

IPMI Release Notes Form

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Product Name	X12DPT-B6
Release Version	01.00.03
Build Date	4/30/2021
Previous Version	0.11.30
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Allowed BIOS update after new CPLD firmware upgrade.2. Removed \$(TAG_CS from health page after enabling lockdown.3. Set smart power default to enabled.4. Allowed GET Rollback ID without DCMS license.5. Confirmed VT505 OCP protection is set 250ms.6. Set BMC to pick up the correct IP based on the network interface and LAN mode being used.7. Removed requirement of DCMS license to update Golden.8. Displayed the NVMe drive Temperature and PDLU.9. Set Memory Health status to red when warning event occurs.10. Set success message to be clickable after 1 second.11. Set HTML5 session display on Safari to succeed.12. Updated new ADC driver.13. Updated PMEM firmware.

	<p>14. Enabled license checking for SSL, SSL upload, firmware resiliency, and firmware resiliency action info.</p> <p>15. Changed PSU Event Behavior to adhere to BMC_PSU_LAN_Plug_In_Out_Behavior_v1.3.docx.</p> <p>16. Converted NVMe drive capacity units to GB.</p> <p>17. Updated BIOS info in BMC before host is up.</p> <p>18. Added time discrepancy for HDD blinking on WebUI.</p> <p>19. Enabled upper critical and non-recoverable SEL on CPU overheat.</p> <p>20. Set recovery from Backup Image to occur first, if valid, and from Golden image to occur second, if valid.</p> <p>21. Allowed 20 seconds before rebooting BMC for SUM to process some items before updating BIOS Golden image.</p> <p>22. Removed PreserveME for BIOS update in ROT.</p> <p>23. Set BIOS dates to display consistently throughout the different Firmware areas.</p> <p>24. Set Erase BMC/BIOS Backup to show UID LED Blinking, trigger MEL, and display backup version as "Not Present".</p> <p>25. Set Update BMC/BIOS Backup through Raw Command to show UID LED Blinking and trigger MEL.</p> <p>26. Set IPMI command of erasing BMC/BIOS staging to be provided.</p> <p>27. Aligned behavior of 'CPLD FW update' with SW team.</p> <p>28. Updated PMEM threshold.</p> <p>29. Set IPMI command of erasing BMC/BIOS backup/Golden to be provided.</p> <p>30. Set Network configuration on web to follow spec.</p> <p>31. Allowed more than 4 characters for username length.</p> <p>32. Removed interactivity of Update Rollback ID checkbox when Rollback ID Setting is automatic.</p> <p>33. Disabled Rollback ID setting change during Step 3.</p> <p>34. Set powering off to update BIOS.</p>
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	<p>35. Set first step to “Choose component and options” and second step to “Upload Firmware File.”</p> <p>36. Removed Preserve NVRAM.</p> <p>37. Disabled BRCM3908/3916 firmware update function temporarily.</p>
New features	<p>1. Added Get_Marvell_Information_even_license_is not_activated.</p> <p>2. Added Rollback ID setting display for CPLD system.</p> <p>3. Added support for SFT-SDDC-SINGLE license activation.</p> <p>4. Added the method using the NVMe Admin command ‘Identify’ to read the NVMe drive capacity.</p> <p>5. Added Host Interface confirm message.</p> <p>6. Added support for Broadcom SAS3908 RAID functions.</p> <p>7. Added NAND area erase.</p> <p>8. Added support for Marvell NR2241.</p> <p>9. Added display of a "failed" message in MEL when BMC/BIOS firmware update fails.</p> <p>10. Added 30 68 e0 get/set post status and 30 68 f9 get service status cmd.</p>
Fixes	<p>1. Fixed problem of Logical view showing "no data available".</p> <p>2. Fixed failure of IPMI Web - Configuration - Network - IPv6 setting.</p> <p>3. Fixed absence of the Storage and System Slot in System Information/View Details.</p> <p>4. Fixed loss of MEL after Filter and Severity are modified/changed.</p> <p>5. Fixed mismatch of IPMI Web CPU info tab and X12 IPMI UI Spec.</p> <p>6. Fixed display of DNS_server2 default on web.</p> <p>7. Enabled MAC and FRU to recover after BMC automatically recovers from Golden image.</p> <p>8. Fixed problem of HTML5 iKVM hotkey setting interface showing as blank.</p> <p>9. Fixed warning event for memory page.</p> <p>10. Fixed failure of Generate Evidence function on the Platform Resiliency Actions page.</p>

	<p>11. Fixed failure to observe Product Key information via command <code>sdcc.sh -pk</code> when observed via <code>smcipcmitool</code> with <code>nodekey list</code> command.</p> <p>12. Fixed problem of Redfish SEL Health Server Status showing "Failed to get SEL..."</p> <p>13. Enabled support only for BIOS/BMC Recover and BIOS Golden/BMC Golden Update.</p> <p>14. Fixed failure of FD to clear RADIUS server if RADIUS is disabled.</p> <p>15. Fixed inability to enable NTP using <code>SMCIPMITool</code>.</p> <p>16. Fixed failure of SATC Storage Test case.</p> <p>17. Fixed failure to define the 0xDC events on the X12DPT-PT46.</p> <p>18. Fixed failure of Redfish Automation Tool check.</p> <p>19. Fixed missing information on UI tables.</p> <p>20. Fixed failure of DNS server to save.</p> <p>21. Fixed problem of session timing out after updating BIOS.</p> <p>22. Fixed missing support for non-80 port of Mount Virtual Media function over HTTP and failure of MEL to send with event service.</p> <p>23. Fixed BMC issue when running SUM with <code>-scan ROM</code> option.</p> <p>24. Enabled Web date/time to turn NTP on and fix/sync SSDP page.</p> <p>25. Fixed display error on IPMI Web - System - Component Info - Fan info when removing Fan while power is on.</p> <p>26. Fixed problem of BMC reset to Factory Default getting Dedicated LAN Link Down / Link up event.</p> <p>27. Fixed missing AOC-S100G-m2C temperature reading.</p> <p>28. Fixed missing SUM inside donut of NVMe and Broadcom and problem of storage cards appearing out of frame.</p> <p>29. Fixed failure of automated test and license permission.</p> <p>30. Fixed problems of Broadcom SAS3808 showing two controllers and Storage logical WebUI using "RAID" instead of "Raid".</p> <p>31. Fixed failure of SMART error reported by disk to be reported in <code>storcli</code>, the SEL, or Storage Management Menu.</p>
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	<p>32. Fixed mismatch of BMC Events for PSU Behavior and X12 document "BMC_PSU_LAN_Plug_In_Out_Behavior_v1.3".</p> <p>33. Fixed failure of CPU and memory page in BMC component info page check after offline flash of BMC, BIOS, or CPLD and then powering on the first time.</p> <p>34. Fixed failure of Notifications alerts setting to reload with IPMI configuration file.</p> <p>35. Fixed mismatch of BIOS info, failure of categories to sort, and missing CPLD Backplane0 with Redfish firmwareInventory info command.</p> <p>36. Fixed failure of IPMI Web to display storage function page when system has RAID controller.</p> <p>37. Fixed failure of IPMI Web - Sensor page to display any M.2 card sensor.</p> <p>38. Fixed problem of Broadcom SAS3908 sensor missing error occurring.</p> <p>39. Fixed failure of memory recognition, problems of Total Physical Memory showing as 0.00 GB, 0 DIMM showing in Detail/System Summary, and Total Physical Memory (Bytes) showing as 0, and missing Memory category in System Information/View Details on the X12DPT-PT46 Redfish host.</p> <p>40. Fixed failure of 122975 SMTP configuration to change after executing TC#315.</p> <p>41. Rolled back ID updating and checking implemented for Web and Redfish.</p> <p>42. Fixed failure of IPMI Web - GPU page to display GPU card.</p> <p>43. Fixed failure of IPMI Web - Network AOC to display AOC LAN card.</p> <p>44. Fixed missing colored severity of MNTC event log.</p> <p>45. Fixed issues with AOC-SMG3-2M2-B Storage Monitoring display on IPMI with SYS-220BT-HNC8R.</p>
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	<p>46. Fixed problem of both CPU number values displaying as 1 when getting SNMP.</p> <p>47. Fixed malfunction of enable/disable button for maintenance event log on web page after rebooting BMC.</p> <p>48. Fixed failure of IERR injection to trigger CrashDump.</p> <p>49. Fixed missing VBAT sensor on sensor page.</p> <p>50. Fixed problems of IPMI sensor reading failing, many items showing N/A or error, and sometimes all items showing N/A.</p> <p>51. Fixed inability to find the TEE OS version in the IPMI maintenance event log.</p> <p>52. Fixed problem of NVMe driver Temp reading showing as N/A when using ipmicfg or SUM to list NVMe drives.</p> <p>53. Fixed missing Backplane CPLD update button in IPMI WebGUI.</p> <p>54. Fixed inability to apply TC103 radius IP.</p> <p>55. Fixed problem of operator privilege missing network access.</p> <p>56. Fixed incomplete display of User IP address (IPv6).</p> <p>57. Fixed issues WITH Network page/help page/VM page.</p> <p>58. Fixed display of "Connected Logical Driver" on Physical View page.</p> <p>59. Fixed failure of Dashboard storage button to change to red info with critical array event.</p> <p>60. Fixed inability to detect CX6 Mellanox AOC NIC temperature.</p> <p>61. Fixed ability of Redfish to disable SSL redirection and HTTPS.</p> <p>62. Updated Help information and fixed arrangement of dashboard info.</p> <p>63. Fixed problem of Network page IP display error occurring.</p> <p>64. Fixed failure to get volume information via Redfish volume API.</p> <p>65. Fixed problem with X12DPT-PT6 temperature sensor reading, of CPU, DIMM, Inlet temp, and 1.88V sensor reading error occurring, and of Power Consumption table error occurring.</p> <p>66. Fixed Smart Power functions.</p>
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	<p>67. Fixed failure of IPMI Web - Configuration - Network - IPv6 setting and ability of IPMI Web - Virtual Media - Virtual CD-ROM to import invalid symbol for input option.</p> <p>68. Fixed instability of MCTP and sensor from Broadcom SAS3908.</p> <p>69. Fixed mismatch of controller name display in storage monitoring UI.</p> <p>70. Fixed BMC LAN Redfish patch format for X12.</p> <p>71. Fixed problem of SMCIPMITool pminfo showing unexpected power supplies.</p> <p>72. Fixed 1.8V BMC sensor reading.</p> <p>73. Fixed inability to modify password and then mount file.</p> <p>74. Fixed mismatch of '30 6a SUM' and 'ipmitool' on DCMS/OOB license on X11DGQ-P.</p> <p>75. Fixed problem of DumpService behavior not performing as expected.</p> <p>76. Fixed inability of SUM to update motherboard CPLD through OOB.</p> <p>77. Fixed errors and mismatches with HPE of IPv6 settings.</p> <p>78. Fixed inability to build HDD RAID function in BMC Web GUI.</p> <p>79. Fixed problem of provision tool getting incorrect Golden BMC revision.</p> <p>80. Fixed missing EC update log when EC upgrades.</p> <p>81. Fixed failure of BRCM3908/3916 HDD blink function and problem of Web keeping busy when going to Storage/Physical View with BRCM3108 card installed.</p> <p>82. Fixed failure of UEFI SUM 1.1.0 to update CPLD, throwing out code 149.</p> <p>83. Fixed power down to update BIOS and added HDD to sensor list.</p> <p>84. Fixed problem of false alert for HDD Temp occurring.</p> <p>85. Fixed problem with OEM command for Event of Call Home.</p> <p>86. Fixed problem of Virtual keyboard iKVM Java being cut short.</p>
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	<p>87. Fixed problem of kernel panic occurring when remotely installing ESXi OS by httpfs mount.</p> <p>88. Fixed failure of host to power up after BIOS is updated by tool.</p> <p>89. Fixed problem of the BIOS update percentage staying at 0 if preserving BIOS NVRAM.</p> <p>90. Fixed abnormality of behavior after returning to Alerts page from SNMP page.</p> <p>91. Fixed mismatches of "DateTime" zone format and MEL severity format.</p> <p>92. Fixed problem of Web service hanging when logging into WebUI with Chrome browser while SEL is full.</p> <p>93. Fixed problem of firmware verification staying on Step 2 if it fails or system powers off on Firmware Management page.</p> <p>94. Fixed failure of SATC redfish automation test.</p> <p>95. Fixed problem of HDD Temp Upper Non-recoverable going high in IPMI log during DC on/off test.</p> <p>96. Fixed failure of I2C Bus #10 in BMC Diagnostics\I2C Bus Diagnosticson.</p> <p>97. Fixed mismatch of "AOC_M2SSD1 Temp" sensor and sensor spec.</p> <p>98. Fixed failure of LAN Connection Failover.</p> <p>99. Fixed problem of error message appearing when creating Username with < or > character.</p> <p>100. Fixed problem of AOC-S100G-b2C sensor reading showing as NA in the IPMI GUI.</p> <p>101. Fixed issue with MEL severity color and PSU css.</p>
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