BMC Firmware Release Notes Form

Product Name	**X12STW-F/IF**
Release Version	**1.02.45**
Build Date	**09/22/2022**
Previous Version	**1.02.20**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. **Enabled new error message to display in Dynamic DNS, Floppy Disk, and IPMI Configuration.** 2. **Added NIC link up/down event.**
New features	1. **Added VROC feature to Redfish.** 2. **Added support for IPMI LAN disable.** 3. **Added support for Intel GPU ATS M1 and ATS M3.** 4. **Added support for AOC P3IMB-M-P1, P3IMB-M-P2 sensor reading.**
Fixes	**Fixed the following issues:** 1. **When "ISO Image" is already mounted on the same device, the "IMG/IMA Image" function should be disabled.** 2. **It should not be allowed to input a decimal point value at "Host IP Address."** 3. **Mount ISO fail behavior is abnormal while clicking on "Failure message."** 4. **System NIC (Systemslot, port) event description should be removed.** 5. **On Virtual Media (iKVM/HTML5), the "Umount" button is misspelled.**

6. Configuration backward compatibility issue.

7. Set correct max alert count to 15.

8. The order of the AOC Temp Sensors is out of order.

9. The IPMI upload configuration message changed.

10. When using an invalid NTP server, the NTP setting does not sync after a BMC reboot.

11. While logged in, the user/operator should be able to modify itself.

12. Incorrect Severity under MEL.

13. After modifying the Web port and Web SSL port, an error message appears.

14. The Virtual Media/Record/Full-Screen help content does not meet the specifications.

15. When configuring Virtual Media and DDNS, different status messages are displayed.

16. Virtual media HTML5 fails to install the operating system sometimes.

17. The error message is incorrect when the session user is disabled.

18. The ipmi lan vlan value is unexpected.

19. When updating IPMI firmware in old/new UI iKVM, HTML5/Java iKVM displays the incorrect message.

20. When mounting is successful, the color of the display icon is incorrect.

21. Virtual keyboard language won't sync with iKVM language.

22. To view the password, the login screen should include a "eye-icon" button.

23. DHCPv6 network page check fails.

24. Added warning message for mixing RAID HDD types.

25. Fix failed automation test case 408: BMCWebUI.

26. Remove license key check in system troubleshooting webui page.

27. The LED blink/unblink action takes far too long.

28. MELs and Error Message Display Behavior were added.

29. Intel ACC100 temperature reading is incorrect.

30. Disable the LED blink action on physical and logical view pages for M.2 cards.

31. Special account can cause out-band login at redfish at H12.

32. Fix redfish the SNMP patch protocol enable and port fail.

33. ACC ASICx Temp fan control is missing.

34. **PSU fan2 shows "0 RPM" in WEB GUI.**

35. **Special Characters are allowed in the SNMPv2 Community String, enable SNMPv2.**

36. **In FW 1.00.00, WEBUI denied the ability to edit user properties.**

37. **Error in Memory Thermal Trip Display.**

38. **MEL displays an issue when the login username contains certain characters.**

39. **SMCIPMITool cannot clear sel after BMC loads the default.**

40. **The "IMA" image should be supported by iKVM (JAVA plug-in).**

41. **When all Maintenance Event Log categories are deselected, the "Export to Excel" button remains active.**

42. **Convert prefix to string type before checking duplicate rule.**

43. **The invalid special characters "@" and "." can be saved in the SMTP username.**

44. **Redfish returns two json data and generates an error response at H12.**

45. **While using the Connection Protocol and Authentication on SMTP, the Login User Privileges account should be disabled.**

46. **When a new user is created with special characters in the username, the WebUI will display "Invalid Username or Password."**

47. **MEL log non-existent user delete action.**

48. **It should not display tips when saving without any special characters on "Modify Community String."**

49. **Redfish returns two json data and generates an error response at H12.**

50. **Redfish login failure will expose the current login username.**

51. **Redfish long odata.id caused 500 Internal Server Error at H12.**

52. **IP Access Control disconnects the Host Interface, resulting in System Brick.**

53. **Redfish automation test failed with 8 failures on v01.02.23**

54. **Alert Notification for SNMP**

55. **Mounting will be prevented if the Mount button in HTML5 iKVM Virtual Media is pressed with no file selected.**

56. **UID LED does not work when updating BIOS via WEB**

57. **The names of the fields Authentication/Encryption key and Protocol do not match ((Alert/SNMPv3).**

58. Graphics missing in Power webpage.

59. Undetectable version of power supply under BMC Web GUI

60. BMC webUI directory service to Active Directory page do not match the X12 UI help specification.

61. Found the AutoConfiguration error when executed TC373--"Change LAN via BMC configuration" with ATT 2022/04/27."

62. Fix the following:

a) Automation tests Failure

b) Redfish automation test failed with 8 failures on v01.02.23

c) IPMI ECO automation test failed.

d) Ignore query string if it's longer than 128 bytes.

63. Improvement Item PSU Fan 2 = 0 RPM on IPMI WEB.

64. Remove unused variables that cause internal error.

65. When deleting a user while logged in, the error message is incomplete.

66. Active Directory doesn't Task list filter match SPEC definition.

67. Ignore query string if it's longer than 128 bytes.

68. In 01.02.25, the SAS controller causes the WEBUI Firmware inventory to hang.

69. PIO-220ME-FN6R-6-MB007 does not have a GPU-NVQT400-LK sensor or GPU information on the WEB UI.

70. Time zone not reset to default after disabling the NTP through redfish.

71. Redfish automation test failed.

72. Fix the following:

a) "Anonymous" user should preserve while filter account type "Redfish/IPMI" or "SNMP".

b) "Export to Excel" button is not deactivated when all Maintenance Event Log categories are deselected.

73. Does not allow me to log in with created user using ipmicfg.

74. Fix the following:

a) Unable to mount "Floppy Disk" while upload the *.ima file.(Virtual Media)

b) Sorting result was incorrect by "Prefix Length" on "IP access Control" page.

c) It should be set to required field and with * symbol on "Syslog Server" and "Port".

d) Dynamic DNS feature has different filter rule between H12 and X12.

	e) "Account Type" does not match on Add/Modify window and user list.
	f) Mount *.img displays the wrong file type on the Virtual Media page.
	g) Unable to mount "Floppy Disk" while uploading the *.ima file.(Virtual Media)
	75. Fix the following:
	a) Ignore question mark if no query parameter is appended to Redfish URI
	b) IPMICFGECO failed on TC122.
	c) SUMECO failed on TC373
	76. Fix the following:
	a) It should be hide star* symbol with Community String.
	b) It should be using "Community String/Access Mode" on SNMPv2.
	c) "Account Type" doesn't match on Add/Modify window and user list.
	d) It should not present duplicated information on "Add New User" window.
	e) It should not show tips while saving on "Modify Community String" without any special characters.
	77. Fix the following:
	a) User/Operator privileges should be able to modify itself while logged in.
	b) Password tips behavior is incorrect on "Add New User/Modify User" window.
	c) Auth key/Private key change password icon is inconsistent with Password field. (Add New User).
	d) Tips info shifts the position of Password and Confirm Password field. (Add New User).
	e) Tips info overlaps on "Account Type" check box. (Add New User).
	78. Fix the following:
	a) NTP can still using localhost as Primary NTP Server.
	b) It should not allow add empty Community Strings.(SNMPv2).
	79. Keep running process if syslog status has not changed.
	80. Fix the following:
	a) Modify user name or password will return oops error while Account Type is "SNMP".
	b) SNMPv2/SNMPv3 buttons should be set "OFF" by default.
	81. Wrong base64 caused 500 Internal error at redfish.
	82. There are 10 fail items when running SATC test.
	83. Verify that NTP can be enabled and disabled through WEBUI.

84. The Language Change title string is not translated.

85. Fix the following:

a) **Task list filter Completed Time the string will be shifted.**

b) **Dynamic DNS feature has different filter rule between H12 and X12.**

c) **The link speed in physical view is displaying "drives link speed and also link not active."**