BMC Firmware Release Notes Form

Product Name	**X12QCH+**
Release Version	**01.04.03**
Build Date	**03/21/2023**
Previous Version	**01.00.03**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	**None**
New features	**None**
Fixes	1. **Web – IPv6 gateway address isn't displayed when configuring to DHCPv6 stateful.** 2. **Web – AC Power on and FIFO event log are disabled on operator privileges.** 3. **Web – Failed to upload Valid File For TSIG Authentication.** 4. **[IPMI ECO] Redfish Automation Tool check has 2 fails.** 5. **Web – IPv6 gateway MEL displayed twice when changing network settings other than IPv6 gateway itself.**

	6. Web – RADIUS web elements are disabled without license activation.
	7. Web – MEL Log msg is incorrect when only configuring Network IP source to static.
	8. Web – General Hostname field can fill in 64 characters which is not a match with what the Spec defined.
	9. Auto Daylight Savings Time is enabled when in System Lockdown mode.
	10. AutoDST should be disable when the time zone is (UTC+02:00) Damascus from 2023.
	11. Auto Daylight Savings Time switch button should be unable to change when System Lockdown Mode is on.
	12. [IPMI] BMC Web UI. [IPMI] Redfish Automation Tool check.
	13. Web – Network page can save Class D and Class E IPv4 addresses.
	14. Web – USB Connection setting of Host Interface and SSDP setting didn't restore.
	15. Unable to download IPMI Configuration via WebUI/Redfish/SMCIPMITOOL.
	16. Component Info Power Data Faulty string "System Board Power Consumption Graph (Current reading): 0Watts" is missing a space.
	17. Definition of wiki SPEC [MEL-0225] now is not match with actual WEB option naming.
	18. GUI – Virtual Media "Verify SSL Certificate" checkbox isn't checked by default.
	19. Fixed CVE-2023-4879 Terrapin Attack.
	20. (CVE-2023-33413) SMC-2024010012 Command Injection attack.
	21. [SYS-240P-TNRT][BIOS 1.8 12/22/2023_IPMI 01.00.03 11/30/2023] Power Fail LED doesn't solid on when system power on with one power cord connected.

	22. Non-set [MEL-0111/0112] SNMPv2 related MELs be logged when setup SNMPv3.
	23. [SYS-240P-TNRT] AOC-ATG-I2TM NCSI function didn't work.
	24. [SUM] Fail to MountIsoImage (In-Band/Multiple), err msg= Please use the following rules to check the image URL, ID, and password.
	25. [GUI] Empty 'Dynamic DNS Server Address' column, error message is not quite intuitive.
	26. Supposed to show ONLY the least required key of the limited function when no License is activated.
	27. License required pop-up diagram does not quite match with definition (string of the button).
	28. Able to add duplicate ACCEPT/DROP rules with same IP Address/Mask.
	29. [MEL-0144] SMTP Sender's Address does not match with MEL SPEC when edit/remove SMTP Sender's Address.
	30. Non-set [MEL-0111/0112] SNMPv2 related MELs be logged when setup SNMPv3.
	31. MEL does not match with SPEC with long input of remote User/remote group.

01.00.03 (11/30/2023)

1. WEB — "User is locked" shall not be the pop-up alert message due to [Security] concern.
2. WEB — MEL Log message is incorrect when configuring Syslog.
3. WEB — MEL is incorrect after doing an IKVM reset.
4. WEB — Failed to receive Redfish IPv6 Alert Event.
5. SMCIPMITool — FRU does not sync to FRU1.
6. Can't read sensor value after flashing BMC FW or doing RAW 30 41.
7. [Combined ECO] SMSTC test fail with 8 items.
8. [SYS-240P-TNRT][AOC-SLG4-2H8M2] There is no Storage Monitoring info and Sensor Readings when inserting AOC-SLG4-2H8M2.
9. [IPMI ECO 01.00.01] SATC Redfish Automation test fail with 23 items.
a. X12QCH
10. BMC will be stuck after utilizing SSH to connect LDAP accounts.
11. [SSM_5.6.0_build.1224] The System Information test fail lack the Processor: Current Clock Speed (MHz) item on the H12DSG-Q-CPU6 Copy Project Issue Link.
12. Active Directory failed to delete the server address.
13. Source of MEL "Smash logout was successful" shouldn't show as N/A.
14. [GUI] Password can't be the reverse of the User name, the error return "Oops! Something went wrong." does not quite match with the situation.
15. Web — Modify Alert dialog does not disappear when navigating to the License Activation page by clicking the "Start it now!" button.
16. DLAP and Active Directory Add Rule requires both Remote User and Remote Group to be filled when other type BUI only requires one.
17. [MEL] Generated MEL does not quite match when adding SNMPv2 (based on MEL SPEC v1.03).
18. Incorrect MEL after deleting the IP control rule.
19. (BMC_X12AST2500-ROT-F101MS_20230505_00.23.80_STDsp) The version shown on the BMC website is incorrect.
20. No related MEL when setting up Active Directory (either setup by SMCIPMITOOL).
21. No related MEL when setting up LDAP (either setup by SMCIPMITOOL).
22. [GUI] Help tips don't have SSDP.
23. It should be using a complete task message to replace "MEL" when the task is complete and successful.
24. [IPMI 00.23.77] Redfish Automation failed.
25. Can't update BIOS via "Update on next boot".
26. [MEL] No related MEL log when setting up SNMPv3 Auth Protocol/ Private Protocol.

0.23.77 (1/17/2023)

1. BMC function will not work if no LAN cable is connected to a dedicated port.
2. ECO – 16099 – 00.23.76 (12/26/2022) – SUM – Cannot use auto power on SUT after updating golden BIOS FW.

0.23.66 (08/03/2022)

1. The M.2 SSD temperature cannot be recorded in the sensor page.
2. Sensor name does not match SPEC (M2 SSD1 Temp should not be underlined, and P1 PMemAc Temp should be capitalized)
3. SMCIPMITool's ability to change WEB settings and restore factory defaults does not work as expected.

4. *During DC on/off cycles, the BMC SEL Log will show "SPI Channel attack is prevented - Assertion."*
5. *During DC on/off cycles, the BMC SEL Log will display "PSU Status."*
6. *If the host IP enters a decimal, an error message will appear.*
7. *When clicking "Save" by default on the syslog page, the web GUI does not respond.*
8. *Saving the "RMCP" port to 65535 is successful, but set it to the default number 623.*
9. *In Network AOC information, "Temperature" and "Controller Status" should be removed.*
10. *The ipmi lan vlan tag is not working as expected.*
11. *SUM will not show the PSU information, but the WEB UI does show the PSU information normally. (TC 238, 325 and 425)*
12. *The power module is not detected.*
13. *SMCIPMITool does not give any PM information.*
14. *Dynamic DNS (DDNS) BMC host name "colon:" should be permitted.*
15. *Drop the PSU while the AC is turned off.*
16. *Restoring to factory defaults does not function well.*
17. *Enabling an NTP server with an invalid IP address results in MEL missing the "Configured to Disable successfully" message.*

0.23.57 (03/03/2022)

Fixed the following:
1. x12qch+ 00.23.55 automation test.
2. IPMI ECO automation test failure.
3. Redfish Automation Tool check failure.
4. Function -- Can't launch more iKVM (HTML5) via Chrome browser after BMC had been reset.
 5. Function -- Remote Console can't launch iKVM via JAVA plug-in.

0.23.32 (4/24/2021)

1. Fixed missing event log and alter for CPU overheat.
2. Fixed missing Console Capture tap on troubleshooting page.

0.23.26 (1/29/2021)

1. Fixed problem of 5VSB Temperature error appearing in the event log when updating IPMI to 00.23.25, then unplugging and plugging in AC.
2. Fixed failure of X12QCH+-P Redfish automation test.

0.23.19 (11/11/2020)

1. Moved label that was in front of Launch SOL function.
2. Fixed failure of test for RSC-D2R-668G4 multi sensor reading function.
3. Fixed mismatch of the location of SERR/PERR event log.
4. Corrected temperature displayed in AOC/AIOM card sensor reading.
5. Fixed missing information when inserting AOC-S100G-b2C in the IPMI GUI.
6. Fixed missing sensor reading when inserting AOC-S100G-b2C in the IPMI GUI.

7. Fixed failure of DC on/off test and problem of the system displaying 5VSB "Upper Critical - going high - Assertion".

8. Fixed failure of AC on/off test.

9. Fixed problem of M2_SSD2 Temp disappearing when running HDD stress.

10. Fixed failure of SUM automation test.

11. Fixed failure of SATC Redfish automation standard mode test.

12. Fixed problem of the front panel information LED blinking when power failure alert deassertion occurs.

13. Fixed malfunction of Open iKVM via Remote Console monitor on Dashboard page when pressing monitor a second time.

14. Fixed inability of IPMI GUI event log to switch to more than two pages.

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Product Manager   *Date*