BMC Firmware Release Notes

Product Name	**X13SEDW-F**
Release Version	**1.00.31**
Build Date	**2/17/2023**
Previous Version	**1.00.18**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. **When NTP is disabled, the user cannot modify the time zone from the Web.**
New features	1. **Added Hot Spare in Redfish API and WEBUI.** 2. **Support AOC-SLG4-2H8M2, AOC-S3808L-L8IR and AOC-S3816L-L16IR.** 3. **Added the network AOC inserted Web UI.** 4. **Redfish method to set BMC LAN interface.** 5. **Support Motherboard CPLD Golden Image Version Display.** 6. **Support Motherboard CPLD Golden Image Update.**
Fixes	1. **Share LAN does not work when the AIOM card disables AUX power under S5.** 2. **Upgraded X13 crash dump version to 2.0.2.**

	3. The health event log (SEL Version, Free Space, Recent Added /Erased time is empty.
	4. User and source of MEL should not show N/A after VM mount image.
	5. Half of IPMI Web GUI Remote Console Showing In PXE.
	6. Extended the size limitation of certificate and key files.
	7. Removed rollback ID configuration page, rollback ID always updates when the firmware updates.
	8. Lost PFR image version on web.
	9. Network AOC Health status abnormal on BMC web GUI.
	10. Shouldn't allow user to input invalid value as DNS server IP.
	11. 'ON' string with UID enable button is not middle align.
	12. DIMM sensor readings on IPMI do not update.
	13. No physical drives info and controller view on IPMI.
	14. PCI SERR and OS Kernel Panic during IPMI 1.00.18 BMC update.
	15. SOL text is shown incorrectly on BH12SSi platform.
	16. "Duplicated Data" prompt message is not corresponding on selected "Policy"(ACCEPT/DROP).
	17. Fixed Content-Length value is different from the Message Body length.
	18. Response is incorrect when clear IPv6 null address via smc ipmi tool.
	19. The BMC can't get correct the health status of the NIC.
	20. Fixed Network AOC page with two AIOM.
	21. Error HTTP message format at X13 and X12 redfish (/redfish/{string}.IKVM).
	22. No MEL is generated when attempting to log in with the wrong password on Web.
	23. A warning message should not pop up when adding a different "Policy" with the same IP/Prefix Length.

	24. Content-Length value is different from the Message Body length.
	25. The password for factory setting should be a unique password.
	26. The frame of "SNMPv2" help window is not complete at the right-hand side (Japanese).
	27. Return two json data and cause error reply at H12 redfish (/redfish/v1/AccountService/Accounts/{num}).
	28. Fixed the wrong BPN CPLD version on the firmware upgrade web page.
	29. Fixed some Event log time zone that is incorrect and not follow the latest MEL SPEC.
	30. Enabled Stateless Address Auto Config in Redfish ethernet Interface.
	31. Set HTML5 console as default selection.
	32. IPv6 auto-config option will be enabled after setting other network parameters.
	33. Avoid path traversal payload download/delete files.
	34. It should be forbidden to input a decimal point value at "Host IP Address."
	35. Username should not allow "!" which does not match with specs.
	36. "Duplicated rule" prompt message and behavior are not the same as the X12 UI SPEC definition.
	37. Prevented unspecified address and loopback address are added to the static IPv6 addresses.
	38. Doesn't show any pop-up message when pressing down the reload button without the BMC configuration file.
	39. Task list event log (Disk number) is incorrect when using Storage monitoring to turn off (unblink) NVMe backplane LED.
	40. Unable to delete Username under SMTP once filled in.

	41. Doesn't translate English to the language in use.
	42. DNS server IP became 0 when saving it as empty.
	43. Not clear Mel generated after the host name is set to blank and saved.
	44. Virtual Media page will be blank after clicking Mount button for many times and relaunching.
	45. Port save without changes error message.
	46. Should not show warning message after changing syslog Server with an illegal syslog server.
	47. CPU In Yellow Health Status After Flashing IPMI FW 1.00.28. "System" tab on IPMI web GUI keeps turning yellow during "On/Off" test on IPMI version 01.00.28.
	48. BMC 1.02.55 failed to auto switch SAS controller i2c mode into PCIe mode. AOC-S3908L-H8iR-16DD is not recognized by the IPMI due to OOB protocol auto switch is not functional.
	49. Help page link naming confirm.
	50. IPMI config web session not saved.
	51. Not clear MEL when saving the hostname.
	52. BMC web GUI reporting link speed as 16GT/s for PCIe Gen 5 device instead of 32GT/s.
	53. All densors dropping during DC On/Off testing.
	54. BMC 1.00.25 failed to auto switch SAS controller i2c mode into PCIe mode.
	55. Web GUI AIOM temp shows not supported on Network AOC page but is good on the Sensor page.
	56. Wrongly clear preservation selection while clicking Power switch on the top right side.
	57. FD Reset ADMIN/ADMIN does not work after UID Button 12s Factory. FD Reset ADMIN/ADMIN does not work after factory default reset.
	58. Newly added link IPV6 addresses are unavailable.

	59. Multi Node attribute 'POST CODE' is wrong when translated to Japanese and Simple Chinese.
	60. The Introduction about Remote Control is incorrect at the HELP page.
	61. BMC reset for new SSL certificate to take effect.
	62. [AOC-SLG4-2H8M2] AOC-SLG4-8H2M2 BIOS boot mode is incorrect on Storage Monitoring.