IPMI Firmware Release Notes Form

Product Name	X11DSC+
Release Version	1.68
Release Date	4/26/2019
Previous Version	1.51
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Improved fan control efficiency. 2. Removed DIMM status sensor reading from WebUI and IPMITool. 3. Corrected "Trouble Shooting" to "Troubleshooting". 4. Corrected Redfish 500 error of being returned after stressing Redfish to request about 100 more times. 5. Set Redfish scheme to be case insensitive.
New features	1. Copied BM/BP/BS from FRU1 to FRU0 if they are empty. 2. Added CPU MRC event. 3. Added LSI3108 firmware update through I2C. 4. Updated Redfish API to 3/16/2018. 5. Added TAS HDD Driver events. 6. Added system maintenance event log for UID on/off. 7. Displayed DIMM status through IPMI/Web sensor reading and Redfish. 8. Added support for new NVMe CPLD/MCU firmware and Date Code Support. 9. Added Advanced Health Event log. 10. Adjusted AEP memory threshold. 11. Added support for BBP2 feature for PWS-1K01B-1R. 12. Added ability of SMCIPMITool to download Maintenance event log. 13. Added support for hostname in Syslog configuration, IPV4, and IPV6. 14. Sent FRU product name to LCD firmware. 15. Added support for LSI 3008/3216/3616 IT management without support for firmware update and logic volume management. 16. Added SPS FW downgrade enhancement & CLX CPU ID Check feature.

	17. Added support for AD/LDAP/RADIUS hostname.
	18. Added Riser support for AOC-SLG3-2M2.
Fixes	1. Fixed failure of Nagios test and Redfish Automation Tool test.
	2. Fixed failure of BIOS update upon entering ME recovery mode, fixed SUM, and fixed failure of test via SMSTC.
	3. Fixed incorrect M.2 SATA sensor type in the IPMI Event Log.
	4. Set all actions or at least 2 actions to the same hotkeys.
	5. Fixed missing foreign language translation for "Preference" settings in HTML5.
	6. Prevented invalid IP format on IP Access Control page.
	7. Fixed anti-rollback of BIOS.
	8. Removed clearing of license when clearing configuration.
	9. Fixed redfish/v1/Systems/1/Storage/HA-RAID/Volumes.
	10. Fixed missing warning message prompt when rolling back the BIOS from X11DPLI_8.615 (SPS: 4.0.04.340) to X11DPLI_7.B01 (SPS: 4.0.04.288).
	11. Changed 'event log' to 'health event log' and 'system event log' to 'maintenance event log'.
	12. Fixed inability to save and restore syslog configuration via maintenance->IPMI Configuration.
	13. Fix failure of FAN.
	14. Fixed excessive delay for temperature sensor reading.
	15. Fixed issue of IPMI Web GUI displaying LAN MAC twice.
	16. Fixed Maintenance Event Log and Health Event Log in Redfish.
	17. Fixed issue of "Save Uncompleted" message appearing when changing time and saving it on IPMI Web.
	18. Corrected CATERR-Assertion event sensor type from CATERR to Processor.
	19. Fixed problem of "Save Uncompleted" warning appearing on IPMI ECO improve item test.
	20. Fixed failure to add AD role group using SMCIPMITool.
	21. Fixed problem of system health status showing as critical during BIOS post.
	22. Fixed failure of Redfish storage volume actions.
	23. Fixed incorrect LSI enclosure and drive numbers on Redfish.
	24. Fixed problem of system health status showing as critical on WebUI during BIOS boot or IPMI update.
	25. Fixed failure of ME stress test.
	26. Fixed failure to launch Java SOL a second time.
	27. Fixed incorrect display of Memory size in LCD.
	28. Fixed incorrect retrieval of HDD size in SMCIPMITool.
	29. Fixed problem of false alert occurring for power supply overcurrent protection.
	30. Fixed issue of LCD displaying wrong PSU state when AC is lost.
	31. Fixed failure of ATT SM test "test_case#113.

| | 32. Fixed failure of IPMI ECO Redfish automated test.

33. Fixed problem of BMC resetting when deleting non-existing active directory group with SMCIPMITool.

34. Fixed inability to sort health event log by date but not time.

35. Fixed problem of all event severities showing as "information" when sending test alert.

36. Fixed issue of BMC reporting the wrong Inlet Temp to Node Manager.

37. Fixed problem of fan running in full speed when mode is changed from FullSpeed to Standard.

38. Fixed failure of IPMI ECO Redfish Automated test.

39. Fixed inability to set user privilege to "no access" via CMD.

40. Fixed issue with BMC memory leak.

41. Allow reading SMC power supply FRU.

42. Fixed issue of only one LSI sensor being shown if two of the same cards are installed.

43. Fixed problem of IPMI WebGUI receiving "Device @ 0 Group @ 0 Slot @ 0 Removed - Assertion" during AC on/off testing.

44. Fixed missing "Power Source" in IPMI WebGUI Server Health page.

45. Fixed problem with title alignment adjustment on Web pages after firmware update.

46. Fixed problem of IPMI wrongly parsing PCIe correctable error to other description.

47. Fixed problem of Time Stamp displaying 1970/01/01 in health event log during AC on/off test.

48. Added support for the UEFI PXE boot device via Redfish.

49. Fixed inability of SUM to trigger BMC to execute PCH reset action when SPS is downgraded.

50. Patched CVE-2019-6260 pantsdown security fix.

51. Fixed issue of random aux rev sometimes.

52. Improved BMC remote KVM and remote power control.

53. Allow special characters &~`!@#$%^*()_-+={[}]|\:;"'<,>.?/ for username and password in IPMITool.

54. Improved top menu refresh link after AD configuration.

55. Fixed failure to accept the special characters on the share host field.

56. Fixed issue of 12V sensor reading being higher than onboard measurement value.

57. Corrected fan curve for VRM and DIMM under standard mode.

58. Fixed issue of Power Supply Sensor (60 Bay). |