | **Type** | **Release Date** |
| Test Version | 0.0.1.2 | Init Version  CC: EC\_VOB main(2013/1/10 10:00AM) | 2013/1/11 |
| Test Version | 0.0.1.3 | CC: EC\_VOB main(2013/6/19 10:00AM) | 2013/6/19 |
| Test Version | 0.0.1.4 | CC: EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.1.1.3\_Ph1\_branch(2014/2/19 9:30AM) | 2014/2/7 |
| Test Version | 0.0.1.6 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2014/5/29 9:30AM) | 2014/6/4 |
| Test Version | 0.0.1.7 | CC:EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.2.1.2\_Ph2\_branch (2014/6/12 1:30PM) | 2014/6/12 |
| Test Version | 0.3.2.1 | CC: EC VOB main (2015/4/2) | 2015/4/2 |
| Test Version | 0.3.2.2 | CC: EC VOB main (2016/6/23) | 2016/6/23 |
| Test Version | 0.3.2.3 | CC: EC VOB main (2016/7/1) | 2016/7/1 |

**MINI LOADER:**

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| **Status** | **Version No.** | **Type** | **Release Date** |
| Testing Version | 0.0.0.1 | Use ES4627MB’s mini-uboot | 2012/9/20 |
| Testing Version | 0.0.0.2 | CC: EC\_VOB main(2013/6/19 10:00AM) | 2013/6/19 |
| Testing Version | 0.0.0.3 | CC: EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.1.1.3\_Ph1\_branch(2014/2/19 9:30AM) | 2014/2/7 |
| Test Version | 0.3.0.0 | CC: EC VOB main (2015/3/12) | 2015/3/12 |
| Test Version | 0.3.0.1 | CC: EC VOB main (2016/7/1) | 2016/7/1 |

**MFG Runtime:**

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| **Status** | **Version No.** | **Type** | **Release Date** |
| Testing Version | 1.2.1.6 | Init Version  CC: EC\_VOB main(2013/1/10 10:00AM) | 2013/1/11 |
| Testing Version | V1.4.0.0 | CC: EC\_VOB main(2013/6/19 10:00AM) | 2013/6/19 |
| Testing Version | V1.5.0.0 | CC: EC\_VOB ES4626F-SW-FLF-38\_ECS4620\_V1.1.1.3\_Ph1\_branch(2014/2/19 9:30AM) | 2014/2/7 |
| Testing Version | 1.6.1.0 | CC: EC VOB main (2015/3/12) | 2015/3/12 |

**HARDware compatibility:**

ALL

**BootPROM compatibility:**

ALL

**Network Management Software Support:**

|  |  |  |
| --- | --- | --- |
| **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 ECS4620-28T\_Phase2\_FeatureList\_20140408.xlsx

**Installation and Configuration Notes:**

In general, the ES4627MB **Switch** will be shipped to you pre-configured with this version of firmware. If you would like to upgrade an existing ES4627MB **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 V0.0.1.2**

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|  |  | Init |

**Loader V0.0.1.3**

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|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00303 | BackDoor:UPDM not working on backdoor. |

**Loader V0.0.1.4**

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|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00371 | Study and coding for USB support |
| 2 | ES4627MB-FLF-EC-00364 | Add upgrade epld function in uboot and rumtime |
| 3 | ES4627MB-FLF-EC-00538 | [Loader] Loader will consider the startup runtime filename invalid if its length > 21 |
| 4 | ECS4620-28T-00155 | ES4627MB-ELF-EC:Study and coding for USB support |

**Loader V0.0.1.6**

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|  | EPR | Headline |
| 1 | ECS3510-28T-00253 | Loader: backdoor passwd doesn't be encrypted |
| 2 | ES4627MB-FLF-EC-00486 | uboot enhancement to dump the location which bit flip happens |
| 3 | ES4627MB-FLF-EC-00630 | [enhance] command "mac-address-table hash-lookup-depth 32" can be displayed in running config. |
| 4 | ES4627MB-FLF-EC-00647 | [Loader]Need to have different uboot password for ES4627MB,ECS4620-28T,ES4200-PGM |
| 5 | ES4627MB-FLF-EC-00640 | Enhancement : change bootrom password |
| 6 | ES4627MB-FLF-EC-00645 | [enhancement] Password for BootRom must be configurable via CLI remotely(Telnet, SSH) |

**Loader V0.0.1.7**

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|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00662 | USB disk support on ES4627MB |

**Loader V** **0.3.1.0**

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| --- | --- | --- |
|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00662 | USB disk support on ES4627MB |

**Loader V** **0.3.1.0**

|  |  |  |
| --- | --- | --- |
|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00682 | - verify uboot header checksum when reading from flash  - fix uboot upgrade through y-modem of mini-uboot  - fix bit-flip would return uncorrected error  - fix infinite loop when correcting bit-flip |

**Loader V** **0.3.2.1**

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|  | EPR | Headline |
| 1 | ES5652BT1-FLF-EC-00314 | [Loader] Fails to load runtime image, 32-char file name. |

**Loader V** **0.3.2.2**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00479 | [enhance] uboot support ECS4620-28F-2AC, ECS4620-52P-2AC |

**Loader V** **0.3.2.3**

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|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00953 | [mini-uboot] (roll back) for data with 0xff, should calc ecc checksum -> this modify uboot |

**Mini Loader V0.0.0.1**

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|  |  | Init |

**Mini Loader V0.0.0.2**

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|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00328 | [Loader Enhancement] Mini Uboot Support X-Modem download 2nd Stage Uboot image and boot |

**Mini Loader V0.0.0.3**

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| --- | --- | --- |
|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00581 | mini uboot Y-Modem update formal uboot failure |

**Mini Loader V0.3.0.0**

|  |  |  |
| --- | --- | --- |
|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00682 | - verify uboot header checksum when reading from flash  - fix uboot upgrade through y-modem of mini-uboot  - fix bit-flip would return uncorrected error  - fix infinite loop when correcting bit-flip |

**Mini Loader V0.3.0.1**

|  |  |  |
| --- | --- | --- |
|  | EPR | Headline |
| 1 | ECS4620-28T-00426 | SNMP:the warmSrart traps cannot be received when SNMP trap is enabled |
| 2 | ES4627MB-FLF-EC-00910 | no wamrstart trap captured when reset dut with trap is enable |

**MFG Runtime V1.2.1.6**

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|  |  | init |

**MFG Runtime V1.4.0.0**

|  |  |  |
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|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00319 | [mfg runtime] Can not finish the recovery process while the bad block is at 0x500000 |

**MFG Runtime V1.5.0.0**

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|  | EPR | Headline |
| 1 |  | Just build from Branch(ES4626F-SW-FLF-38\_ECS4620\_V1.1.1.3\_Ph1\_branch) for PGM project. |

**MFG Runtime V1.6.1.0**

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|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00712 | sometimes can not enter runtime after recovery |

**Runtime V0.0.0.1**

|  |  |  |
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|  |  | Init |

**Runtime V1.1.0.0**

|  |  |  |
| --- | --- | --- |
|  | EPR | Headline |
| 1 | ECS4620-28T-00001 | Support OSPF |
| 2 | ECS4620-28T-00002 | Support IPv6 static route |
| 3 | ECS4620-28T-00003 | Support VLAN ACLs |
| 4 | ECS4620-28T-00004 | ACL: ACL doesn't work well when enable time-range and compress |
| 5 | ECS4620-28T-00005 | correct some information of private mib file |
| 6 | ECS4620-28T-00006 | [28F] flow control can't work on 1-22 port |
| 7 | ECS4620-28T-00007 | <28F>When we want to clear global data via command "clear ip ospf process",it won't work well |
| 8 | ECS4620-28T-00008 | Modify the max number of routing table entries to 13K. |
| 9 | ECS4620-28T-00009 | Support IPv4/IPv6 Multicast routing. |
| 10 | ECS4620-28T-00010 | Support IPv4/IPv6 DHCP related functions. |
| 11 | ECS4620-28T-00011 | Support IPv6 DHCP related functions & ND Snooping & IPv6 Source Guard |
| 12 | ECS4620-28T-00012 | Support IPv4 DHCP related functions & UDP Helper. |
| 13 | ECS4620-28T-00013 | Support VRRP |
| 14 | ECS4620-28T-00014 | Support IPv6 Router Advertisement |
| 15 | ECS4620-28T-00015 | Support OSPFv3 |
| 16 | ECS4620-28T-00016 | Support ECMP |
| 17 | ECS4620-28T-00017 | Support BGP |
| 18 | ECS4620-28T-00018 | Support Proxy ARP |
| 19 | ECS4620-28T-00019 | Support Partial Config |
| 20 | ECS4620-28T-00020 | [enhance] set SYS\_ADPT\_MAX\_FILE\_SIZE to 18MB from 15MB |

**Runtime V1.1.0.1**

|  |  |  |
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|  | EPR | Headline |
| 1 | ECS4620-28T-00021 | change from kbps to pps for storm control |
| 2 | ECS4620-28T-00022 | [enhance] user can config the maximum of FDB lookup depth. |
| 3 | ECS4620-28T-00024 | [enhance] default hash key of port channel become src-dst-ip |
| 4 | ECS4620-28T-00025 | IGMPSNP: implement immediate leave with by-hop-ip option |

**Runtime V1.1.0.2**

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| --- | --- | --- |
|  | EPR | Headline |
| 1 | ECS4620-28T-00022 | [enhance] user can config the maximum of FDB lookup depth. |
| 2 | ECS4620-28T-00023 | L3 switch does not need DHCPv6 client |
| 3 | ECS4620-28T-00026 | [enhancement] add the DHCP snooping table binding table entry to 16 |
| 4 | ECS4620-28T-00027 | [enhancement] support igmpsnp/mldsnp source filtering when ipv4/v6 multicast routing is enabled |
| 5 | ECS4620-28T-00028 | RIP: The DUT won't learning the neighbor information of rip |
| 6 | ECS4620-28T-00029 | OSPFv3: Can't learning OSPFv6 neighbor information. |
| 7 | ECS4620-28T-00030 | BGP: Can't configure the BGP neighbor. |
| 8 | ECS4620-28T-00031 | PIM-DM: After this OSPF route is changed, DUT does not forward multicast group to host. |
| 9 | ECS4620-28T-00032 | PIM-DM: After we enable PIM and OSPF, DUT always show unneeded message. |
| 10 | ECS4620-28T-00033 | PIM-DM6: After we change this designated forwarder, DUT does not forward multicast group to host. |
| 11 | ECS4620-28T-00034 | VRRP: The Master VRRP has no respond the ARP packets when client has requested. |
| 12 | ECS4620-28T-00035 | PIM-DM: When we enable RIP and PIM-DM, DUT does not forward multicast group to host. |
| 13 | ECS4620-28T-00036 | PIM-DM: DUT cannot forward maximum multicast groups to host. |
| 14 | ECS4620-28T-00038 | IPv6-StaticRoute: CLI print error message after create maximum IPv6 static route. |
| 15 | ECS4620-28T-00039 | VRRP: The DUT can't record the authentication failed on log system. |
| 16 | ECS4620-28T-00040 | IGMPSNP: When enable ip multicast routing, multicast data can not be forwarded to registered port. |
| 17 | ECS4620-28T-00041 | Net&HostRoute: Device crash after generate 2000 host routes. |
| 18 | ECS4620-28T-00042 | MLDv2: The maximum response interval range is incorrect. |
| 19 | ECS4620-28T-00043 | PIM-DM: After we shutdown interface, DUT does not send out this Hello with hold-time value zero. |
| 20 | ECS4620-28T-00044 | PIM-DM: After this prune\_limit\_time is expired, DUT does not re-forward multicast data. |
| 21 | ECS4620-28T-00045 | PIM-DM: After DUT receive Join packet; it does not forward multicast packets to downstream. |
| 22 | ECS4620-28T-00046 | PIM-DM: When DUT receive this hold-time of Prune greater than the current value, it does not reset this expired timer of (S,G |
| 23 | ECS4620-28T-00047 | PIM-DM: After this downstream has member and receive Prune message, DUT does not send out Join message to override this Prun |
| 24 | ECS4620-28T-00048 | UDPHelper: The DUT will print exception message and auto reboot after 10 mins when DHCP client send DHCP discover packet and |
| 25 | ECS4620-28T-00049 | UDPHelper: Doesn't support the private mib of UDPHelper function. |
| 26 | ECS4620-28T-00050 | UDPHelper: The DUT doesn't reject the 255.255.255.255 of IP address when user set the addresss of UDP helper. |
| 27 | ECS4620-28T-00051 | PIM-DM: After we change this graft-retry-interval value, DUT cannot send correct Graft packet amount every period. |
| 28 | ECS4620-28T-00052 | MLDv2: When receive filter mode is Exclude(2), the group mode not change to exclude. |
| 29 | ECS4620-28T-00053 | PIM-DM: After DUT receive Graft-Ack packet, it does not stop to send Graft packets. |
| 30 | ECS4620-28T-00054 | PIM-DM: After DUT receive Assert with better preference; it should not send out this Prune to upstream repeatedly. |
| 31 | ECS4620-28T-00055 | MLDv2: Can't learning group information after group leave. |
| 32 | ECS4620-28T-00056 | PIM-DM: When this RPF router receives Prune from its downstream, it does not resend itself Prune. |
| 33 | ECS4620-28T-00057 | PIM-DM: DUT receive Prune(S, G) on upstream from another router and OIL(S, G) is not empty, it should not send out this Graft |
| 34 | ECS4620-28T-00058 | PIM-DM: When DUT receive data and OIL(S, G) is empty; DUT should not send out this Graft message to upstream. |
| 35 | ECS4620-28T-00059 | PIM-DM: When upstream does not generate this duplicate data, DUT should not send out this Assert message. |
| 36 | ECS4620-28T-00060 | PIM-DM6: When DUT receive data and OIL(S, G) is empty; DUT should not send out this Graft message to upstream. |
| 37 | ECS4620-28T-00061 | MLDv2: There is no MLD WEB page. |
| 38 | ECS4620-28T-00062 | MLD-MIB: The mldInterfaceGroups always shows 0. |
| 39 | ECS4620-28T-00063 | MLD-MIB: The value of mldInterfaceQuerierExpiryTime always shows 0. |
| 40 | ECS4620-28T-00064 | IGMP-MIB: Time of igmpCacheUpTime and igmpCacheExpiryTime is wrong. |
| 41 | ECS4620-28T-00065 | PIM-DM6: When upstream does not generate this duplicate data, DUT should not send out this Assert message. |
| 42 | ECS4620-28T-00066 | PIM-DM6: When downstream router receives Graft-Ack, it does not stop to send itself Graft message. |
| 43 | ECS4620-28T-00067 | PIM-DM6: DUT cannot create maximum 1024 multicast entries. |
| 44 | ECS4620-28T-00068 | IGMP\_Proxy: Clients which join with v3 report can't recevive multicast data when othe clients join with v1 or v2 report. |
| 45 | ECS4620-28T-00069 | OSPF: Route summary doesn't work. |
| 46 | ECS4620-28T-00070 | IGMP\_Proxy: Execption happened when test mix version Proxy |
| 47 | ECS4620-28T-00071 | PIM-DM6: After we change this graft-retry-interval value, DUT cannot send correct Graft packet for every period. |
| 48 | ECS4620-28T-00072 | IGMP-MIB: The ipMRouteEntryCount oid will show "no such object" when the multicast router table has records. |
| 49 | ECS4620-28T-00073 | ARPMgt: We cannot clear dynamic ARP entry from MIB. |
| 50 | ECS4620-28T-00083 | [enhance] show lldp info local-device should display "Bridge, Router" |

**Runtime V1.1.0.3**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00037 | Traceroute6: Perform traceroute6 always got no response. |
| 2 | ECS4620-28T-00084 | [enhance] support MLD Filtering and Throttling |
| 3 | ECS4620-28T-00085 | BGP: no router bgp may cause exception |
| 4 | ECS4620-28T-00087 | Update the web help page (V1.1.0.2) |
| 5 | ECS4620-28T-00089 | ARP: dynamic arp entry didn't been added into arp table. |

**Runtime V1.1.0.4**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00086 | 52P - no PoE function |
| 2 | ECS4620-28T-00087 | Update the web help page (V1.1.0.2) |

**Runtime V1.1.1.1**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00073 | ARPMgt: We cannot clear dynamic ARP entry from MIB. |
| 2 | ECS4620-28T-00090 | [WEB] The length of inputIpv6 text is too short. |
| 3 | ECS4620-28T-00091 | [WEB] Information of static trunk is not correct. |
| 4 | ECS4620-28T-00092 | [WEB] Page of Administration > PoE > PSE is blank. |
| 5 | ECS4620-28T-00101 | RIP: The DUT send out the response packets of RIP doesn't follow the configured timer. |
| 6 | ECS4620-28T-00105 | [WEB] Both Configure by Port List and Configure by Port Range show blank pages on 52P dut. |
| 7 | ECS4620-28T-00116 | RIP: User can't set the value of maximum prefix over than 10240. |
| 8 | ECS4620-28T-00151 | Update web help page from es4651mb-help(1.1.0.2)\_1114 |
| 9 | ES4627MB-FLF-EC-00371 | ES4627MB-ELF-EC:Study and coding for USB support |

**Runtime V1.1.1.2**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00096 | Net&HostRoute: DUT auto reboot after inject 2000 hosts. |
| 2 | ECS4620-28T-00097 | VRRP: The DUT doesn't record the ARP cache when user sets the default gateway of VRRP ip address of PC |
| 3 | ECS4620-28T-00098 | VRRP: Destroy the VRRP IP that will show commit failed from SNMP protocol. |
| 4 | ECS4620-28T-00102 | The DUT doesn't discard the Bootp request when the host send the BOOTP request message that the hops of message exceed 15. |
| 5 | ECS4620-28T-00103 | RIP: User can't get the neighbor information by ripNeighborAddressStatus mib oid. |
| 6 | ECS4620-28T-00117 | RIP: Need to modify the usage guidelines of passive-interface of RIP\_comd.doc. |
| 7 | ECS4620-28T-00120 | PIM-SM: When enable IP IGMP Snooping, multicast data can not be forwarded to registered port. |
| 8 | ECS4620-28T-00123 | BGP: Can't disable the route-server-client with peer-group name functionally. |
| 9 | ECS4620-28T-00124 | BGP: The DUT will cause exception message and reboot when enable/disable route-server-client many times. |
| 10 | ECS4620-28T-00127 | BGP: Can't redistribute the OSPF protocol by BGP routing. |
| 11 | ECS4620-28T-00142 | PIM-SM6: When DUT receive Join message from downstream, it does not refresh this expired timer. |
| 12 | ECS4620-28T-00154 | VLAN Version Number should be display "2" |
| 13 | ES3528MV2-FLF-EC-00502 | VLAN: PVID can be set on VLAN which a port does not join; a new command can set VLAN membership directly without add/remove. |

**Runtime V1.1.1.3**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00095 | PIM-DM: When this downstream has not member, DUT does not stop to forward multicast data. |
| 2 | ECS4620-28T-00106 | RIP: The DUT will show empty of redistribution table when added a bgp of redistribute. |
| 3 | ECS4620-28T-00107 | MLD-MIB: The value of mldCacheLastReporter always shows 0. |
| 4 | ECS4620-28T-00108 | MLD-MIB: The value of mldCacheUpTime and mldCacheExpiryTime always shows 0. |
| 5 | ECS4620-28T-00112 | PIM-DM: When we change this spanning-tree topology, CLI is halted and rebooting. |
| 6 | ECS4620-28T-00113 | OSPF: Can't reach to the network when multiple path has same cost. |
| 7 | ECS4620-28T-00118 | OSPF: After configure area range advertise, the route can't advertised anymore. |
| 8 | ECS4620-28T-00119 | PIM-SM6: RP router cannot send Join message and forward data. |
| 9 | ECS4620-28T-00121 | PIM-SM: When this unicast route is changed; host cannot receive multicast data and DUT rebooting. |
| 10 | ECS4620-28T-00125 | OSPF: Create multiple nssa entry and save configuration, DUT print error message and auto reboot. |
| 11 | ECS4620-28T-00126 | PIM-SM: DUTs with multiple tagged VLAN can not learn all pim neighbors. |
| 12 | ECS4620-28T-00132 | PIM-SM6: When we configure two BSR routers, host receives duplicated multicast data. |
| 13 | ECS4620-28T-00133 | BGP: The DUT will show the exception message when enable the default-originate. |
| 14 | ECS4620-28T-00137 | PIM-SM6: After we change RP priority; DUT cannot register to correct RP router. |
| 15 | ECS4620-28T-00138 | BGP: Show the neighbor information that is incorrect when configure the neighbor port to a port number. |
| 16 | ECS4620-28T-00149 | BGP: The running-config doesn't record the bgp client-to-client reflection |
| 17 | ECS4620-28T-00150 | BGP: The IP BGP regular can't display the information. |
| 18 | ECS4620-28T-00157 | VLAN Version Number should be display "2" (web part) |
| 19 | ES4627MB-FLF-EC-00533 | [enhance] support MSTP instances to 65 (64 MSTI + 1 CIST) |
| 20 | ES4627MB-FLF-EC-00574 | [Enhance] RSTP support TCN propogation group |
| 21 | ES4627MB-FLF-EC-00575 | [Enhance] UDLD support configurable recover timer and detection timer |
| 22 | ES4627MB-FLF-EC-00583 | Enhancement: CPU protection to prevent management loss by heavy traffic attack |
| 23 | ECS3510-28T-00381 | Enhancement Per process cpu usage monitoring |

**Runtime V1.1.1.4**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00164 | IGMP-SNP: Multicast traffic can't be forwarded. |
| 2 | ECS4620-28T-00165 | MLDSNP: IPv6 multicast data can not forwarded to registered port. |
| 3 | ECS4620-28T-00169 | MVR: Multicast data can not forwarded to registered port. |
| 4 | ECS4620-28T-00170 | MVRv6: MVR6 function can not work. |

**Runtime V1.1.1.5**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00104 | PIM-SM: Multicast data can not be forwarded to one port after around 80 seconds. |
| 2 | ECS4620-28T-00109 | PIM-SM: IP address in Info source is wrong when the device is bsr router. |
| 3 | ECS4620-28T-00111 | PIM-DM: After we disconnect and re-connect Trunk, DUT does not re-forward multicast data. |
| 4 | ECS4620-28T-00115 | RIP: The WEB management can't add the bgp routing protocol of redistribute. |
| 5 | ECS4620-28T-00122 | PIM-SM: Some multicast data can not be forwarded to registered ports even after 180 seconds when change STP priority. |
| 6 | ECS4620-28T-00129 | PIM-SM6: After we inject 3 multicast groups to 3 RP routers over 2 hours, all DUTs reboot. |
| 7 | ECS4620-28T-00140 | OSPF: Can't configure redistribute BGP by WEB and MIB. |
| 8 | ECS4620-28T-00141 | OSPF-MIB: Can't enable/disable RFC1583 compatibility by ospfRFC1583Compatibility. |
| 9 | ECS4620-28T-00143 | PIM-SM6: The system with maximum mroute entries happens exception error when disconnect/re-connect the LACP link. |
| 10 | ECS4620-28T-00144 | PIM-SM6: When the port enabled lacp, the DUT happens exception error. |
| 11 | ECS4620-28T-00145 | PIM-SM6: When suspended the VLAN, the DUT happens exception error. |
| 12 | ECS4620-28T-00148 | PIM-SM6: When we change this spanning-tree topology under multicast data forwarding, DUT show exception. |
| 13 | ECS4620-28T-00152 | BGP: The DUT shows exception message when the DUT is set the maximum prefix and learning overflow the maximum prefix entries. |
| 14 | ECS4620-28T-00153 | BGP: The "Last read" time information doesn't update when received the BGP updated information from neighbor. |
| 15 | ECS4620-28T-00155 | ES4627MB-ELF-EC:Study and coding for USB support |
| 16 | ECS4620-28T-00161 | PIM-DM: When we use 52 ports ECS4620-52 as upstream Router, this downstream host receives duplicated data. |
| 17 | ECS4620-28T-00167 | ConfigFile: The SFP port will change to the 10G speed of forced mode automatically when copy startup-config to running-config |
| 18 | ECS4620-28T-00172 | Protocol-VLAN: Fail to bind protocol group when specify priority 7. |
| 19 | ECS4620-28T-00173 | DNS: The DUT will send the AAAA query of IPv6 when set the DNS server IPv4 address only. |
| 20 | ECS4620-28T-00175 | LD: Loopback detection doesn't work. |
| 21 | ECS4620-28T-00177 | WEB\_Auth: Enable WEB\_Auth from WEB\_UI, console print error message. |
| 22 | ECS4620-28T-00178 | PortMonitor: User can create more then two entries of port monitor from CLI when the entries of port monitor the empty. |
| 23 | ECS4620-28T-00179 | MAC-BasedVLAN: The configuration is nonexistent after reboot. |
| 24 | ECS4620-28T-00180 | MAC-BasedMirror: User can configure the All's 0 or f of mac-address. |
| 25 | ECS4620-28T-00186 | L2SW: The DUT doesn't learning the mac-address when the DUT is overclocking. |

**Runtime V1.1.1.6**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00094 | PIM-DM: Disable and enable IP multicast-routing; DUT show exception and reboot itself. |
| 2 | ECS4620-28T-00099 | PIM-DM6: When we enable PIM-DM6 with IPV6 static route on DUT, some host cannot receive multicast group. |
| 3 | ECS4620-28T-00100 | PIM-DM6: DUT cannot learn all neighbors sometimes, and some groups always are flooded. |
| 4 | ECS4620-28T-00130 | PIM-SM6: DUT cannot learn all PIM-SM6 neighbors sometimes. |
| 5 | ECS4620-28T-00159 | the command "ip dhcp excluded-address" is not working when dhcp excluded-address's IP and ip interface's IP are the same |
| 6 | ECS4620-28T-00163 | DAI: After configure packet rate to un-limit, arp packets still be dropped. |
| 7 | ECS4620-28T-00187 | PIM-SM:The 52 ports DUT forward double multicast data to registered ports. |
| 8 | ECS4620-28T-00195 | [enhance] support OSPF area authentication |
| 9 | ECS4620-28T-00196 | [enhance] support BGP Neighbor Authentication |
| 10 | ECS4620-28T-00198 | [enhance] dynamic enable/disable PCL |

**Runtime V1.1.1.7**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00195 | [enhance] support OSPF area authentication |
| 2 | ECS4620-28T-00196 | [enhance] support BGP Neighbor Authentication |
| 3 | ES4627MB-FLF-CN-00033 | Webpage: Webpage can not open when build ecs4620 |

**Runtime V1.1.1.8**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00146 | OSPFv3: DUT crash and auto reboot when we inject 200000 routes. |
| 2 | ECS4620-28T-00162 | ATC: ATC action "shutdown" doesn't work. |
| 3 | ECS4620-28T-00168 | ConfigFile: The ping the remote PC which is timeout when the SFP port is link up. |
| 4 | ECS4620-28T-00174 | LD: Enable LD and add port to maximum VLAN, console print error message and DUT auto reboot. |
| 5 | ECS4620-28T-00176 | SMTP: User can set the address of SMTP server the same as the management address of DUT. |
| 6 | ECS4620-28T-00193 | VRRP: The VRRP can't selected the correct role when DUT has created another vlan interfaces. |
| 7 | ECS4620-28T-00197 | System: After we run SNMP-Walk to get to DUT; it cause this spanning-tree change continuously and DUT cannot learn any route. |
| 8 | ECS4620-28T-00200 | Configure: The DUT will reboot automatically after 10mins when copy TFTP file to running-config more 17 times. |
| 9 | ES4627MB-FLF-CN-00002 | Webpage: Web chinse translation is not complete |
| 10 | ES4627MB-FLF-CN-00003 | Webpage: Warning 被alert阻塞，導致彈出alert時，出現未翻譯信息。 |
| 11 | ES4627MB-FLF-CN-00018 | SMTP: User can set the address of SMTP server the same as the management address of DUT. |
| 12 | ES4627MB-FLF-CN-00032 | Webpage(interface): trunk help page has continuous space between muiltple paragraphs. |
| 13 | ES4627MB-FLF-CN-00039 | WEB-MVR: The description in pull-down menu and help page are different. |
| 14 | ES4627MB-FLF-CN-00040 | WEB-MVR: The word "running" doesn't remove from MVR configure domain page. |
| 15 | ES4627MB-FLF-CN-00052 | SNMP: When we create SNMP-group-view with maximum 32 characters from WB, DUT show exception. |

**Runtime V1.1.1.9**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00134 | BGP: The DUT will crash when learn over 250000 of routing entries. |
| 2 | ECS4620-28T-00146 | OSPFv3: DUT crash and auto reboot when we inject 200000 routes. |
| 3 | ECS4620-28T-00162 | ATC: ATC action "shutdown" doesn't work. |
| 4 | ECS4620-28T-00168 | ConfigFile: The ping the remote PC which is timeout when the SFP port is link up. |
| 5 | ECS4620-28T-00191 | PIM6-SM: The DUT happened exception error when RP is static. |
| 6 | ECS4620-28T-00193 | VRRP: The VRRP can't selected the correct role when DUT has created another vlan interfaces. |
| 7 | ECS4620-28T-00197 | System: After we run SNMP-Walk to get to DUT; it cause this spanning-tree change continuously and DUT cannot learn any route. |
| 8 | ECS4620-28T-00199 | PIM-SM: The CLI crashed when rp candidate was removed. |
| 9 | ECS4620-28T-00200 | Configure: The DUT will reboot automatically after 10mins when copy TFTP file to running-config more 17 times. |
| 10 | ES4627MB-FLF-CN-00017 | LD: Enable LD and add port to maximum VLAN, console print error message and DUT auto reboot. |
| 11 | ES4627MB-FLF-CN-00027 | PIM6-SM: The DUT happened exception error when RP is static. |
| 12 | ES4627MB-FLF-CN-00034 | Web: 流量的help頁面中的某些參數名稱和設定頁面不同. |
| 13 | ES4627MB-FLF-CN-00037 | WebPage(OSPF): The "No OSPF Process Exist." of wrong message doesn't translate to the simplified character. |
| 14 | ES4627MB-FLF-CN-00038 | WebPage(AAA): The Web page has the extra strings on the AAA Accounting of help page. |
| 15 | ES4627MB-FLF-CN-00041 | WEB-SiteMap: The sitemap and function tree are misatch. |
| 16 | ES4627MB-FLF-CN-00042 | WEB-Mcast: The translation of "disable" in help page mismatch. |
| 17 | ES4627MB-FLF-CN-00043 | WEB-IGMPSNP: The IGMP snooping statistics and help page doesn't match. |
| 18 | ES4627MB-FLF-CN-00044 | WEB-McastRouting: Translation mismatch between WEB and Help page. |
| 19 | ES4627MB-FLF-CN-00045 | DHCP: After we create DHCP pool from CLI/WEB, DUT is halted and print exception. |
| 20 | ES4627MB-FLF-CN-00047 | WEB: We cannot to configure this relay server of mutiple VLANs from WEB. |
| 21 | ES4627MB-FLF-CN-00052 | SNMP: When we create SNMP-group-view with maximum 32 characters from WB, DUT show exception. |

**Runtime V1.1.1.10**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00134 | BGP: The DUT will crash when learn over 250000 of routing entries. |
| 2 | ES4627MB-FLF-CN-00041 | WEB-SiteMap: The sitemap and function tree are misatch. |

**Runtime V1.1.1.11**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00207 | System: When we run SNMP-Walk to get to DUT, CLI show exception and rebooting. |
| 2 | ES4627MB-FLF-CN-00053 | CFM: We cannot create MA in one MD with domain-name over 42 characters. |

**Runtime V1.1.1.12**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00031 | PIM-DM: After this OSPF route is changed, DUT does not forward multicast group to host. |
| 2 | ECS4620-28T-00134 | BGP: The DUT will crash when learn over 250000 of routing entries. |
| 3 | ECS4620-28T-00171 | PIM-DM: This multicast data forwarding is unstably between PIM routers. |
| 4 | ECS4620-28T-00207 | System: When we run SNMP-Walk to get to DUT, CLI show exception and rebooting. |
| 5 | ECS4620-28T-00212 | VRRP: The DUT will auto reboot after 10 min when show vrrp or running-config. |

**Runtime V1.2.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00206 | [enhance] support h/w stacking on L3 project |

**Runtime V1.2.1.1**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00055 | MLDv2: Can't learning group information after group leave. |
| 2 | ECS4620-28T-00147 | PIM-SM6: When we enable MLD Snooping, DUT cannot forward multicast data. |
| 3 | ECS4620-28T-00166 | VRRP: User can't create the VRRP group by SNMP management. |
| 4 | ECS4620-28T-00182 | IGMP\_SNP: Multicast data flooding when group number over multicast forwarding table size. |
| 5 | ECS4620-28T-00204 | PIM-SM: The DUT can not forward all multicast data to joined ports in multiple tagged VLAN condition. |
| 6 | ECS4620-28T-00208 | System: PIM-SM RP router cannot forward multicast data to downstream. |
| 7 | ECS4620-28T-00209 | PIM-SM\_RSTP: Multicast data is forwarded to registered intermittently. |
| 8 | ECS4620-28T-00214 | LBD: white box unit test code |
| 9 | ECS4620-28T-00215 | LLDP: white box unit test code |

**Runtime V1.2.1.2**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00088 | ip/ipv6 multicast-data-drop does not take effect on trunk port |
| 2 | ECS4620-28T-00135 | PIM-SM6: This RP router cannot forward multicast data to itself downstream. |
| 3 | ECS4620-28T-00139 | OSPFv3: Can't redistribute static route. |
| 4 | ECS4620-28T-00144 | PIM-SM6: When the port enabled lacp, the DUT happens exception error. |
| 5 | ECS4620-28T-00181 | RADIUS Acct: The radius server will reject the special ip address. |
| 6 | ECS4620-28T-00190 | OSPF: The route can't learning properly via virtual link. |
| 7 | ECS4620-28T-00202 | OSPF-MIB: We can't access several MIB tables. |
| 8 | ECS4620-28T-00206 | [enhance] support h/w stacking on L3 project |
| 9 | ECS4620-28T-00210 | CLI: Enter "show ipv6 route", CLI will print all entries without auto pause. |
| 10 | ECS4620-28T-00217 | [WEB] sta config page error |
| 11 | ECS4620-28T-00218 | Update the web help page (V1.1.1.1\_20140304) |

**Runtime V1.2.1.3**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00144 | PIM-SM6: When the port enabled lacp, the DUT happens exception error. |
| 2 | ECS4620-28T-00184 | System: After we change spanning-tree topology, DUT cannot re-learn all OSPF routes. |
| 3 | ECS4620-28T-00185 | System: After we change this OSPF route under data forwarding, DUT cannot re-learn route from its neighbor. |
| 4 | ECS4620-28T-00188 | System: After we change this spanning-tree topology under data forwarding, DUT cannot re-learn BGP route from its neighbor. |
| 5 | ECS4620-28T-00189 | System: After we change BGP routing topology, DUT cannot re-learn BGP route from its neighbor. |
| 6 | ECS4620-28T-00192 | System: After we inject 10K routing traffic over 2 hours, all DUTs cannot re-learn any routing entry. |
| 7 | ECS4620-28T-00194 | RIP: The web page will show the empty of interface information when has build up the RIP topology. |
| 8 | ECS4620-28T-00197 | System: After we run SNMP-Walk to get to DUT; it cause this spanning-tree change continuously and DUT cannot learn any route. |
| 9 | ECS4620-28T-00216 | VRRP: The VRRP can't selected the correct role when DUT has created another vlan interfaces. |
| 10 | ECS4620-28T-00219 | [IPv6 OSPF/IPv6 PIM]To support cpu rate limit on IPV6 OSPF and IPV6 PIM |
| 11 | ECS4620-28T-00220 | IGMP: igmp pkt shall be mirrored to cpu, not trap to cpu. |

**Runtime V1.2.1.4**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00110 | IPv6: DUT can't add link-local address to the neighbor cache . |
| 2 | ECS4620-28T-00114 | BGP: Show the information of ip bgp neighbor that doesn't align when the as number of neighbor is 4294967295. |
| 3 | ECS4620-28T-00201 | PIM-SM6: After we change this spanning-tree priority; DUT learn incorrect OSPF route and stop to forward multicast data. |
| 4 | ECS4620-28T-00203 | OSPF crash after ospf area range command |
| 5 | ECS4620-28T-00211 | OSPFv3: Continuous display ipv6 route, CLI dump error message and auto reboot. |
| 6 | ECS4620-28T-00228 | Phenomenon:Switch CPU utlization 100% and web fails after OPENSSL vulnerability test. |
| 7 | ECS4620-28T-00229 | Show running-config error after change username access-level |
| 8 | ECS4620-28T-00231 | Update the web help page (1.2.1.3\_20140430) |
| 9 | ES4627MB-FLF-CN-00068 | PIM-DM6: After we disconnect one link of Trunk, DUT cannot re-forward multicast data to downstream through this Trunk. |
| 10 | ES4627MB-FLF-CN-00069 | PIM-DM6: When we inject multicast data to DUT, it cannot forward data to register port member. |
| 11 | ES4627MB-FLF-CN-00074 | BGP: The BGP link status will not change to Established status |
| 12 | ES4627MB-FLF-CN-00076 | [enhance] customization for PGM from ECS4620 phase2 |

**Runtime V1.2.1.5**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00144 | PIM-SM6: When the port enabled lacp, the DUT happens exception error. |
| 2 | ECS4620-28T-00224 | VRRP: The ping will request timed out when different VLAN interface can set the same as Group ID of VRRP. |
| 3 | ECS4620-28T-00231 | Update the web help page (1.2.1.3\_20140430) |
| 4 | ES4627MB-FLF-CN-00034 | Web: 流量的help頁面中的某些參數名稱和設定頁面不同. |
| 5 | ES4627MB-FLF-CN-00065 | PIMDM6: When we enable PIM-DM6 with OSPFV3 on stacking switch, it cannot forward multicast data to host. |
| 6 | ES4627MB-FLF-CN-00066 | Stacking\_PIMSM: The DUT will forward double multicast data to registered port. |
| 7 | ES4627MB-FLF-CN-00070 | VRRP: The ping will request timed out when different VLAN interface can set the same as Group ID of VRRP. |
| 8 | ES4627MB-FLF-CN-00071 | Stacking\_IGMP: The DUT will forward double multicast data to registered port. |

**Runtime V1.2.1.6**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00110 | IPv6: DUT can't add link-local address to the neighbor cache . (Code already in V1.2.1.4) |
| 2 | ECS4620-28T-00235 | OSPFv3: Device crash after display running configuration. |
| 3 | ECS4620-28T-00236 | userauth get running may cause system excetpion hpaaened |
| 4 | ES4627MB-FLF-CN-00079 | OSPFv3: Device crash after display running configuration. |
| 5 | ES4627MB-FLF-CN-00080 | SNMP: The DUT will dump exception message when set the SNMP host and username then save the configure. |
| 6 | ES4627MB-FLF-CN-00081 | Stacking: The DUT will dump error message when copy start-up to running continue. |

**Runtime V1.2.1.8**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00233 | Enhancement Per process cpu usage monitoring |
| 2 | ECS4620-28T-00237 | userauth get running may cause system excetpion hpaaened (sync to phase2) |
| 3 | ECS4620-28T-00227 | [web] Administration > CFM > Show Information (Show Link Trace Cache) page => Please change "IP/Alias Address" to "IP Address |
| 4 | ECS4620-28T-00226 | [web] "show bridge-ext" removed GMRP, but System > Capability page still shows this item. |
| 5 | ECS4620-28T-00225 | [web] System > Switch page => temperature list shows no sensors on this page, but "show system" command shows them. |
| 6 | ECS4620-28T-00232 | [enhance] support ECS4620-28T-DC and ECS4620-28F-DC |
| 7 | ES4627MB-FLF-CN-00078 | [enhance] Update the web help page (1.2.1.3\_20140430). ES4200-PGM part |
| 8 | ES4627MB-FLF-CN-00073 | Stacking: Copy the running-conig to startup-config that will pop error message. |
| 9 | ES4627MB-FLF-CN-00050 | WEB: The maximum length of DHCP pool-name is incorrect on Help page. |
| 10 | ES4627MB-FLF-CN-00049 | WEB: The DHCP Snooping VLAN-ID range is incorrect on Help page. |
| 11 | ES4627MB-FLF-CN-00046 | WEB: The maximum length of DNS domain-name is incorrect on Help page. |
| 12 | ES4627MB-FLF-CN-00056 | WEB: The maximum length of RMON history/statistic/even owner is incorrect on Help page. |
| 13 | ES4627MB-FLF-CN-00055 | WEB: The maximum length of SNMP-group-view is incorrect on Help page. |
| 14 | ES4627MB-FLF-CN-00054 | WEB: The maximum length of SNMP View-name is incorrect on Help page. |
| 15 | ES4627MB-FLF-CN-00035 | Web: IP的 help 頁面中的某些參數名稱和設定頁面不同 |
| 16 | ES4627MB-FLF-CN-00067 | Stacking: The DUT will show fail message when renumber the stacking ID. |
| 17 | ES4627MB-FLF-CN-00081 | Stacking: The DUT will dump error message when copy start-up to running continue. |
| 18 | ES4627MB-FLF-CN-00064 | Stacking: After overnight streaming, stacking TCN continuously. |
| 19 | ES4627MB-FLF-CN-00051 | WEB: After we configure this PPPoE EIA and erro-message to maximum length, WEB cannot display correct information. |
| 20 | ES4627MB-FLF-CN-00082 | Stacking: The DUT does not reassign the stacking ID when execute the switch all renumber. |

**Runtime V1.2.1.9**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00232 | [enhance] support ECS4620-28T-DC and ECS4620-28F-DC |
| 2 | ECS4620-28T-00234 | Enhancement : change bootrom password  (Only core layer. UI is disabled) |
| 3 | ECS4620-28T-00238 | Stacking: The DUT will dump error message and automatically reboot after 10 mins when copy startup to running. |
| 4 | ECS4620-28T-00239 | Stacking: The DUT does not reassign the stacking ID when execute the switch all renumber. |
| 5 | ECS4620-28T-00242 | System: After we reload this stacking switch; it return error and all unicast data always is flooded. |
| 6 | ECS4620-28T-00243 | System: After we change spanning-tree topology, this unicast data always is flooded. |
| 7 | ES4627MB-FLF-CN-00051 | WEB: After we configure this PPPoE EIA and erro-message to maximum length, WEB cannot display correct information. |
| 8 | ES4627MB-FLF-CN-00064 | Stacking: After overnight streaming, stacking TCN continuously. |
| 9 | ES4627MB-FLF-CN-00081 | Stacking: The DUT will dump error message when copy start-up to running continue. |
| 10 | ES4627MB-FLF-CN-00082 | Stacking: The DUT does not reassign the stacking ID when execute the switch all renumber. |

**Runtime V1.2.1.10**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00238 | Stacking: The DUT will dump error message and automatically reboot after 10 mins when copy startup to running. |
| 2 | ECS4620-28T-00240 | System: IGMP host cannot receive any multicast data through stacking switch. |
| 3 | ECS4620-28T-00241 | System: When we run SNMP get to DUT; DUT is halted and rebooting itself. |
| 4 | ECS4620-28T-00244 | [enhance] support ECS4620-28T-DC and ECS4620-28F-DC [ web part ] |
| 5 | ES4627MB-FLF-CN-00083 | Stacking: The DUT will dump exception message when copy startup to running. |
| 6 | ES4627MB-FLF-EC-00661 | 88E1545 quad copper Phy A0 to A1. S/W modification. |
| 7 | ES4627MB-FLF-EC-00662 | USB disk support on ES4627MB |

**Runtime V1.2.1.11**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00238 | Stacking: The DUT will dump error message and automatically reboot after 10 mins when copy startup to running. |

**Runtime V1.2.2.1**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00265 | enhance for diag wsextlb |

**Runtime V1.2.2.2, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00267 | remove enable command for user privilege 0-7 |
| 2 | ECS4620-28T-00274 | ACL: We can't create ICMP ACE via WEB. |
| 3 | ECS4620-28T-00285 | DHCP server of switch will assign IP with the least time request which option51 attach by client 🡪 (Should be in phase3) |

**Runtime V1.2.2.3, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00266 | MAC-base VLAN should dynamically add VID to port interfance |
| 2 | ECS4620-28T-00289 | device can't ping to virtual ip when switch config as ip owner |
| 3 | ECS4620-28T-00290 | device can't ping to virtual ip when switch config as owner ip |
| 4 | ECS4620-28T-00293 | switch didn't renew arp entry when receive gratuitous ARP |
| 5 | ECS4620-28T-00296 | software checking port up/down, it will spend more time |
| 6 | ECS4620-28T-00297 | [CLI] Support Layer 2 protocol tunneling for LACP |
| 7 | ECS4620-28T-00299 | [SNMP] Support Layer 2 protocol tunneling for LACP |
| 8 | ECS4620-28T-00303 | MLDv2: Can't change query interval by SNMP. |
| 9 | ECS4620-28T-00305 | RMON: Input snmpset command by net-snmp, the system will shows exception log. |
| 10 | ECS4620-28T-00306 | remove enable command for user privilege 0-7 |
| 11 | ECS4620-28T-00307 | remove spanning tree MSTP mode then switch will hang in boot process |
| 12 | ECS4620-28T-00310 | [enhance] support CPU guard |
| 13 | ECS4620-28T-00311 | [enhance] display total flash size in CLI 'dir' command for EC products. |
| 14 | ECS4620-28T-00312 | VRRP: Cannot ping successfully from PC to VRRP IP. |
| 15 | ES4627MB-0215-LN-00003 | correction to spelling/grammar - show ipv6 mld snooping group source-list |
| 16 | ES4627MB-0215-LN-00004 | IPV6-SG: DUT should support ipv6 source-guard MIB. |
| 17 | ES4627MB-0215-LN-00005 | Password Change problem on ES-4600 series (web page) |
| 18 | ES4627MB-0215-LN-00007 | NetworkAccess: The status network-access of port always shown disabled, even user to enable the port. |
| 19 | ES4627MB-0215-LN-00008 | L2Mgmt: Save the config and reboot, the alarm rising of process CPU will become to default. |
| 20 | ES4627MB-0215-LN-00011 | Customerinfo: Some ES4628F's display issue. |
| 21 | ES4627MB-FLF-EC-00707 | Alarm : DUT can forward packets with SRC is multicast or broadcast |
| 22 | ES4627MB-FLF-EC-00757 | Watchdog reboot system while show get running config |
| 23 | ES4627MB-FLF-EC-00758 | [Stacking] Allow slave unit can enter backdoor |
| 24 | ES4627MB-FLF-EC-00759 | [Stacking] the unit id is duplicated after assign unit id |
| 25 | ES4627MB-FLF-EC-00760 | 1QVLAN: DUT cannot show all maximum VLANs, and it exit CLI session automatically. |
| 26 | ES4627MB-FLF-EC-00762 | [Stacking] DUT will hang at hot insertion phase and cause software watchdog timeout reboot after 10 minutes |
| 27 | ES4627MB-FLF-EC-00766 | [Stacking] FS synchronizing runtime takes long time and watchdog will timeout cause reboot |
| 28 | ES4627MB-FLF-EC-00768 | Traffic segmentation can't split communitcation on downlink port of salve units |
| 29 | ES4627MB-FLF-EC-00771 | When syncing the runtime, open telnet session and call "dir", system will hang and cause sw watchdog timeout. |
| 30 | ES4627MB-FLF-EC-00774 | applying "no lldp med-tlv ext-poe" to slave unit but it's applied to master unit |
| 31 | ES4627MB-FLF-EC-00776 | The display message of traffic-segmentation should not be private vlan. |

**Runtime V1.2.2.4, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00312 | VRRP: Cannot ping successfully from PC to VRRP IP.   * Fix an exception issue(in linux kernel) while “copy tftp file”. |

**Runtime V1.2.2.5, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00739 | [enhance] DHCPSNP get running PMGR to POM.   * Fix a hang issue while “show running”. |

**Runtime V1.2.2.6, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00266 | MAC-base VLAN should dynamically add VID to port interfance |
| 2 | ECS4620-28T-00291 | VRRP priority cause routing problem |
| 3 | ECS4620-28T-00300 | VLAN translation on trunk port - CLI and SNMP |
| 4 | ECS4620-28T-00309 | Support options of stacking port selection on ECS4620 phase2 |
| 5 | ECS4620-28T-00313 | RMON: On a web page, can not configure alarm function, The same parameters can be configured in CLi/SNMP. |
| 6 | ECS4620-28T-00324 | enable mac-authentication but still display disabled and not show in running-config |
| 7 | ES4627MB-FLF-EC-00775 | ECS4510 CPU handle 50+ packets if applying jumbo frame |
| 8 | ES4627MB-FLF-EC-00781 | switch does not have DHCP snooping binding table when DHCP client obtian IP address |
| 9 | ES4627MB-FLF-EC-00789 | [enahnce] ECS4510 MIB support egress ACL |

**Runtime V1.2.2.7, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00262 | IPv6 ACL support TCP/UDP port No.(CLI) |
| 2 | ECS4620-28T-00263 | IPv6 ACL support TCP/UDP port No.(SNMP) |
| 3 | ECS4620-28T-00266 | MAC-base VLAN should dynamically add VID to port interfance  -> 1. add mechanism which creating a static VLAN automatically when a MAC VLAN entry is set and corresponding VLAN does not exist  2. only MAC addresses which can be aged out by aging time can trigger auto join |
| 4 | ECS4620-28T-00297 | [CLI] Support Layer 2 protocol tunneling for LACP   * Correct the CLI Tree. |
| 5 | ECS4620-28T-00306 | remove enable command for user privilege 0-7   * Correct the CLI Tree. |
| 6 | ECS4620-28T-00310 | [enhance] support CPU guard   * Correct the CLI Tree. |
| 7 | ECS4620-28T-00318 | auto upgrade version misidentification. |
| 8 | ECS4620-28T-00323 | SNTP: The console wii lose control when type "clock timezone-" + tab key |
| 9 | ECS4620-28T-00326 | When test cable-diag all ports in the same time, will test fail and lose auto-nego |
| 10 | ES4627MB-FLF-EC-00773 | Stacking:The upgrade opcode auto doesn't sync to slave unit. |
| 11 | ES4627MB-FLF-EC-00790 | improve DAI log message display port info problem when stacking |
| 12 | ES4627MB-FLF-EC-00795 | MAC-based VLAN does not add VID dynamically to interface if injecting L2 packets (10 pps) continuously |
| 13 | ES4627MB-FLF-EC-00796 | SNTP: The console wii lose control when type "clock timezone-" + tab key |
| 14 | ES4627MB-FLF-EC-00797 | refine VLAN translation |
| 15 | ES4627MB-FLF-EC-00798 | remove setting of VLAN trasnlation from port-channel if there is no member |

**Runtime V1.2.2.8, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00262 | IPv6 ACL support TCP/UDP port No.(CLI)   * Check in non-check-in file. |

**Runtime V1.2.2.9, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ~~ECS4620-28T-00322~~ | ~~MAC-AddrMgmt : DUT can NOT learn the Vlan 4094 MAC and can NOT forward the vlan 4094 packets~~ |
| 2 | ~~ECS4620-28T-00327~~ | ~~Trunk : DUT would crush down when copy running-config startup-config~~ |
| 3 | ~~ECS4620-28T-00328~~ | ~~IPv4-AddrConfig: During configuration interface vlan process, the DUT shows exception message then crash.~~ |
| 4 | ~~ECS4620-28T-00329~~ | ~~IGMP Snooping : DUT would crush down when change the ip address of interface vlan 1~~ |
| 5 | ~~ECS4620-28T-00330~~ | ~~LLDP : DUT would crush down when type "no lldp" command~~ |
| 6 | ~~ES4627MB-FLF-CN-00098~~ | ~~No interface vlan cause exception~~ |
| 7 | ~~ES4627MB-FLF-EC-00681~~ | ~~[Enhancement] send info to local/remote syslog if stacking port goes down~~ |
| 8 | ~~ES4627MB-FLF-EC-00767~~ | ~~Cable-Diag does not work on salve units~~ |

**Runtime V1.2.2.10, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00322 | MAC-AddrMgmt : DUT can NOT learn the Vlan 4094 MAC and can NOT forward the vlan 4094 packets |
| 2 | ECS4620-28T-00327 | Trunk : DUT would crush down when copy running-config startup-config |
| 3 | ECS4620-28T-00328 | IPv4-AddrConfig: During configuration interface vlan process, the DUT shows exception message then crash. |
| 4 | ECS4620-28T-00329 | IGMP Snooping : DUT would crush down when change the ip address of interface vlan 1 |
| 5 | ECS4620-28T-00330 | LLDP : DUT would crush down when type "no lldp" command |
| 6 | ES4627MB-FLF-CN-00098 | No interface vlan cause exception |
| 7 | ES4627MB-FLF-EC-00681 | [Enhancement] send info to local/remote syslog if stacking port goes down |
| 8 | ES4627MB-FLF-EC-00767 | Cable-Diag does not work on salve units |

**Runtime V1.2.2.11, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00320 | SFTP (CLI and SNMP) (Sync to branch) |
| 2 | ECS4620-28T-00325 | [enhance] DHCP server support DHCP option 43 |
| 3 | ECS4620-28T-00337  ES4627MB-FLF-EC-00809 | DHCPSNP didn't trap to CPU when master role change |
| 4 | ~~ES4627MB-FLF-EC-00785~~ | ~~SNMP: remove configuration is not correctly ,will cause DUT configuration different from factory default~~  ~~(Not fixed yet)~~ |
| 5 | ~~ES4627MB-FLF-EC-00786~~ | ~~Snmp: The value of Snmp engine boots can NOT return to "1"~~  ~~(not Fixed yet)~~ |
| 6 | ES4627MB-FLF-EC-00814 | mac-base VLAN : auto-join mechanism should not work on access mode. |
| 7 | ES4627MB-FLF-EC-00815 | mac-base VLAN : display warning message if user would like to change hybrid mode to access mode |

**Runtime V1.2.2.13, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00349 | 1QVLAN: After we change VLAN status from suspend to active; DUT return error and drop all packets. |
| 2 | ECS4620-28T-00351 | [Enhancement] DHCP server support option 43-> bug fix |
| 3 | ES4627MB-FLF-EC-00799 | switch will not learn the vlan by GVRP when add/remove vlan member on port |
| 4 | ES4627MB-FLF-EC-00821 | vlan-translation didn't work with DHCPSNP |

**Runtime V1.2.2.15, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00368 | FQDN for SNTP |
| 2 | ES4627MB-FLF-EC-00828 | DHCPSNP option82 "no-vlan-field" didn't work on slave unit |
| 3 | ES4627MB-FLF-EC-00829 | vlan-translation didn't work when master role change |

**Runtime V1.2.2.16, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| ~~1~~ | ~~ECS4620-28T-00357~~ | ~~high cpu utilization and low throughput because of ip default GW with ECMP feature(does not fix in this version)~~ |

**Runtime V1.2.2.17, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00357 | high cpu utilization and low throughput because of ip default GW with ECMP feature |

**Runtime V1.2.2.18, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4210-52P-00877 | Failed to set MAC-based VLAN because of 4K VLAN? |
| 2 | ECS4620-28T-00332 | VLAN 1 cannot be removed, it will appear again after save configure and reboot. |
| 3 | ECS4620-28T-00343 | DHCPServer: The host IP shall be display on "Active Pool". |
| 4 | ECS4620-28T-00350 | IPv6-AddrConfig: IPv6 address got from RA shows "INVALID" |
| 5 | ECS4620-28T-00373 | ERPS part of config is missing when master reboot |
| 6 | ECS4620-28T-00378 | [WEB] Support Simplified Chinese. |
| 7 | ECS4620-28T-00382 | 802.1x: The Radius host will disappear when sets the key value of radius host is maximum number after save/reboot the DUT. |
| 8 | ECS4620-28T-00384 | EX35XX00204221 - Switch sometime auto reboot after configure dot1x. |
| 9 | ECS4620-28T-00394 | XSTP: sync bug fixes from main to branch |
| 10 | ES4627MB-FLF-EC-00785 | SNMP: remove configuration is not correctly ,will cause DUT configuration different from factory default |
| 11 | ES4627MB-FLF-EC-00786 | Snmp: The value of Snmp engine boots can NOT return to "1" |
| 12 | ES4627MB-FLF-EC-00847 | QinQ Priority Map Feature |

**Runtime V1.2.2.19, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00369 | Rate-Limit: Enable ingress rate-limit on trunk, both ingress and egress are take effect. |
| 2 | ECS4620-28T-00371 | IPv6-TraceRoute: Source IP address on traceroute execution page is wrong. |
| 3 | ECS4620-28T-00372 | LLDP: Create LLDP CA-Type with maximum length of CA-Value, it will dispaly garbage character on WEB. |
| 4 | ECS4620-28T-00403 | remove interface vlan 2, the CPU MAC for VLAN 2 is still exist |
| 5 | ECS4620-28T-00414 | [telnet] Multi-user login with telnet at the same time might cause DUT reboot |
| 6 | ECS4620-28T-00415 | memory leakage when injecting specific lldp packets |
| 7 | ECS4620-28T-00417 | [Routing problem] Switch forwards 2 times of packet with ttl n-1 to incoming port |
| 8 | ECS4620-28T-00419 | TCP/HTTP request packets cause memory leakage and reboot by sw watchdog. |
| 9 | ECS4620-28T-00430 | Display the correct backdoor message in telnet session |
| 10 | ECS4620-28T-00434 | [Enhancement]Fix backdoor printf issue for swctrl |
| 11 | ECS4620-28T-00438 | [Enhancement]Fix backdoor printf issue for swdrv |
| 12 | ES4528BH2-HPoE-0415-ACN-00101 | IPv4-AddrConfig: CLI stops and device reboots when we repeated to set IP address and remove it. |
| 13 | ES4627MB-FLF-EC-00859 | IGMP packets will be dropped when receive many ARP packets |
| 14 | ES4627MB-FLF-EC-00864 | switch sent out EAPOL-start packet by default |
| 15 | ES4627MB-FLF-EC-00866 | broadcast ARP request does not denied by DAI |
| 16 | ES4627MB-FLF-EC-00868 | [Stacking] error message "Error: Unit 3 config sync failed." after DUT entering runtime. |
| 17 | ES4627MB-FLF-EC-00874 | [enhancement]prevent driver\_proc killed by kernel oom\_killer |

**Runtime V1.2.2.21, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00338 | DHCP-Snooping: After we remove port member from trunk, DUT show invalid interface ID. |
| 2 | ECS4620-28T-00341 | [ECS4510-28F] revise design when SFP port type change |
| 3 | ECS4620-28T-00348 | LACP: LACP display page can't exit by press other key (other than [Space], [Enter] or [A]). |
| 4 | ECS4620-28T-00367 | DAI: We can't enable arp inspection validate IP without allow zeros by SNMP. |
| 5 | ECS4620-28T-00377 | MSTP : DUT can NOT save the MSTP config after reload |
| 6 | ECS4620-28T-00386 | failed to apply global MAC or IP ACL |
| 7 | ~~ECS4620-28T-00389~~ | ~~Configuration of ARP ACL is not save properly in running-config/startup-config~~  ~~(do not need epr fix in this project branch)~~ |
| 8 | ECS4620-28T-00392 | MIB file problem in simpleweb |
| 9 | ECS4620-28T-00397 | AutoUpgrade: ftp and tftp path should not allowed input @ if there is no username and password before IP |
| 10 | ECS4620-28T-00406 | MAC-VLAN/MAC-Filter: Can't set MAC: mac-address 001122334455 mask ff0000000000 |
| 11 | ECS4620-28T-00413 | [enhance] DAI: The log information of DAI add which type of arp dropped. |
| 12 | ECS4620-28T-00418 | Switch does not update internal HW routing table when removing static MAC address entry |
| 13 | ECS4620-28T-00432 | [telnet] Correct the API used in fs, leddrv backdoor |
| 14 | ECS4620-28T-00441 | ACL-Timebased:ACL timebased not work on time range with periodic time rules(Thursday to Friday) |
| 15 | ECS4620-28T-00444 | RSPAN:cannot delete rspan source port by no cmd |
| 16 | ECS4620-28T-00445 | SNMP:Remove the snmp host cause snmp cannot connect to DUT with community public |
| 17 | ECS4620-28T-00448 | extended problem of ECS2000-28PP-00300 |
| 18 | ECS4620-28T-00449 | MAC-VLAN: The information in CLI is different with MIB and Web |
| 19 | ECS4620-28T-00450 | switch sent wrong source mac when routing |
| 20 | ECS4620-28T-00452 | MLDSNP: DUT doesn't send tagged query including general query and GS query. |
| 21 | ECS4620-28T-00453 | Memory rising/falling trap reference to "memoryFreeInPercent" |
| 22 | ECS4620-28T-00455 | [SFP DDM] "TX/RX power: NA", "Not support DDM" at CLI "show interface transceiver" |
| 23 | ECS4620-28T-00463 | [enhance] add SFP eeprom checksum verify |
| 24 | ECS4620-28T-00464 | [enhance] lock mux before reload |
| 25 | ECS4620-28T-00464 | [enhance] lock mux before reload |
| 26 | ECS4620-28T-00466 | [enhance] Will not allow to change hwinfo in diag |
| 27 | ECS4620-28T-00467 | MLDSNP: Some show commands caused DUT to crash and reboot. |
| 28 | ECS4620-28T-00480 | RMON2:Cannot create new index of Rmon2 trapDestEntry(1.3.6.1.2.1.16.19.1) (sync to branch) |
| 29 | ~~ES4627MB-FLF-EC-00791~~ | ~~Revise design of VLAN ingress fitering~~   * ~~miss a case: change PVID directly when ingress filtering is enabled~~ |
| ~~30~~ | ~~ES4627MB-FLF-EC-00867~~ | ~~MAC ACL does not filter broadcast ARP request if DAI enabled~~  ~~-> sinec SYS\_CPNT\_SW\_ACL did not enable, this enhance can not work on this version.~~ |
| 31 | ES4627MB-FLF-EC-00880 | switch linkup as 1000full when port type set as 100BASE-FX |
| 32 | ES4627MB-FLF-EC-00885 | slave unit didn't set startup config correctly |
| 33 | ES4627MB-FLF-EC-00893 | 802.1X : DUT can NOT reject the port enable 802.1x port-control which has joined the port channel |
| 34 | ES4627MB-FLF-EC-00894 | 802.1X : DUT can NOT save the supp-timeout after reboot |
| 35 | ES4627MB-FLF-EC-00896 | vlan 4094 dynamic mac-address-table cannot be cleared |
| 36 | ES4627MB-FLF-EC-00917 | incorrect display"no shutdown" in running-config |
| 37 | ES4627MB-FLF-EC-00918 | [Enhancement] add missing switchMgt OIDs in MIB file |
| 38 | ES4627MB-0215-LN-00001 | modify CONFIG\_BLK\_DEV\_RAM\_SIZE=16384 -> 20480 in linux\_kernel |

**Runtime V1.2.2.22, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00333 | IGMP Snooping : Failed to add VLAN 4094 static multicast group member port |
| 2 | ECS4620-28T-00346 | SNTP: The effect of summer time is incorrect for australia and new zealand region. |
| 3 | ECS4620-28T-00362 | MLDSNP: FCS in MLD GSS query sent from DUT is wrong. |
| 4 | ECS4620-28T-00463 | [enhance] add SFP eeprom checksum verify (remove debug message only) |
| 5 | ECS4620-28T-00478 | switch didn't ask arp when forwarding DHCP relay packets |
| 6 | ES4627MB-FLF-EC-00889 | [Enhancement] Support quintuple vlan tag by software |

**Runtime V1.2.2.23, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00492 | 1qvlan1760:show ip interface didnot display ip dhcp client class-id information |
| 2 | ECS4620-28T-00493 | dut printout information continuity when excute configure allowed vlan |

**Runtime V1.2.2.24, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| ~~1~~ | ~~ES4627MB-FLF-EC-00791~~ | ~~Revise design of VLAN ingress fitering (Re-open)~~ |

**Runtime V1.2.2.25, Mini-uboot 0.3.0.0, Loader 0.3.2.1, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ES4627MB-FLF-EC-00791 | Revise design of VLAN ingress fitering (Re-open) (Re-open) |

**Runtime V1.2.2.26, Mini-uboot 0.3.0.1, Loader 0.3.2.3, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00344 | IPv6 ACL must sepcific TCP/UDP protocols for src/dst port No. |
| 2 | ECS4620-28T-00387 | web-auth : web-page is blank |
| 3 | ECS4620-28T-00404 | ACL: MAC-ACL with IPv6 source port/destination and bitmask do not work. |
| 4 | ECS4620-28T-00426 | SNMP:the warmSrart traps cannot be received when SNMP trap is enabled |
| 5 | ECS4620-28T-00489 | incorrect display"no shutdown" in running-config |
| 6 | ECS4620-28T-00495 | add secondary absolute time rule into one time-range,the secondary absolute time rule shall replace the first one |
| 7 | ECS4620-28T-00498 | a new static ipsg binding entry on the same port with same ip ,mac ,different vlan as before,should replace old one |
| 8 | ECS4620-28T-00501 | ipv6mldsnp20:DUT didnot handle the various IPv6 Multicasts well when enables MLD Snooping |
| 9 | ECS4620-28T-00502 | ipv6mldsnp0040:DUT didnot handle the MLD querier election well to select the Lower IP address. |
| 10 | ECS4620-28T-00503 | ipv6mldsnp0120: DUT will handle the multicast router ports well |
| 11 | ECS4620-28T-00504 | 1QVLAN1770-recreate vlan interface the setting is same as former setting |
| 12 | ECS4620-28T-00505 | protocol-vlan protocol-group without proocol PPPoE |
| 13 | ECS4620-28T-00514 | LLDP: missing lldp dot3-tlv poe command |
| 14 | ECS4620-28T-00527 | MLDSNP: Mrouter port forwarded multicaset data to normal port when normal port sent the same multicast data first. |
| 15 | ECS4620-28T-00529 | TACACS+: The DUT will reboot automatically when user logins the DUT by TACACS account, but the TACACS key is mismatch. |
| 16 | ECS4620-28T-00531 | [enhance] support ECS4620-28F-2AC, ECS4620-52P-2AC (only phase2) |
| 17 | ECS4620-28T-00534 | [enhance] uboot support ECS4620-28F-2AC, ECS4620-52P-2AC (only phase2) |
| 18 | ES4627MB-FLF-EC-00772 | [enhance] provide a hiden option for upgrade special images in runtime. CLI and SNMP part -> but not enable the cpnt. |
| 19 | ES4627MB-FLF-EC-00791 | Revise design of VLAN ingress fitering (Re-open) |
| 20 | ES4627MB-FLF-EC-00901 | a new static ipsg binding entry on the same port with same ip ,mac ,different vlan as before,should replace old one |
| 21 | ES4627MB-FLF-EC-00903 | ACL: MAC-ACL with IPv6 source port/destination and bitmask do not work. |
| 22 | ES4627MB-FLF-EC-00912 | Existing MAC addresses on a secure port dynamic shall be moved learned on a non-secure port |
| 23 | ES4627MB-FLF-EC-00916 | dhcp retransmission interval is not right |
| 24 | ES4627MB-FLF-EC-00941 | ECS4510-52T self reboot after SSH timeout |
| 25 | ES4627MB-FLF-EC-00942 | The AU message needs to be turned off on stacking port |
| 26 | ES4627MB-FLF-EC-00951 | [Enhancement] add description of switchFanTable and switchThermalActionTable in MIB file |
| 27 | ES4627MB-FLF-EC-00958 | destination ipv6 mac of acl is not right as setting |
| 28 | ES4627MB-FLF-EC-00959 | l4-source-port or l4-destination-port with mask of acl didnot display correctly in config |

**Runtime V1.2.2.27, Mini-uboot 0.3.0.1, Loader 0.3.2.3, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00461 | SNMP: We got an error message while perform SNMP walk. |
| 2 | ECS4620-28T-00494 | time-range canot be saved after copyrunningconfig&reload |
| 3 | ECS4620-28T-00535 | [Telnet] After tool "LOIC" TCP:23port attack, the DUT would reboot |
| 4 | ECS4620-28T-00536 | acl1410:second ace in acl is not effective |
| 5 | ECS4620-28T-00537 | Protection : Can NOT downgarde to phase 1 f/w version on NEW hardware version(poncat 2) |
| 6 | ECS4620-28T-00538 | delete vlan id cause exception message |
| 7 | ECS4620-28T-00547 | TimeRange: Periodic weekdays and weekend configuration can not be kept after save and reboot. |
| 8 | ECS4620-28T-00549 | Syslog: The event of port security has no record to system log list. |
| 9 | ECS4620-28T-00550 | L2 Switch: The number of receiving multicast packet should not be large than ingressive packet count. |
| 10 | ECS4620-28T-00551 | DHCP-Snooping: After we remove port member from trunk, DUT show invalid information. |
| 11 | ECS4620-28T-00552 | ACL: Only first ACE with L4 source port in MAC ACL is effictive. |
| 12 | ECS4620-28T-00554 | SNMP: Some MIB file error when we verify by simpleweb. |
| 13 | ECS4620-28T-00555 | IGMP-SNP: When DUT become querier, the other querier infromation does not remove. |
| 14 | ECS4620-28T-00558 | MLDSNP: Forwarding rate of some UDP well known packets is very poor. |
| 15 | ECS4620-28T-00561 | ECS4120-28F media-type sfp-forced 100fx after reboot will linkup as 1000full. |
| 16 | ECS4620-28T-00563 | MAC-Filter: The port is an enabled guest VLAN, the MAC authentication can enabled. |
| 17 | ECS4620-28T-00567 | MLDSNP: Other Querier Address doesn't show none when DUT received a query with higher address. |
| 18 | ECS4620-28T-00568 | Super password can remote login when set vtp password |
| 19 | ECS4620-28T-00569 | DQoS: The default priority is not modifying when the port had once the authenticated. |
| 20 | ECS4620-28T-00570 | 802.1XDQoS: The DUT will permit the supplicant when the attribute is wrong configure. |
| 21 | ECS4620-28T-00572 | port utilization info is incorrect on 10G port |
| 22 | ES4627MB-FLF-EC-00897 | time-range canot be saved after copyrunningconfig&reload |
| 23 | ES4627MB-FLF-EC-00898 | dut cannot handle two periodic time rules correctly |
| 24 | ES4627MB-FLF-EC-00908 | add secondary absolute time rule into one time-range,the secondary absolute time rule shall replace the first one |
| 25 | ES4627MB-FLF-EC-00964 | removed mac address of original unit 2 from the config, stktplg will exception during booting. |
| 26 | ES4627MB-FLF-EC-00975 | ECS4510-28F QinQ with TPID 9100 does not work |

**Runtime V1.2.2.28, Mini-uboot 0.3.0.1, Loader 0.3.2.3, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00502 | ipv6mldsnp0040:DUT didnot handle the MLD querier election well to select the Lower IP address. |
| 2 | ECS4620-28T-00561 | ECS4120-28F media-type sfp-forced 100fx after reboot will linkup as 1000full. |

**Runtime V1.2.2.29, Mini-uboot 0.3.0.1, Loader 0.3.2.3, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00476. | MLDSNP: DUT sent 2 G-S query even robustness value was changed to 5. |
| 2 | ECS4620-28T-00477. | MLDSNP: Registered group is deleted before it's expire time timeout. |
| 3 | ECS4620-28T-00488. | The system would probably halt at "Entering transition mode" while iterative reloading by scripts. |
| 4 | ECS4620-28T-00515. | MLDSNP: When MLDSNP was disabled, Other Querier Address doesn't show None. |
| 5 | ECS4620-28T-00516. | MLDSNP: Other Querier Expire is 0 when received the query with higher IP address. |
| 6 | ECS4620-28T-00517. | MLDSNP: Other Querier Address doesn't show None when the DUT received a query with higher IP address. |
| 7 | ECS4620-28T-00518. | MLDSNP: Self Querier Expire is not 0 when the DUT receives teh query with lower IP address. |
| 8 | ECS4620-28T-00519. | MLDSNP: DUT can not send the query when enable querier and VLAN's IP is lower. |
| 9 | ECS4620-28T-00520. | MLDSNP: DUT, which is not querier, sent query when ther querier expired. |
| 10 | ECS4620-28T-00524. | MLDSNP: IPv6 well-known multicast can not be flooded. |
| 11 | ECS4620-28T-00542 | ConfigMgmt: Port 27&28 media-type could not be saved to 1000sfp after reboot |
| 12 | ECS4620-28T-00556 | MLDSNP: DUT would forward double well-known packets to other ports when enable MLDSNP. |
| 13 | ECS4620-28T-00565 | MLDSNP: Multicast data can not flood to other ports even MLDSNP is disabled. |
| 14 | ECS4620-28T-00574 | Time-range-0070 80:periodic time-range cannot be delete after unbind to acl |
| 15 | ECS4620-28T-00575 | IPV6MLDSNP-0020:dut received IPv6 Link-local scope multicast packets twice as much as send |
| 16 | ECS4620-28T-00576 | LLDP-MED: There is no model name information in LLDP-MED TLV for ECS4620-52P-2AC. |
| 17 | ECS4620-28T-00577 | Transceiver: It pops debug message "DEV\_SWDRV\_GetPortOperSpeedDuplex(): Line = 11672 , error\_id=1" |
| 18 | ECS4620-28T-00578 | Enhancement: add a new library function to replace strcat or strncat |
| 19 | ECS4620-28T-00579. | STP : DUT2 console is down when spanning tree mode is stp |
| 20 | ECS4620-28T-00580. | MLDSNP OM lock/unlock are asymmetric, maybe cause some deadlock |
| 21 | ECS4620-28T-00585. | switch with stack can't display config complete via SSH |
| 22 | ECS4620-28T-00586 | IGMP-SNP: After remove vlan, an exception occurs. |
| 23 | ECS4620-28T-00587. | IP-Cluster: IP Cluster Web Management Failed |
| 24 | ECS4620-28T-00588 | TACACS+: The DUT will printing the exception message when delete the tacacs key and login the local account. |
| 25 | ECS4620-28T-00589 | correction to spelling/grammar - IP Source Guard (General) |
| 26 | ECS4620-28T-00590. | switch stops sending syslog trap to server |
| 27 | ECS4620-28T-00592. | [stacking] slave module port fail to set media-type sfp-force |
| 28 | ECS4620-28T-00594. | acl setting follow hints is failed (sync to phase2) |
| 29 | ECS4620-28T-00595 | OSPF: When we clear OSPF interface setting from WEB; DUT show exception, and CLI is halted. |
| 30 | ECS4620-28T-00596. | TACACS+ACCT-0070: accounting sessions number not match summation of console, telnet and SSH |
| 31 | ECS4620-28T-00601. | RADIUS-Acct: The console and Web of accounting information that is mismatch |
| 32 | ES4627MB-FLF-EC-00976 | display problem when show interfaces counters in stack via SNMP |

**Runtime V1.2.2.30, Mini-uboot 0.3.0.1, Loader 0.3.2.3, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00352. | IGMP-SNP: When immediate leave enable, the IGMPv3 group can't leave after recieve leave message. |
| 2 | ECS4620-28T-00356. | IGMP-Filter: After create IGMP profile via SNMP, the range table become mismatch. |
| 3 | ECS4620-28T-00584 | IP-Cluster: Commander auto reboots after it logs off member switch. |
| 4 | ECS4620-28T-00599 | BGP: The Local-preference is mismatch the spec. |
| 5 | ECS4620-28T-00600 | BGP: The Local-preference is -2147483648 |
| 6 | ECS4620-28T-00602 | BGP: The metric and weight is -2147483648 |
| 7 | ECS4620-28T-00603. | Diffserv: missing 'no set ip dscp' command |
| 8 | ECS4620-28T-00604. | Correct ACL command tree |
| 9 | ECS4620-28T-00605 | BGP: The DUT pop up the exception message and automatically reboot after 10 mins when no ip extcommunity-list. |
| 10 | ECS4620-28T-00607. | CLI: Please rename "Excutes" to "Execute" about cable-diagnostics. |
| 11 | ECS4620-28T-00608 | L3 DHCP Relay Enhancement: new command for changing source IP of Discover/Request |
| 12 | ECS4620-28T-00609. | loopback detection log messages are incorrect |
| 13 | ECS4620-28T-00613. | ECS4100-52T sends LLDP packet with no “port description, system name and system description” field after receiving Huawei s |
| 14 | ECS4620-28T-00615. | Duplicate DHCP discover packet and maximum value of retransmission interval is not right |
| 15 | ECS4620-28T-00617 | Let multicast packet egress to slave without going to slave CPU |
| 16 | ECS4620-28T-00619. | The MVR VLAN does not removed automatically when I disable“mvr do 1 type receiver” on port 1. |

**Runtime V1.2.2.31, Mini-uboot 0.3.0.1, Loader 0.3.2.3, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00612 | stacking:throughput problem |
| 2 | ECS4620-28T-00622 | [Enhancement] extend the number of VRRP instances to 32 |

**Runtime V1.2.2.32, Mini-uboot 0.3.0.1, Loader 0.3.2.3, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00443 | Portsecurity:DUT not generate port security trap when exceept max-mac-count with action trap/trap-and-shutdown |
| 2 | ECS4620-28T-00581 | privilege level is 0 when enable login password without username |
| 3 | ECS4620-28T-00621. | Huawei switch S2300 can't recognize ECS4100's LLDP packet with "dot1-tlv protocol identity" |
| 4 | ECS4620-28T-00625 | [Stacking] sometimes startup config disappear |
| 5 | ECS4620-28T-00630 | LinkDetection:Port admin status is not up when DUT detecting port link-down event. |
| 6 | ECS4620-28T-00631 | NTP-0040:dut didnot handle NTP multiple servers well |
| 7 | ECS4620-28T-00633. | DoS: Use LOIC to attack port 22, CLI has no response and DUT reboot by watchdog. |
| 8 | ECS4620-28T-00634. | LLDP-MED: capabilities TLV transmission shall be enabled first and disabled last relative to other MED TLVs |
| 9 | ECS4620-28T-00635 | ERPS function cause exception |
| 10 | ECS4620-28T-00637. | CPU MAC on slave is not removed when VLAN interface removed |
| 11 | ECS4620-28T-00638 | MSTP: Change the instance priority, the traffic will stop and recover the issue after 6 mins. |
| 12 | ECS4620-28T-00639. | snmpEngineTime didn't reset the value even switch reboot |
| 13 | ECS4620-28T-00640 | command (ip arp inspection trust) not present in config after reload |
| 14 | ECS4620-28T-00642. | [Telnet] After tool "LOIC" TCP:23port attack, modified thread pool for telnetd & tnshd |
| 15 | ECS4620-28T-00649 | stacking problem: remove the stacking cable swtich will reload |
| 16 | ECS4620-28T-00651. | SW watchdog log file should not more than 5 files |

**Runtime V1.2.2.33, Mini-uboot 0.3.0.1, Loader 0.3.2.3, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00662 | [Enhancement] extend the maximum number of VRRP instances to 64 |
| 2 | ECS4620-28T-00663 | [Enhancement] extend the maximum number of OSPF networks to 64 |

**Runtime V1.2.2.34, Mini-uboot 0.3.0.1, Loader 0.3.2.3, MFG Runtime 1.6.1.0**

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|  | EPR | Headline |
| 1 | ECS4620-28T-00317. | PPPoE-IA: Remote ID of PPPoE request packets output by trust port is altered if long Access Node ID is configured. |
| 2 | ECS4620-28T-00374. | RADIUS-Acct: The Accounting name will keep count that doesn't refresh when the port has changed the accounting name. |
| 3 | ECS4620-28T-00375. | Radius: The traffic will forward when authenticator state is connecting. |
| 4 | ECS4620-28T-00611 | ECMP:configure 9 staitc IPV6 route, there are 9 ecmp neighbor and only 8 static route in running cfg |
| 5 | ECS4620-28T-00612 | stacking:throughput problem (peter's fix rollback) |
| 6 | ECS4620-28T-00636 | the switch does not give response to ttl = 1(traceroute) |
| 7 | ECS4620-28T-00668 | Inject the LLDP packet, then dashboard and show remote device information will empty. |
| 8 | ECS4620-28T-00670. | stacking: upgrade firmware by http cannot configuration the Destination File Name |
| 9 | ECS4620-28T-00671 | [Enhance] Modified openSSL/libXML build script to avoid privilege issue |

**modifications:**

**Loader V0.0.1.2**

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| --- | --- |
|  | Initial Version |

**Runtime V0.0.0.1**

|  |  |
| --- | --- |
|  | Initial Version |

**Runtime V1.1.0.0**

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| --- | --- |
|  | [enhance] set SYS\_ADPT\_MAX\_FILE\_SIZE to 18MB from 15MB  User can not upgrade to V1.1.0.0 runtime from old runtime directly. User MUST use a jump runtime (113.7.2.1) to upgrade to V1.1.0.0. |

**Runtime V1.1.1.2**

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|  | ES3528MV2-FLF-EC-00502 VLAN: PVID can be set on VLAN which a port does not join; a new command can set VLAN membership directly without add/remove. |

**Runtime V1.1.1.3**

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| 1 | ES4627MB-FLF-EC-00533 [enhance] support MSTP instances to 65 (64 MSTI + 1 CIST) |
| 2 | ES4627MB-FLF-EC-00574 [Enhance] RSTP support TCN propogation group |
| 3 | ES4627MB-FLF-EC-00575 [Enhance] UDLD support configurable recover timer and detection timer |
| 4 | ES4627MB-FLF-EC-00583 Enhancement: CPU protection to prevent management loss by heavy traffic attack |
| 5 | ECS3510-28T-00381 Enhancement Per process cpu usage monitoring |

**Runtime V1.1.1.6**

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| 1 | ECS4620-28T-00198 [enhance] dynamic enable/disable PCL |

**Runtime V1.1.1.7**

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| 1 | ECS4620-28T-00195 [enhance] support OSPF area authentication |
| 2 | ECS4620-28T-00196 [enhance] support BGP Neighbor Authentication |

**Runtime V1.2.1.0**

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| 1 | ECS4620-28T-00206 [enhance] support h/w stacking on L3 project |

**Runtime V1.2.1.8**

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| --- | --- |
| 1 | ECS4620-28T-00232 [enhance] support ECS4620-28T-DC and ECS4620-28F-DC |

**Runtime V1.2.1.9**

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| 1 | ECS4620-28T-00234 Enhancement : change bootrom password. 🡪 This feature is only provide to specific customer. |

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

**Known Bugs and Issues:**

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

**Known RESTRICITIONS AND Limitations:**

|  |  |
| --- | --- |
| 1 | For 52T, chip limitation: Half duplex ports can not use backpressure when using Cross Chip Flow Control. (Can reference the attached file "CCFC for edgecore.pdf" in EPR: ES4627MB-FLF-EC-00256.) |
| 2 | Chip limitation. 10G port (Phy 98X22251) on 1G mode, does not support Auto-negotiation. |
| 3 | FDB hash lookup depth to 4 has MAC collision issue(MAC collisions cause continuous high CPU loading) but without Fully Mesh Test(RFC2544) issue. |
| 4 | FDB hash lookup depth to 32 has not MAC collision issue at customer environment(customer is ROMSAT)(Ectually, MAC collision still exist), but has Fully Mesh Test(RFC2544) issue which packet loss in 128 Bytes or 64 Bytes packet length. Packet loss rate is 36.7% in 128 Byte and 64.1% in 64 Byte. From the Marvell's datasheet, it is the chip limitation.(\*1)  (\*1)  The Bobcat datasheet has some description on this. |
| 5 | There is a issue which packet loss with 64byte size packet in full loading test. It is a chip limitation. |
| 6 | 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 | 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] |
| 8 | Due to limited packet buffer in chip, flow control may meet the packet loss if packet size is larger than 1518 bytes.(ECS4620-28T-00545) |
| 9 | There is one MAC address reserved for stacking usage. So the total mac address can be learnt is 16383. (ECS4620-28T-00400) |
| 10 | (Chip limitation) The device support mirroring a packet(i.e., sending a copy of the packet) to a configurable analyzer port. Mirroring to an analyzer and to CPU is performed on a best effort basis, and is not guaranteed at full wire speed. However, due to this erratum, a duplication can be lost. (ES4627MB-FLF-EC-00986) |

**Compliance support:**

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| --- | --- |
| **Compliance Level** | **Compliant** |
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Known Anomalies: None.

**IEEE Standards Support:**

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| **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:**

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| --- | --- | --- |
| **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) |
| 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) |
| 2618 | RADIUS MIB | - radiusAuthClientMIB (1) |
| 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) |
| V-Bridge MIB | V-Bridge MIB | - dot1vProtocol group |
| 3636 | MAU MIB | * dot3IfMauBasicGroup * dot3IfMauAutoNegGroup |

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| 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 |
| 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 |

**ES4626F-SW/ES4650F-SW Private Enterprise MIB Support:**

|  |  |
| --- | --- |
| **Title** | Version |
| ECS4510-Series.mib | 201202150000Z |

**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: