

BMC Firmware Release Notes Form

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Product Name	X12DPG-QR
Release Version	1.02.51
Build Date	11/29/2022
Previous Version	1.02.23
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. New support Intel GPU ATS M1 and ATS M32. Improvement Item PSU Fan 2 = 0 RPM on IPMI WEB3. Support GPU NVIDIA RTX A2000-12G, RTX A4500 and RTX A5500
New features	<ol style="list-style-type: none">1. Support AOC-STGC-i22. Support iKVM New UI3. Add NIC link up/down event4. New error message now displays in Dynamic DNS, Floppy Disk, and IPMI Configuration5. Support Intel VROC feature6. Support IPMI Lan disable7. Special Characters Allowed in SNMPv2 Community String8. Added Alert Notification for SNMP9. WebUI will show "Invalid Username or Password" with new created user which contains special characters in username10. Support AIOM AOC-ATG-B2TM11. Convert prefix to string type before checking duplicate rule

Fixes	<ol style="list-style-type: none"> 1. Fix - Login screen should be support "eye-icon" button to view password. 2. Fix - IPMI Web - Network page "DHCPv6" check fail 3. Fix - Added warning message for RAID HDD type mixing 4. Fix - automation test failed, test case 408: BMCWebUI 5. Fix - SMTP User Name now supports @ and . 6. Fix - remove license key check in system troubleshooting webui page 7. Fix - The LED blink/unblink action take too long time 8. Fix - Error Message Display Behaviors and MELs were added 9. Disable LED blink action on physical and logical view pages for M.2 cards. 10. Fix redfish SNMP patch protoeolenable and port fail - SNMP Cannot Turn On" 11. Fix - missing fan control for ACC_ASICx Temp 12. Fix - WEBUI to allow the user to edit user properties in FW 1.00.00 13. Fix - Memory Thermal Trip display Error 14. Fix - BIOS recovery hang from WEBUI Fix - not to show tips while saving on "Modify Community String" without any special characters 15. Fix - IP Access Control drops Host Interface, causing System Brick 16. Fix - Redfish automation test failed w/ 8 failures on v01.02.23 17. Fix - Pressing the Mount button in HTML5 iKVM Virtual Media with no file selected will prevent mounting 18. Fix - [Web Function] Login User Privileges account; It should be disable while Connection Protocol and Authentication on SMTP 19. Fix - MEL log non-existent user delete action 20. Fix - AOC-AG-i4M the i350 does not support sensor but the WEB UI show sensor status. 21. Fixed - After BMC load default, SMCIPMITool cannot clear sel 22. Fix - iKVM(JAVA plug-in) to support "IMA" image 23. Fix - "Export to Excel" button is not deactivated when all Maintenance Event Log categories are deselected 24. Fix - Fields name mismatch SPEC of Authentication/Encryption key and Protocol. (Alert/SNMPv3) 25. Fix - graphics missing in Power webpage; Power graph on IPMI WebUI issue 26. Fix - Memory thermal trip display error 27. Fix - detectable version of power supply under BMC Web GUI 28. Fix BMC webUI directory service to Active Directory page not matching X12 UI help spec. 29. Fix - Found the AutoConfiguration error when executed; Change LAN via BMC configuration" with ATT 2022/04/27" 30. Fix - Automation tests Failure, Redfish automation test failed w/ 8 failures on v01.02.23 - IPMI ECO automation test failed 31. Fix - Ignore query string if it's longer than 128 bytes 32. Fix - Error message is incomplete when delete user while it is logged in. Task list filter Completed Time The string will be shifted. It should be using "Community String/Access Mode" on SNMPv2. 33. Fix - Active Directory doesn't match SPEC define. 34. Fix - SAS controller make WEBUI Firmware inventory hang in 01.02.25 35. Fix - no GPU-NVQT400-LK sensor and GPU information on WEB UI 36. Fix - Time zone not reset to default after disable NTP through redfish 37. Fix - Some Event log time zone is incorrect
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	<p>38.Fix - Redfish automation test failed.</p> <p>39.Fix - "Anonymous" user should be preserve while filter account type "Redfish/IPMI" or "SNMP", "Export to Excel" button is not deactivated when all Maintenance Event Log categories are deselected</p> <p>40.Fix - not allow the user to log in with created user using ipmicfg</p> <p>41.Fix - Unable to mount "Floppy Disk" while upload the *.ima file.(Virtual Media); Sorting result was incorrect by "Prefix Length" on "IP access Control" page; It should be set to required field and with * symbol on "Syslog Server" and "Port";- Dynamic DNS feature has different filter rule between H12 and X12. "Account Type" is not match on Add/Modify window and user list. Mount *.img display wrong file type on Virtual Media page; Unable to mount "Floppy Disk" while uploading the *.ima file.(Virtual Media)</p> <p>42.Fix - Ignore question mark if no query parameter is appended to</p> <p>43.Fix Redfish URI - IPMICFGECO failed on TC122- SUMECO failed on TC373</p> <p>44.Fix - It should be hide star* symbol with Community String; It should be using "Community String/Access Mode" on SNMPv2; "Account Type" doesn't match on Add/Modify window and user list; It should not present duplicated information on "Add New User" window. It should not show tips while saving on "Modify Community String" without any special</p> <p>45.Fix - CPLD version display is not match between existing version and new version on Update CPLD Step 3</p> <p>46.Fix - User/Operator privileges should be able to modify itself while logged in; Password tips behavior is incorrect on "Add New User/Modify User" window; Auth key/Private key change password icon is inconsistent with Password field. (Add New User); Tips info is shift the position of Password and Confirm Password field. (Add New User); Tips info is overlap on "Account Type" check box. (Add New User)</p> <p>47.Fix - Disabled the function when system lockdown enable</p> <p>48.Fix - NTP can still using localhost as Primary NTP Server; It should not allow add empty Community Strings.(SNMPv2)</p> <p>49.Fix - Apply common issues reported in other projects. Remote iKVM session have probability disconnect by Power control action; Virtual CD-ROM can input invalid symbol to "User" and "Password"; Error Message Display Behaviors and MELs were added; Upload invalid license key will not generate unsuccessfully MEL event log; Fan page Heavy I/O Speed mode name check fail; Abnormal behavior after generating more health event log and Mark/clean Acknowledged.</p> <p>50.Fix - GPU page item name check fail; Network page "DHCPv6" check fail; BMC IP sometime incorrect; IPMI Web - Generate user account with 20 characters password fail. [146098] - Should be forbidden input .(dot) when set service port number; [GUI] Display "System Lockdown Mode is on" is more exactly when it's on going; It should be forbidden input decimal point value at "Host IP Address"; It should be disable "IMG/IMA Image" function once "ISO Image" already mounted on same Device; It should be forbidden input decimal point value at "Host IP Address"; Mount ISO fail behavior abnormal while clicking on "Failure message"; Incorrect MEL after changing Rollback ID setting. [ENGINEERING] - fix update nic shows target fail in WEBUI; Abnormal behavior once visit other page and then back to Network page; Extra space in the error message "Failed Login Counter Reset value cannot be greater than Account Lockout Duration." Incorrect MEL after saving</p>
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	<p>network page; Severity is not right when the license key uploaded unsuccessfully; [Samsung PM1743-IPMI] "Percentage drive life used" shows as 0% for Samsung PM1743 device.</p> <p>51.Fix - [GUI] Destination Address of Alert(Redfish) tips is overlap.</p> <p>52.Fix - Should have "*" if the blank is required to fill in. (Dynamic DNS Server Address and BMC Hostname). [ENGINEERING] - support NVIDIA GPU A800 80GB.</p> <p>53.Fix - Apply common issues reported in other projects. BMC WEB format is sometimes out of shape, Input exist "Port number" should not return Oops! error message. Not to allow user to enter space when modifying User's SNMPv3 Encryption key and Authentication Key; Some of Descriptions on MEL page don't have Event ID; Should have * if the blank is required to fill; Severity should not be green when an Image is mounted unsuccessfully; Incorrect MEL after setting SMTP User Name; SNMP Authentication and Encryption key length maximum does not meet requirement; [DVT]AIOM"AOC-ATG-i2TM" Healthy Status not follow the PLDM spec check; Typo on iKVM; IPMI Config failed upload message modified</p> <p>54.Fix - remove System NIC(Systemslot, port) event description</p> <p>55.Fix - configuration backward compatible issue in 01.02.40</p> <p>56.Fix - set correct max alert count to 15</p> <p>57.Fix - the order of the AOC Temp Sensors is out of order</p> <p>58.Fix - IPMI upload config message now changed</p> <p>59.Fix - NTP setting not sync after BMC reboot when setting invalid NTP server.</p> <p>60.Fix - User/Operator privileges should be able to modify itself while logged in</p> <p>61.Fix - Incorrect Severity under MEL</p> <p>62.Fix - Error message after modifying Web port and Web SSL port</p> <p>63.Fix – Virtual Media/Record/Full-Screen help content is not match with spec.</p> <p>64.Fix - Different status messages when configuring Virtual Media and DDNS</p> <p>65.Fix – Fail to install OS by virtual media HTML5 sometimes</p> <p>66.Fix - Error msg is incorrect when disable in session user.</p> <p>67.Fix - ipmi lan vlan value is not expected. Vlan ID value is not match with spec.</p> <p>68.Fix – HTML5/Java iKVM show wrong message when update IPMI firmware in old/new UI iKVM; [Ikvm] Protocal won't disconnect when update IPMI .</p> <p>69.Fix - GUI -- Display icon color is incorrect when mount success</p> <p>70.Fix - VROC info does not show in Redfish.</p> <p>71.Fix - ECO --22058 -- 01.02.33 --[iKVM] Virtual keyboard language won't sync with iKVM language.</p> <p>72.Fix - Enable I2C protection</p> <p>73.Fix - Blink/Unblink action does not show in check list</p> <p>74.Fix - 'NIC Temp' is 'N/A' in IPMI WebGUI sensor reading page. Dedicate LAN LED is not blinking while BMC works fine</p> <p>75.Fix - Apply common issues reported in other projects. Remote iKVM session have probability disconnect by Power control action. Virtual CD-ROM can input invalid symbol to "User" and "Password"; Error Message Display Behaviors and MELs were added. Upload invalid license key will not generate unsuccessfully MEL event log. Fan page Heavy I/O Speed mode name check</p>
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	<p>fail. Abnormal behavior after generating more 2076 health event log and Mark/clean Acknowledged. GPU page item name check fail. Network page "DHCPv6" check fail. BMC IP sometime incorrect. IPMI Web - Generate user account with 20 characters password fail. Should be forbidden input .(dot) when set service port number. [GUI] Display "System Lockdown Mode is on" is more exactly when it's on going. It should be forbidden input decimal point value at "Host IP Address". It should be disable "IMG/IMA Image" function once "ISO Image" already mounted on same Device. It should be forbidden input decimal point value at "Host IP Address" Mount ISO fail behavior abnormal while clicking on "Failure message" Incorrect MEL after changing Rollback ID setting.</p> <p>76.Fix - update nic shows target fail in WEBUI. Abnormal behavior once visit other page and then back to Network page. Extra space in the error message "Failed Login Counter Reset value cannot be greater than Account Lockout Duration." Incorrect MEL after saving network page. Severity is not right when the license key uploaded unsuccessfully. [Samsung PM1743-IPMI] "Percentage drive life used" shows as 0% for Samsung PM1743 device. [GUI] Destination Address of Alert(Redfish) tips is overlap. Should have "*" if the blank is required to fill in. (Dynamic DNS Server Address and BMC Hostname). Fix - support NVIDIA GPU A800 80GB.</p> <p>77.Fix - Cannot set the SNMP IP as 0.0.0.0 on X12DGQ-R even though the BMC WEBUI's SNMP destination address setting has already been changed to 0.0.0.0</p> <p>78.Fix - Change the response data of IPMI OEM command - Get OTP board serial number to align with the new IPMI command format</p> <p>79.Fix - Integrate new DDR4 driver to improve timing and signal quality in AST2600.</p> <p>80.Fix - Update network hostname format</p> <p>81.Fix - Add the network AOC inserted WebUI</p> <p>82.Fix - Redfish method to set BMC LAN interface</p> <p>83.Fix - It should be forbidden input decimal point value at "Host IP Address"</p> <p>84.Fix - Username should not allow "!" which is not match with spec</p> <p>85.Fix - "Duplicated rule" prompt message and behavior is not same as X12 UI SPEC define.</p> <p>86.Fix - Prevent unspecified address and loopback address are added to static IPv6 addresses</p> <p>87.Fix - SMCIPMITOOLIPMITOOL and WEB have different naming of power supply in inventory items</p> <p>88.Fix - Doesn't show any popup message when press down reload button without BMC configuration file</p> <p>89.FixBMC_not_displaying_capacity_for_Kioxia_CD6_drive_in_BMC_WebGUI</p> <p>90.Fix - Error HTTP message format at X13 and X12 redfish (/redfish/{string}.IKVM)</p> <p>91.Fix- No MEL is generated when attempting to login with wrong password on Web</p> <p>92.Fix - It should not pop up warning message when add difference "Policy" with same IP/Prefix Length.</p> <p>93.Fix - The password for factory setting should be unique password.</p> <p>94.Fix - The frame of "SNMPv2" help window is not complete at right hand side (Japanese)</p>
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	<p>95.Fix - Some Event log time zone is incorrect and not follow the latest MEL SPEC</p> <p>96.Fix - when NTP disable, user cannot modify timezone from WEB.</p> <p>97.Fix - Enable StatelessAddressAutoConfig in Redfish ethernetInterface</p> <p>98.Fix - Set HTML5 console as default selection</p> <p>99.Fix - IPv6 auto-config option will be enabled after set others network parameters</p>
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