

## IPMI Firmware / BIOS Release Notes Form

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| <b>Product Name</b>     | <b>H11DSU-iN (All)</b>   |
| <b>Release Version</b>  | <b>1.52.13</b>   |
| <b>Release Date</b>     | <b>06/21/2021</b>  |
| <b>Previous Version</b> | <b>1.52.00</b>   |
| <b>Update Category</b>  | <b>Critical</b>  |
| <b>Dependencies</b>     | <b>N/A</b>   |
| <b>Important Notes</b>  | <b>ECO #18659</b><br><b>Please note that, following configuration items will get lost after upgrading to R1.52.13 from previous version or roll back from R1.52.13 to previous version. Please re-configure after upgrade or downgrade.</b><br><b>"KCS Privilege", "UID Control", "Web Session", "Healthy Event log - advanced settings", "syslog", "network -Dynamic IPv6" and "network – Static IPv6".</b>   |
| <b>Enhancements</b>     | <ol style="list-style-type: none"><li>1. Improve BMC's access to the system SMBus(when the system is reset).</li><li>2. Add INTEL E810 and Broadcom BMC57508 chipset/ Add retry mechanism to avoid I2C unstable situation.</li><li>3. [111616] [IPMI 1.52.04 ECO] Can't find the url for "/Systems/1/Bios" and "/Systems/1/Bios/SD" to allow updating of BIOS attributes.</li><li>4. Improved NVMe BPN recognition and support for more CPLD generation 2 formats(0x55~0x58), 0x55 - CPLD GEN2 format, 0x56 - CPLD GEN2 format with date code, 0x57 - MCU GEN2 format, 0x58 - MCU GEN2 format with date code</li></ol> |
| <b>New features</b>     | <b>N/A</b>   |

**Fixes**

1. BIOS cannot successfully read/write redriver for NVMe during boot.
2. [121769] STD – 17212 – 01.23.05 -- [Security] Special characters at Configuration DDNS
3. [120855] No NVMe sensor reading on IPMI WebGUI.
4. [116449] Can't configure BIOS over Redfish
5. [116115] Fail to set user name with special characters thru SMCIPMITool
6. [116532]"Can't eject NVMe HDD successfully and the there are typo
7. [116114] Standard -- 10922 -- 1.52.07 --Popup message is inconsistent with behavior
8. [115459] ECO --10922 -- 01.52.06(07/27/2020) -- Can't save sensor table as CVS file(use FireFox browser)
9. [115460] ECO --10922 -- 01.52.06(07/27/2020) -- SSL Certification confirm window has typo
10. [IPMI 1.52.04 ECO] Can't find the url for "/Systems/1/Bios" and "/Systems/1/Bios/SD" to allow updating of BIOS attributes.
11. [114239] [GPU compatibility]System Firmware Error was asserted during cburn ONOFF test.
12. [111529] [IPMI 1.52.04 ECO] IPMI automation failed.
13. [110493] [TAS\_1.6.0\_build.200514]IPMICFG cannot get information normally under SLES 12 SP4
14. [110318] GPU Status show N/A on IPMI Web Sensor Readings when NVIDIA Tesla V100S were installed
15. [107373] Yellow Icon in the System Health No event Log.
16. [108440][IPMI ECO 03.09.04] IPMI automation test failed.
17. [105768][SIOM] AOC-M25G-i2SM LED Link issue
18. [104583][SMCIPMITools V2.23.x] got fail result via smstc (TC 131 ipmi oem x10cfg ddns..) on the H11DSU-iN
19. [103696][smcipmitools V2.23.x] get fail output w/ command "ipmi lan protocol 1"
20. [104209][Flash BIOS fail] Fail to flash BIOS via IPMIweb w/ SMT\_H11AST2500\_32M\_152\_01 but passed on SMT\_H11AST2500\_32M\_152\_0
21. [103796][ECO]Power on system onboard buzzer still beep when after trigger thermal trip event
22. Modify the Redfish PATCH method at "/Systems/1/Bios" and "/Systems/1/Bios/SD" to allow updating of BIOS attributes.
23. Update for NCSI 100G patch
24. [103696][smcipmitools V2.23.x] get fail output w/ command "ipmi lan protocol 1", [103694][smcipmitools V2.23.x] get fail output w/ command "ipmi lan protocol 1"
25. [103796][ECO]Power on system onboard buzzer still beep when after trigger thermal trip event

**Release Notes from Previous Release(s)**

**1.52.00 (2019/11/18)**

1. [Unique password] Improved ADMIN password is incorrect after reloading IPMI configuration
2. BMC FW solution to program and store unique pre-programmed password
3. Display advanced power readings through DCMI (Data Center Management Interface) for AMD platforms
4. Supported IPMI FW version have third number (build version).
5. 299-00-181031-002 BMC Account Security.
6. 299-00-190220-001 Requested standard BMC FW modification features: #1, Modification for event severity.
7. 299-00-190118-001 Requested standard BMC FW modification features: #8, Send all event log (Health & Maintenance) to Syslog server.
8. 299-00-190220-001 Requested standard BMC FW modification features: #3, Add UefiPxe in Redfish System boot order. Defines the boot option from the ComputerSystem\_v1 in Redfish metadata.
9. Fixed [103088][IPMI ECO 1.50.0] System will not have any screen after flashing BIOS
10. Fixed [100467][SPM][ROME] Issues on SPM REST API
11. Fixes [103149] There is no relevant log when CPU Temperature has increased and meet the 95 degrees threshold [Critical Upper Limit (Red Color)]
12. Fixed CPU throttled would occur when running Linpack with ROME CPU.
13. Fixed SOL window cannot launch.
14. Fixed [98267] SEL show error message after AOC-S3108 update firmware; [98232] [IPMI ECO] Health Event Log Shows Error Message after SAS 3108 FW Update via IPMI Web GUI; [98082] SEL show error message after AOC-S3108 update firmware; [98081] SEL show error message after AOC-S3108 update firmware; [97624] X11 BMC: During AOC firmware update, BMC reported error.
15. Fixed [100726] There's FAN9 sensor reading item in IPMI sensor readings page.
16. Fixed Supermicro BMC Virtual Media Multiple Vulnerabilities.
17. Fixed [100129][IPMI ECO 1.46] Compare new\_bmcconfig\_006\_029.xml with bmcconfig\_after\_update\_006\_029.xml -- FAIL