

IPMI Release Notes Form

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Product Name	X12DPG-OA6
Release Version	01.01.02
Build Date	6/14/2021
Previous Version	N/A
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 lock to release after BIOS update completes.4. Allowed GET Rollback ID without DCMS license.5. Set BMC to pick up the correct IP based on the network interface and LAN mode being used.6. Removed requirement of DCMS license to update Golden.7. Displayed the NVMe drive Temperature and PDLU.8. Set Memory Health status to red when warning event occurs.9. Set success message to be clickable after 1 second.10. Implemented Rollback ID updating and checking for Web and Redfish.11. Set HTML5 session display on Safari to succeed.12. Updated new ADC driver.

	<p>13. Updated PMEM firmware.</p> <p>14. Updated BIOS info in BMC before host is up.</p> <p>15. Added time discrepancy for HDD blinking on WebUI.</p> <p>16. Enabled upper critical and non-recoverable SEL on CPU overheat.</p> <p>17. Removed interactivity of Update Rollback ID checkbox when Rollback ID Setting is automatic.</p> <p>18. Disabled Rollback ID setting change during Step 3.</p> <p>19. Set powering off to update BIOS.</p> <p>20. Set first step to "Choose component and options" and second step to "Upload Firmware File."</p> <p>21. Removed Preserve NVRAM.</p> <p>22. Updated BMC/BIOS golden image when updating the OEMFID into RBID.</p> <p>23. Set BMC to reboot only when BIOS rollback ID needs to be written into CPLD.</p> <p>24. Added a notification when user selects "Allow Rollback ID To Be Updated".</p> <p>25. Added some delay for SUM to poll BIOS for update progress.</p> <p>26. Updated crash dump 1.0.6.</p> <p>27. Set yellow RBID notification to show on BMC or BIOS selected components.</p> <p>28. Disabled GPIO2 internal pull down to prevent PEWEAK voltage level from being dropped.</p> <p>29. Set update of BIOS through SUM with BMC reboot to preserve BIOS settings.</p> <p>30. Set completion message to appear for 15 seconds.</p> <p>31. Unified fan threshold as 280.000 420.000 560.000 35420.000 35560.000 35700.000.</p> <p>32. Updated BIOS version early in recovery flow.</p> <p>33. Added longer delay and set system to forcefully shut down if graceful shutdown fails.</p>
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New features	<ol style="list-style-type: none"> 1. Added support for SFT-SDDC-SINGLE license activation. 2. Added support for AOC-S100G-b2C, AOC-S100GC-i2C, and AOC-S25GC-i2S temperature reading through PLDM over MCTP over SMBUS. 3. Added the method using the NVMe Admin command 'Identify' to read the NVMe drive capacity. 4. Added Host Interface confirm message. 5. Added support for Broadcom SAS3908 RAID functions. 6. Added NAND area erase. 7. Added Rollback ID setting display for CPLD system. 8. Added support for 21-slot expander board. 9. Added CPLD checking prior to performing rollback ID actions. 10. Added 30 68 e0 get/set post status and 30 68 f9 get service status cmd. 11. Added support for the combination of 'erase' and 'update' commands. 12. Added SensorNumber property in /Chassis/1/Thermal. 13. Added support for AOC-S25GC-i4S. 14. Added support for AST2600A3. 15. Added support for Mellanox AOC-653436A-HDAB 200GbE.
Fixes	<ol style="list-style-type: none"> 1. Fixed failure of IPMI Web - Configuration - Network - IPv6 setting. 2. Fixed absence of the Storage and System Slot in System Information/View Details. 3. Fixed loss of MEL after Filter and Severity are modified/changed. 4. Fixed mismatch of IPMI Web CPU info tab and X12 IPMI UI Spec. 5. Fixed problem of each PSU showing the same readings in PSU tab. 6. Fixed display of DNS_server2 default on web. 7. Enabled MAC and FRU to recover after BMC automatically recovers from Golden image. 8. Fixed problem of HTML5 iKVM hotkey setting interface showing as blank.

	<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 SMSTC ATT test case 137.</p> <p>17. Fixed failure of event type 0xDC to adhere to X12_IPMIManagement_Standarization_SPEC_SEL_ver. 1.32.xlsx.</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 problem of BMC reset to Factory Default getting Dedicated LAN Link Down / Link up event.</p> <p>26. Fixed missing AOC-S100G-m2C temperature reading.</p> <p>27. Fixed failure of automated test and license permission.</p> <p>28. Fixed abnormality of dedicated LAN LED.</p> <p>29. Fixed abnormality of WebUI fan page display.</p> <p>30. Fixed mismatch of BMC Events for PSU Behavior and X12 document "BMC_PSU_LAN_Plug_In_Out_Behavior_v1.3".</p>
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	<p>31. Fixed issue with IPMI multi-drop feature.</p> <p>32. Fixed failure of Notifications alerts setting to reload with IPMI configuration file.</p> <p>33. 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>34. Fixed failure of 122975 SMTP configuration to change after executing TC#315.</p> <p>35. Fixed missing colored severity of MNTC event log.</p> <p>36. Fixed 5 failures of IPMIECO Automation test.</p> <p>37. Fixed problem of both CPU number values displaying as 1 when getting SNMP.</p> <p>38. Fixed malfunction of enable/disable button for maintenance event log on web page after rebooting BMC.</p> <p>39. Fixed failure of IERR injection to trigger CrashDump.</p> <p>40. Fixed missing VBAT sensor on sensor page.</p> <p>41. Fixed problem of value error occurring in IPMI Web - System - Component Info - CPU Speed.</p> <p>42. Fixed inability to find the TEE OS version in the IPMI maintenance event log.</p> <p>43. Fixed inability to add the SNMP alerts by SMCIPMITool.</p> <p>44. Enabled license checking for SSL, SSL upload, firmware resiliency, and firmware resiliency action info.</p> <p>45. Changed PSU Event Behavior to adhere to BMC_PSU_LAN_Plug_In_Out_Behavior_v1.3.docx.</p> <p>46. Fixed problem of NVMe driver Temp reading showing as N/A when using ipmicfg or SUM to list NVMe drives.</p> <p>47. Fixed missing Backplane CPLD update button in IPMI WebGUI.</p> <p>48. Fixed inability to apply TC103 radius IP.</p>
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	<p>49. Fixed problem of operator privilege missing network access.</p> <p>50. Fixed incomplete display of User IP address (IPv6).</p> <p>51. Fixed issues with Network page/help page/VM page.</p> <p>52. Fixed display of "Connected Logical Driver" on Physical View page.</p> <p>53. Fixed failure of Dashboard storage button to change to red info with critical array event.</p> <p>54. Converted NVMe drive capacity units to GB.</p> <p>55. Fixed inability to detect CX6 Mellanox AOC NIC temperature.</p> <p>56. Fixed ability of Redfish to disable SSL redirection and HTTPS.</p> <p>57. Fixed failure of SUM automation test.</p> <p>58. Fixed failure of test case 401.</p> <p>59. Updated Help information and fixed arrangement of dashboard info.</p> <p>60. Fixed problem of Network page IP display error occurring.</p> <p>61. Fixed problem with OEM command for Event of Call Home.</p> <p>62. Fixed problem of Virtual keyboard iKVM Java being cut short.</p> <p>63. Fixed problem of kernel panic occurring when remotely installing ESXi OS by httpfs mount.</p> <p>64. Fixed failure to save and mount floppy image file.</p> <p>65. Fixed failure of host to power up after BIOS update by tool.</p> <p>66. Fixed problem of the BIOS update percentage staying at 0 if preserving BIOS NVRAM.</p> <p>67. Fixed abnormality of behavior after returning to Alerts page from SNMP page.</p> <p>68. Fixed mismatches of "DateTime" zone format and MEL severity format.</p> <p>69. Fixed problem of Web service hanging when logging into WebUI with Chrome browser while SEL is full.</p> <p>70. Fixed problem of firmware verification staying on Step 2 if it fails or system powers off on Firmware Management page.</p>
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	<p>71. Fixed problem of errors occurring with language dictionary and text field.</p> <p>72. Fixed failure of SATC Redfish automation test.</p> <p>73. Fixed bug of the BIOS rollback ID from staging remaining after user cancels BIOS update.</p> <p>74. Fixed problem of AIOM/PLX1/PLX2 reading showing as N/A.</p> <p>75. Fixed 23 failures of Redfish Automation API test.</p> <p>76. Fixed issue with MEL severity color and PSU css.</p> <p>77. Fixed incorrect value chassis information that appears after modifying CT value, failure to remove invalid file under SSL Certification page, inability of user to set password with 20 characters, and failure to save valid SSDP port value.</p> <p>79. Fixed ability to set username with disallowed special character.</p> <p>79. Fixed failure of LAN Connection Failover.</p> <p>80. Fixed problem of error message appearing when creating Username with < or > character.</p> <p>81. Fixed failure of IPMIECO WebUI test cases #267, #401, #402, #408, and #409.</p> <p>82. Fixed problem of AOC-S100G-b2C sensor reading showing as NA in the IPMI GUI.</p> <p>83. Fixed problem of IPMI showing manufacturer's name as UNKNOWN.</p> <p>84. Fixed problem of task status showing as EXCEPTION after BIOS update finishes.</p> <p>85. Corrected WebUI behavior after enabling system lockdown.</p> <p>86. Replaced BMC power into DCMI power reading for template workaround.</p> <p>87. Fixed problem of "Clean user password failed" showing when the operator deletes the user through SMCIPMITool.</p> <p>88. Removed extra characters in warning error message for user.</p>
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	<p>89. Corrected event log created by IPMI after heating memory until OS shutdown.</p> <p>90. Fixed mismatch of SSDP port number range from note box and alert message.</p> <p>91. Fixed problem of add-on card temperature name containing unknown character in SMCIPMITool.</p> <p>92. Fixed error message for ability of user to set username with "@".</p> <p>93. Fixed error with power consumption SC mode and mismatch of account info display format on two platforms.</p> <p>94. Fixed problem of AOC-MCX566A-CDA AIOM sensor dropping during cburn on/off.</p> <p>95. Fixed the PCIe Gen version in PCIeDevices instance API.</p> <p>96. Fixed missing Network add-on card sensor and info and add-on card NIC sensor reading.</p> <p>97. Fixed test cases 407 and 408.</p> <p>98. Fixed 10 failures of SATC test.</p> <p>99. Fixed abnormality of behavior on sensor page and problem of non-functioning scrollbar appearing on many pages of WebUI.</p> <p>100. Corrected SSDP port number 1-65535 and disabled VM port on the first use.</p> <p>101. Fixed storage Redfish API count.</p> <p>102. Fixed problem of the NIC being assigned to shared NIC when both dedicated and shared NICs are connected.</p> <p>103. Corrected power status displayed after BIOS update.</p> <p>104. Fixed typo in Redfish driver property.</p> <p>105. Fixed problem of prompt appearing when trying to change Rollback ID setting on any license other than DCMS.</p> <p>106. Fixed failure of memory serial number to show completely, problem of "Export to excel" string display appearing out of frame on HEL/MEL page (Japanese), failure to show error message when typing</p>
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	<p>in IPv4 format address on IPv6 DNS server, issues with language dictionary spelling, and different format under PSU page.</p> <p>107. Fixed mismatch of Redfish property.</p> <p>108. Fixed failure of test case 267 for SUM commands "MountIsoImage" and "UnmountIsoImage" with IPv6.</p> <p>109. Fixed mismatch of time format.</p> <p>110. Fixed ability of user to launch only one HTML5 window after FD.</p> <p>111. Fixed inability to mark the latest event as acknowledged.</p> <p>112. Fixed ability of Virtual CD-ROM to import invalid symbol for input option.</p> <p>113. Corrected relative link on UpdateService/FirmwareInventory/Broadcom1.</p> <p>114. Fixed inability of the system COM1 to send any data out.</p> <p>115. Fixed IPMI config and LIC activation, problem of Tips and hit message overlapping on "Add new user" window, problem of "Auth key" and "Private key" hit messages overlapping and showing as incomplete on SNMPv3 page, problem of "Port" and "Time to live" hit messages overlapping on SSDP page, problem of "Select Files..." hit message overlapping with button on IPMI Configuration page, and problem of "Port" and "Time to live" tips and hit message overlapping on SSDP page.</p> <p>116. Fixed Redfish license check.</p> <p>117. Fixed issue with account services.</p> <p>118. Fixed mismatch of chassis information on the IPMI WebGUI and FRU CT value.</p> <p>119. Fixed missing sensor reading.</p> <p>120. Synchronized Alert IP between OEM command and Redfish/Web.</p> <p>121. Fixed inability to disable IPMI Web SNMPv3.</p>
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