

BMC Firmware Release Notes Form

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Product Name	X13DEM
Release Version	1.03.32
Build Date	10/25/2024
Previous Version	1.02.29
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. [ENGINEERING] — Enhancement PSU overcurrent protection detection.
New features	None
Fixes	<ol style="list-style-type: none">1. [DVT] WebGUI updated CPLD test Fail. Redfish Automation test 1 TC failed.2. Operator Permission on Virtual Media mount causes session time out.3. BMC UI — Disk erase process failed to abort while the disk was executing the erase operation.4. Redfish automation test failed 12 TCs.5. [Security] Case113119 for Floppy Disk is FAIL on 9201MS.6. [Security] Uploaded Floppy Disk successfully without CSRF_Token at H12SSFFAN6 2023_02_28.7. [Security] Unrestricted Input found in filename parameter of floppy disk feature at H12SSFF-AN6 20230317.

8. Added static IPv6 address by IPMI RAW 30 68 09, checked in Dashboard and somehow got unexpected IPv6 Address.
9. IPMITool — RAW get/set/reset watchdog timer with invalid data length.
10. [ENGINEERING] — M2_SSDx Temp reading is missing.
11. [ENGINEERING] — Updated SEL Spec 1.39.
12. [ENGINEERING] — Updated MEL Spec 1.08.
13. MEL for SNMP error.
14. [ACL][2U MGX] AOC-LPE32002-M2 missing sensor and AOC info in BMC WebGUI.
ACL: No Temperature Sensor for AOC-LPE32002-M2.
15. [Security] — Case320078+ for Update is FAIL on 6202MS.
16. IPMITool — Get channel payload support for valid/invalid channel fail.
17. IPMITool — Set/Get user access payload for invalid channel fails and user fail.
18. IPMITool — RAW write FRU data fail.
19. IPMITool — Set Management Controller Identifier String Raw Command discrepancy.
20. "Null" information is incorrect on BMC WebGUI. New FW removed all unsupported VPD items from the web page.
21. [GUI] Error tips with IPv4 Address keep showing even input value is be changed to valid by switching back to Auto Obtain IP.
22. Web_Func_Web session doesn't timeout after set value.
23. Web Session doesn't time out when reaching the set value.
24. [SSM_5.9.0_build.1245] Edited DMI test fail on the B14SBE-CPU-25G.
25. After updating BIOS to Ver. 2.3 08/17/2024 and system power reset, got BootProgress returned to "OEM."
26. [Security] — Case320076+ for Active Directory was FAIL on 6202MS.

27. WEB — There are no "System Diagnostics" help instructions in the help page.

28. [GUI] Help page should list Cooling instead of Fans and needs to add instruction of Air Cooling and Liquid Cooling.

29. IPMITool — RAW activated payload response discrepancy.

30. IPMITool — RAW Set LAN Configuration Parameters -> IP Address Source fail for LBMC.

31. IPMITool — RAW got FRU inventory area info with invalid data length.

32. IPMITool — Set invalid username and invalid password via IPMI.

33. IPMITool — Set IPMI user with null password.

34. IPMITool — Created user with invalid ID response message.

35. IPMITool — Got channel payload version for valid/invalid channel fail.

36. NAOC information is incorrect on BMC WebGUI.
 [ENGINEERING] — New FW removed all unsupported VPD items from web page.

37. Updated BIOS (Capsule) test fail. SUT was rebooted task status hang pending status on B14SBE-CPU-25G.

38. Updated BIOS (Capsule) test fail. SUT was rebooted task status hang pending status on X14DBG-GD.

39. Checked Seamless Upgrade BIOS (Current BIOS) fail due to MCU 2.3 cannot be updated.

40. Capsule MCU Update via Redfish fail due to BMC status stay 'running' over 10 mins but progress still 0%.

41. IPMITool — RAW get channel authentication capabilities with invalid data length

42. IPMITool — Got device ID with invalid data length.

43. IPMITool — Cold Reset with Invalid Data Request.

44. IPMITool — Got chassis capabilities with invalid data length

45. Temperature Sensor displayed as Drive Slot.

	<p>46. Web — Hostname field behavior does not follow SW-PM definition when over 63 characters are inputted.</p> <p>47. [ENGINEERING] X14 — Moved Host Crash Dump to <code>OemDumpService.Collect</code>.</p> <p>48. Generate Crash Dump generates corrupted file.</p> <p>49. The SOL feature was retired in 2023 H2 at H12.</p> <p>50. Keeping loading on the Task List page, BMC Reset page, BMC Setting page, and Account Services page with Safari browser.</p> <p>51. Error tips with IPv4 Address keep showing even input value is being changed to valid by switching back to Auto Obtain IP.</p> <p>52. The network setting redfish API got 500 error with unrestricted input at X12.</p> <p>53. DNS setting accepted unrestricted input and return 500 error at B12DPT-6.</p> <p>54. Hostname field behavior does not follow SW-PM definition when input over 63 characters.</p> <p>55. TSIG Authentication can be enabled without key and private file.</p> <p>56. [ENGINEERING] — Changed sensor name from AOC_SSDx Status to AOC_SSDx State.</p> <p>57. [ENGINEERING] — Supported Multi-Target Update in MutiPart.</p> <p>58. Added static IPv6 address by RAW command (0x30 0x68 0x09), when more than six addresses, expected to get different return from BMC/SMCIPMITOOL.</p> <p>59. Stateful IPv6 Mode in Auto Configuration does not match specification.</p> <p>60. H100NVL and H200NVL GPU high CT and high NR definition are incorrect.</p> <p>61. Updated invalid BIOS file on BMC web, error return is not user readable.</p> <p>62. [ENGINEERING] — Added BMCEvidence and BIOSEvidence dump of <code>OemDumpService.Collect</code>.</p>
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	<p>63. [ENGINEERING] — Fixed SmartNIC update button duplicate issue and word display.</p> <p>64. [RoT] MEL timestamp is incorrect when executed Update and Recover function under Platform Resiliency Actions page.</p> <p>65. The "Disable KCS" option on the web GUI is missing a space.</p> <p>66. Operator privilege unable to modify AC Power On Event Log button and FIFO Event Log button in HELP page.</p> <p>67. Error occurred when switching on/off "Enable AC Power On Event Log" and "Enable FIFO Event Log."</p> <p>68. Advanced Settings status cannot be changed Operator privilege Health Event Log successfully.</p> <p>69. Advanced Settings status cannot be changed successfully.</p> <p>70. [ENGINEERING] — Redfish should allow external account service password length more than 20.</p> <p>71. [ENGINEERING] — Enabled FW update function for AOC-SLG4-2H8M2.</p> <p>72. [ENGINEERING] — Added MEL for Broadcom SAS FW update.</p> <p>73. Host Interface cannot be restored after reloading IPMI configuration. Host Interface page cannot be restored after reloading IPMI configuration.</p> <p>74. [ENGINEERING] — Adjusted SmartNIC URL index.</p> <p>75. [ENGINEERING] — Prompt text update – IKVM over maximum sessions.</p> <p>76. Updated BIND package to version 9.10.2-P2.</p> <p>77. [ENGINEERING] — Added SmartNIC related schema.</p> <p>78. [AOC][X13SEDW-F/1.01A][SSG-521E-E1CR24H][Redfish] Cannot upgrade NIC AOC-S25G-B2s(Rev1.02) FW via Redfish API.</p> <p>79. [AOC][X13SEDW-F] System cannot be updated Firmware of NIC card by IPMI with AOC-S25G-B2S.</p>
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	<p>80. [AOC][X13SEDW-F] Health Status gray out and no Link Status icon on IPMI WEB UI with AOC-S25G-B2S.</p> <p>81. [ENGINEERING] OSS Requirements.</p> <p>82. MEL "[MEL-0097] IPv6 AutoConfiguration was disabled successfully." always followed after changing LAN interface.</p> <p>83. Web UI — Input Invalid Sender's Address shows different error tips in SW vs. HW1.</p> <p>84. [ENGINEERING] — HTML5 and IKVM unstable in BMC 01.03.24 - 01.03.25.</p> <p>85. [DVT] ROT 2.0 After BIOS recovering action was triggered unable to generate the Evidence from WebGUI.</p> <p>86. [RoT] There is no Generate Evidence function when triggered BIOS and BMC recovered manually.</p> <p>87. [Auto][CombinedECO] Host Interface is OFF by default.</p> <p>88. Web Function — Only one Access Mode of SNMPv2 was set, yet an unrelated MEL log was still generated when deleting.</p> <p>89. Issue #182692 and #184540.</p> <p>90. BMC does not obtain an IPv6 Gateway IP when the IPv6 configuration is set to DHCPv6 Stateful on WEB.</p> <p>91. [ENGINEERING] — Replaced Model of redfish/v1/Managers/1.</p> <p>92. AOC-S3816L-L16IR does not support RAID5/6 but BMC GUI displayed those options.</p> <p>93. [ENGINEERING] — Added LDAP RFC2307bis support.</p> <p>94. [ENGINEERING] — Supported Broadcom channel AOC VPD format.</p> <p>95. [ECO] AOC-LPE32002-M2 can't detect.</p> <p>96. Shows HTML tag when uploading configuration file.</p> <p>97. GUI — The prompt string in the upload BMC configuration has an extra space character.</p>
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	<p>98. Reloaded IPMI Configuration shows markdown in message "Uploading new configuration...please wait until process is completed! BMC must be reset to apply any changes."</p> <p>99. [IPMI ECO 01.03.23] Updated MCU will hang when "Upgrade Progress:100%."</p> <p>100. Some SSD only systems show HDD Temp.</p> <p>101. Redfish and SMTP test event is inconsistent between HW1 and SW.</p> <p>102. [ENGINEERING] — Supported Redfish standard API /redfish/v1/LicenseService.</p> <p>103. [ENGINEERING] — Supported NVIDIA GPU RTX 2000 ADA.</p>
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