IPMI Release Notes Form

Product Name	**X12DPD-A6M25**
Release Version	**1.02.51**
Build Date	**11/29/2022**
Previous Version	**1.00.08**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. To support RMCP over IPv6 2. To enable SMCIPMITool setting to allow the primary server to localhost 3. To implement new JAVA certificate 4. Improvement on Item PSU Fan 2 = 0 RPM on IPMI WEB 5. To support iKVM New UI 6. Added NIC link up/down event 7. Support IPMI Lan disable 8. Special Characters allowed in SNMPv2 Community String
New features	1. To enable user account to be changed to "Enabled" Status after logging in 2. To implement MEL based on spec 1.04 3. To enable SecureBoot API for new HII 4. To support BIOS rumtime update 5. To set Initial value to object of subject 6. To modify title for the field 7. To modify title for fields 8. To set default 'checked' to Auth and Private protocol 9. To support String Handling 10. To update BIOS on Next Boot can now be triggered by "Power Reset" 11. To add new raw command 0x30 0x68 0x39 to add/delete user account 12. To update BIOS via/redfish/v1/UpdateService/Actions/UpdateService.SimpleUpdate and to preserve SMBIOS

	13. To enable Anonymous account or null value to create HW IPMI 14. To support EUI-48 Locally Administered MAC Address for Redfish host interface; Host interface can get IP in client OS after reboot OS or remove/insert rndis driver 15. To enable user with User-level permissions to attempt to change UID settings 16. To add restore boot configuration during BIOS update 17. To enable Rollback ID alert as a tooltip 18. Updating BMC/BIOS Golden to eliminate the requirements for DCMS license 19. Updating GETing Rollback ID to eliminate the requirements for DCMS license 20. To support Host now powers on after updating BIOS golden image 21. Added warning message for RAID HDD type mixing 22. Added the network AOC inserted WebUI 23. Updated Redfish method to set BMC LAN interface 24. Update network hostname format
Fixes	1. Fix – Modify error when entering user name or password return oops error while Account Type is "SNMP"; SNMPv2/SNMPv3 buttons to set "OFF" by default 2. Fix - [Security] Wrong base64 causing 500 Internal error at redfish 3. Fix - Unable to change directory service to "LADP" & "Active Directory" & "RADIUS; "LDAP" unable to submit while all filed set to defaults 4. Fix - Redfish automation test failed (x10) when running SATC test 5. Fix - Unable to turn on NTP "Enable" 6. Fix- Language Change title string not being translated 7. Fix - After task list filter "Completed Time', the string is shifted - Dynamic DNS feature using different filter rule between H12 and X12; The link speed in physical view is displaying "drives link speed and also link not active" 8. Fix - Removed current settings and set user defaults to ADMIN/ADMIN for it to work well 9. Fix - [RoT] RoT event log display Out of SPEC Definition 0x00/0x01 10. Fix - System Crash Dump can be generated/download with wrong license(No key or OOB) - "Save" button is not appropriate for clear event log confirmation boxes - Add SNMP type user Not have * to inform Auth Key and Private Key are required items 11. Fix - Unable to generate "NTP update" on the task list, while NTP Enable/Disable. Unable to generate "NTP update" on the task list, while NTP setting. 12. Fix - Added SNMP type (User not having error message when disallowed character used). Mount *.img display wrong file type on Virtual Media page 13. Fix - Unable to generate "NTP update" on the task list while NTP Enable/Disable. Unable to generate "NTP update" on the task list, while NTP setting. 14. Fix - Filter account type "Redfish/IPMI" or "SNMP" to "unstuck". 15. Fix - Automation tests Failure (x2), Redfish Installation Test fail caused by incorrect BIOS preservation option. 16. Fix - The DNS server ip changed back to "0.0.0.0"

17. Fix - Added a prompt to ask user if they want to reboot system after BIOS runtime update. Flashing BIOS by "Immediate Update" not works under Web GUI.
18. Fix The description about memory install/remove location in health event log is incorrect
19. Fix - The Severity is incorrect when VBAT Battery fails
20. Fix - The NTP time incorrect
21. Fix - Redfish automation test failed. 31 tests failed when executing redfish automation tool, Automation tests Failure. Redfish Automation Tool check fail.
22. Fix - Automation tests Failure. Redfish automation test failed (x2)
23. Fix - User list couldn't cancel session id after closed ikvm/html5 session
24. Fix - Assertion: temp critical when Physically hot swapping NVMe
25. Fix - Unexpected events log after the system reboots
26. Fix - BMC will stay at FW update mode when upload invalid BMC FW; Web hang in loading after uploaded invalid BMC file
27. Fix - IPMI ECO automation test failed.
28. Fix - Redfish automation test failed.
29. Fix - The format of Maintenance Event Log page about the "Clear All the Event Logs" button and "Interface" ?"User" and "Category" are not matched
30. Fix - Unable to see NVMe Max Link Speed and Max Link Width on Storage Monitor
31. Fix - IPMI Console Capture Video sometime freezes in progress
32. Fix - Can't update BIOS golden after bmc reboot during BIOS update
33. Fix - Out of Spec Definition Assertion Desertion events logs when hot_plugging PWS
34. Fix - When launch java plug-in under Remote Console , it will return to Web UI log in page
35. Fix - Incorrect NVME event description in 01.02.13 if Drive slot defined in system SPEC
36. Fix - QYFQ has incorrect CT and NR temperature on IPMI; CPU Temp sensor threshold cannot be adjusted in 01.02.13
37. Fix - Power supply information missing/misplaced/failed to update in IPMI WebGUI; Add appropriate id to power supply on web
38. Fix - Network number mismatch during run system on/off test (Failover mode)
39. Fix - The IPv6 address is out of bounds.
40. Fix - There is no BMC User Guide link is workable in help page.
41. Fix - The format of CPU page is incorrect.
42. Fix - Web ADMIN Can delete new create user when new user login
43. Fix - Host will not reboot automatically after BIOS runtime update.
44. Fix - IP Address can't support IPv6 format on "IP Access control" page.
45. Fix - SOL failed to start in SMASH Console.
46. Fix - AOC-S25G-B2S-O is not display in WebGUI
47. Fix - Showing warning message when user try to add a duplicate rule
48. Fix - Display symbol of "Descending" â†" as default? for task page
49. Fix - BIOS UFFN version mismatch
50. Fix - Used wrong information will return Oops! error while mount ISO (Virtual Media)

51. Fix - Sensor readings not show all NVMe temp in BMC
52. Fix - AC cycle got Dedicated LAN Link Down event; Fan speed miss detect / LAN Link Up - Down - Up in BMC log
53. Fix - PSU Input voltage/Current/Power wording to support AC Input
54. Fix - Unable to login to BMC
55. Fix - IPMI Web - System - Component Info - PSU - Fan2 shows 0 RPM
56. Fix - It shouldn't sort by "Health Status" and "state" at same time; Default sorting task by "Create Time" (Descending) is more user friendly; "Update" and "Inventory" didn't translation to Chinese simplified and Japanese; "System Lockdown" didn't translation to Chinese simplified and truncation; "Host Interface" and "System Lockdown" display incomplete and overlap (Japanese); "System Lockdown" didn't translation to Chinese simplified and truncation.
57. Fix - CPU Health severity is not correct on Dashboard(System) and Component Info
58. Fix - Host now automatically powers on (if host is off) after BIOS Update Golden
59. Fix - iKVM Record video function no display under HTML5 remote console
60. Fix - Failed to Setup Time Zone; Time zone won't able to change under NTP server via WebGUI; BMC failed to set time zone
61. Fix - User is able to delete itself while logged in.
62. Fix - User is able to enter 65 characters as Authentication Key and Encryption key when setting Alerts with SNMPv3
63. Fix - The sensor name for HDD is incorrect.
64. Fix – To enable to upload .ima files onto Floppy Disk on Web GUI
65. Fix - User name and password requirement are inconsistent with tips/Help info; User is able to enter 65 characters as Authentication Key and Encryption key when setting Alerts with SNMPv3 protocol; Task page update: remove ID
66. Fix - Automation tests Failure
67. Fix - CPU SEL event triggers SEL itself to return 500
68. Fix - Upper right corner language no change in IPMI Web GUI
69. Fix - PFR "Recover" button now greys out when DCMS license is inactivated.
70. Fix - Web Notification Alert issue -smtp alert [134148] - Unable to configure SMTP when setting Alerts
71. Fix - Evidence generation and the download fails through HII
72. Fix - Password requirement not matching
73. Fix - Shouldn't allow user to put space when setting DNS server
74. Fix - Automation tests Failure
75. Fix - Upload wrong type of "IPMI Configuration" file should not allow to reload; Couldn't remove selected file due to "X" is out of frame
76. Fix - Systemlockdown issue on the web
77. Fix – To enable autoconfig when IPv6 is enabled with stateless mode to fix TC267
78. Fix - Domain Name Save Issue on the DDNS Page
79. Fix - Web Notification Alert
80. Fix - User is able to delete itself while logged in
81. Fix - ikvm port becomes 0 after reloading configuration file

82. Fix - Systemlockdown issue on the web; Close" button is out of the "Preference" page on IKVM(HTML5).
83. Fix - X12 Data Mismatch when Comparing Excel File with Web Event Log
84. Fix - Redfish response inconsistence
85. Fix - The BMC version is not the same between System and Multinode
86. Fix - NTP primary server check for correct IP
87. Fix - PFR Recover Action now only accessible with DCMS License on firmware inventory page
88. Fix - Pminfo reading issues
89. Fix - HTML5 concole keeps connecting when performing ikvm reset
90. Fix - B12SPE NIC1 and NIC2 MAC addresses swapped (reported by Intel)
91. Fix - IPv6 address list is not cleared
92. Fix - AOC-A25G-i2SM temperature
93. Fix - Web element disabled when login with user privilege
94. Fix - Failed to run IPMIECO Automation test (TC401/402)
95. Fix - Directory Service support group only
96. Fix - IPMICFG execute IPv6 command "-addrptl 2" failed
97. Fix - Remove MouseMode, IKVM and Snooping license check
98. Fix - Failure to unlock the ADMIN account
99. Fix - OEMGetSetSmartCool 30 70 73 cmd response
100. Fix - Multi function should grey out when login with user priv
101. Fix - Firmware uploading hanging issues
102. Fix - SMCIPMItool automation test failure
103. Fix - Missing NVMe graphics
104. Fix - After issuing the DC28 of cmd, check BMC web found Description is incorrect
105. Fix - network AOC no link status
106. Fix - Updating BIOS via /redfish/v1/UpdateService/Actions/UpdateService.SimpleUpdate and prints to MEL
107. Fix - Network AOC FW version length cut
108. Fix - Trying to generate Evidence & update FW at the same time behavior mismatching SPEC definition
109. Fix - Rollback ID checkbox for Motherboard CPLD should be disabled when license is inactivated
110. Fix - Number of Drives Displaying issues on Overview and Physical View tabs on Storage monitoring
111. Fix - FW Inventory Page Loading Unnecessary Buttons
112. Fix - Added querying stored rollback ID
113. Fix - Redfish automation tool check failure
114. Fix - Firmware update checkboxes now work correctly
115. Fix - Missing redfish/v1/Chassis/1/PCIeDevices/NVMeSSD[nvme_ssd_num]
116. Fix - The number of SATA drives on Broadcom rectangle is incorrect
117. Fix - IKVM becomes abnormal after changing language from English to ????
118. Fix - Users feature has Cross-site scripting issue when use specific payload
119. Fix - Web storage controller tab not correct
120. Fix - Redfish automation tool check failure
121. Fix - Power Supplies Event Log doesn't include number

	122. Fix - IPv6 network address not present on WEBGUI Dashboard
	123. Fix - BMC Storage Monitoring doesn't show green circle for user role
	124. Fix - BIOS version string inappropriate; BIOS firmware version string is inappropriate; Redfish and Thermal automation test cannot run
	125. Fix - Storage Monitoring Overview page will cause BMC to hang when keeping the overview page for 3-5 mins; no confirmation message after performs fd/unit reset from web
	126. Fix - IPMI web power consumption data is not correct
	127. Fix - Generate Evidence can't update BIOS firmware message not match Spec define
	128. Fix - BIOS ECO SUM failed
	129. Fix - Time zone not reset to default after disable NTP through redfish
	130. Fix – Incorrect Event log time zone
	131. Fix - Redfish automation test failed
	132. 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
	133. Fix - MAC/FRU/License are now recovered after recovering the BMC image from backup/golden
	134. Fix - Does not allow the user to log in with created user using ipmicfg
	135. 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)
	136. Fix - Ignore question mark if no query parameter is appended t
	137. 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 o Redfish URI; IPMICFGECO failed on TC122. SUMECO failed on TC373.
	138. Fix - CPLD version display is not match between existing version and new version on Update CPLD Step 3
	139. 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)
	140. Fix - Disabled the function when system lockdown enable
	141. Fix - There is undefined log in Maintenance Event Log
	142. Fix - NTP can still using localhost as Primary NTP Server. It should not allow add empty Community Strings.(SNMPv2)
	143. Fix - Keep running process if syslog status has not changed
	144. Fix - ROT BIOS recovery function didn't work

145. Fix - SMTP user name can save "@" and "." which is the invalid special characters.
146. Fix - Login User Privileges account; it should be disabled while the connection Protocol and Authentication are set on SMTP
147. Fix - WebUI will show "Invalid Username or Password" with new created user which contains special characters in username
148. Fix - MEL log non-existent user delete action
149. Fix - It should not show tips while saving on "Modify Community String" without any special characters
150. Fix - Redfish login failed will leak current login username
151. Fix - IP Access Control drops Host Interface, causing System Brick
152. Fix - Redfish automation test failed w/ 8 failures on v01.02.23
153. Fix - Alert Notification for SNMP
154. Fix - It should be forbidden input decimal point value at "Host IP Address"
155. Fix - Pressing the Mount button in HTML5 iKVM Virtual Media with no file selected will prevent mounting
156. Fix - After triggering the thermal trip event power on the system failed Configuration; system occasionally shut down by itself. Executing HDD stress the system occurs thermal trip. MDD24 stress test CPU Thermal Trip
157. Fix - Enhance Smart Power new UI
158. Fix - Fields name mismatch SPEC of Authentication/Encryption key and Protocol. (Alert/SNMPv3)
159. Fix - graphics missing in Power webpage; Power graph on IPMI WebUI issue
160. Fix - Memory thermal trip display error
161. Fix - Undetectable version of power supply under BMC Web GUI
162. Fix - BMC webUI directory service to Active Directory page not matched with X12 UI help spec
163. Fix - Found the Autoconfiguration error when executing TC373--"Change LAN via BMC configuration" with ATT 2022/04/27"
164. Fix - Automation tests Failure; Redfish automation test failed w/ 8 failures on v01.02.23. IPMI ECO automation test failed. Ignore query string if it's longer than 128 bytes
165. Fix - Removed unused variables that caused internal errors
166. 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.
167. Fix - Active Directory not matching SPEC definition
168. Fix - SAS controller make WEBUI Firmware inventory hang in 01.02.25. No System Event Logs triggered when using ipmi 0.03.05
169. Fix - [RoT] MAC and Fru: not preserved after BMC recovering
170. Fix - After BMC load default, SMCIPMITool cannot clear sel
171. Fix - iKVM(JAVA plug-in) should be support "IMA" image
172. Fix - "Export to Excel" button is not deactivated when all Maintenance Event Log categories are deselected
173. Fix - Converted prefix to string type before checking duplicate rule
174. Fix - Login screen should support the "eye-icon" button to view password
175. Fix - IPMI Web - Network page "DHCPv6" check failed
176. Fix - SMTP User Name now supports @Automation test failure, test case 408: BMCWebUI

177. Fix - Removed license key check in system troubleshooting on webui page
178. Fix - The LED blink/unblink action take too long time
179. Fix - Error Message Display Behaviors; MELs added
180. Fix - New error message displays in Dynamic DNS, Floppy Disk, and IPMI Configuration
181. Fix - Special account causing out-band login at redfish at H12
182. Fix - Redfish SNMP patch protoeolenable and port failure. SNMP Cannot Turn On"
183. Fix - WEBUI not allow to edit user properties in FW 1.00.00
184. Fix - Memory Thermal Trip display Error
185. Fix - Username should not allow "!" which does not match with spec
186. Fix - "Duplicated rule" prompt message and behavior is not same as X12 UI SPEC definition
187. Fix - Prevent unspecified address and loopback address are added to static IPv6 addresses
188. Fix - SMCIPMITOOLIPMITOOL and WEB have different naming of power supply in inventory items
189. Fix - Doesn't show any popup message when pressing down reload button without BMC configuration file
190. Fix - Apply common issues reported in other projects. MEL "Smart Power event log was configured to disabled successfully" followed after modifying health event log Advanced settings. Incorrect MEL after changing Rollback ID setting. 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. " Smart Power event log was configured to enabled / disable not have MEL ID [Samsung PM1743-IPMI] "Percentage drive life used" shows as 0% for Samsung PM1743 device. [GUI] Destination Address of Alert(Redfish) tips is overlap. [146476] - Should have "*" if the blank is required to fill in. (Dynamic DNS Server Address and BMC Hostname)
191. 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 failure Abnormal behavior after generating more 2076 health event log and Mark/clean Acknowledged. GPU page item name check failure. Network page "DHCPv6" check failure. BMC IP sometime incorrect. IPMI Web - Generate user account with 20 characters password failure. [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"
192. Fix - configuration backward compatible issue in 01.02.40
193. Fix - set correct max alert count to 15
194. Fix - the order of the AOC Temp Sensors is out of order
195. Fix - IPMI upload config message changed

	196. Fix - the NTP setting not sync after BMC reboot when setting invalid NTP server.
	197. Fix - User/Operator privileges should be able to modify itself when logged in
	198. Fix - Incorrect Severity under MEL
	199. Fix - Error message after modifying Web port and Web SSL port
	200. Fix - Virtual Media/Record/Full-Screen help content not matching with spec.
	201. Fix - Different status messages when configuring Virtual Media and DDNS
	202. Fix - Failed to install OS by virtual media HTML5
	203. Fix - Error msg is incorrect when disabled in session user.
	204. Fix - HTML5/Java iKVM showing wrong message when updating IPMI firmware in old/new UI iKVM. [Ikvm] Protocal won't disconnect when updating IPMI .
	205. Fix - GUI -- Display icon color is incorrect when mount success
	206. Fix - VROC info not shown in Redfish.
	207. Fix - Virtual keyboard language not sync with iKVM language.
	208. Fix -BMC_not_displaying_ capacity_for_Kioxia_CD6_drive_ in_BMC_ WebGUI
	209. Fix - Error HTTP message format at X13 and X12 redfish (/redfish/{string}.IKVM)
	210. Fix - It should not pop up warning message when adding different "Policy" with same IP/Prefix Length.
	211. Fix - The password for factory setting should be a unique password.
	212. Fix - The frame of "SNMPv2" help window not complete at right hand side (Japanese)
	213. Fix - Wrong BPN CPLD version on the firmware upgrade web page
	214. Fix - Event log time zone incorrect and not following the latest MEL SPEC
	215. Fix - When NTP disabled, user cannot modify timezone from WEB.
	216. Fix - Enable StatelessAddressAutoConfig in Redfish ethernetInterface
	217. Fix - Set HTML5 console as default selection
	218. Fix - IPv6 auto-config option will be enabled after set others network parameters