IPMI Firmware / BIOS Release Notes Form

Product Name	**X10SDD-F**
Release Version	**3.72**
Release Date	**5/15/2018**
Previous Version	**3.45**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	**1. Added support for Redfish firmware inventory (BIOS/BMC update).** **2. Improved multi-language content on the iKVM/HTML5 option menu and submenu.** **3. Changed the license requirement of WebGUI syslog from DCMS to OOB.** **4. Renamed Redfish APIs as follows: from /redfish/v1/UpdateService/SSL to /redfish/v1/UpdateService/SSLCert, and from /redfish/v1/UpdateService/SSL/Actions/SSL.Upload to /redfish/v1/UpdateService/SSLCert/Actions/SSLCert.Upload.** **5. Upgraded NTP package to 4.2.8p9 for security issue CVE-2016-7434.** **6. Added ability to save BIOS diagnostic file into BMC by OOB command.**

	7. Revised Redfish "Actions" for clearing event log.
New features	1. Enabled AC Power On Event log. 2. Added Redfish memory information feature. 3. Added 204 and 405 http status code support for Redfish API so that 204 http status code responds to APIs that support PATCH and 405 http status code responds to APIs that do not support PATCH. 4. Nested ICANN domain in "OEM" part if there is data to show. 5. Added ability to filter out false alarm CATERR. 6. Added Redfish support for new APIs. 7. Added ability to download CATERR dump data for tech support team to analyze. 8. Added Redfish support for storage APIs. 9. Added support for SEL Almost Full log (75%) and SEL Full log (99%). 10. Added new Redfish features for downloading and uploading IPMI configuration.
Fixes	1. Set AC Power On Event log to be reported when BMC executes cold reboot. 2. Fixed failure of SUM 2.0.1 Test. 3. Fixed failure of SUM "Test_case_215 Outband - ChangeBmcCfg and compare". 4. Fixed inability to disable LDAP Authentication immediately after enabling it. 5. Fixed problem of product serial number being incorrect when it is longer than 15 characters and written in IPMI FRU. 6. Fixed problem of secondary NTP server becoming empty after BMC is restored to default. 7. Fixed inability to handle SMTP Port Number correctly. 8. Fixed problem of unexpected alert occurring when changing date and time settings.

	9. Fixed ability of operator level access to reset iKVM.
	10. Fixed issue of insufficient information for POST Storage.CreateVolume.
	11. Fixed inability of IPMI to handle uppercase IPv6 address.
	12. Fixed problem of POST action on /redfish/v1/UpdateService/SSL being allowed.
	13. Fixed problem of SUM ECO tests failing to run.
	14. Fixed problem of BIOS/IPMI SEL DIMM location not matching the motherboard silkscreen.
	15. Fixed problem of some digit keys not working when French keyboard layout is selected.
	16. Fixed problem of IPMI Web Session value not loading the default after IPMI is set to factory default.
	17. Fixed inability of BIOS diagnostic tool to save logs.
	18. Fixed inability of iReasoning MIB Browser (SNMP) to retrieve sensor data.
	19. Fixed inability to change BMC configuration file by OutBand/InBand command.
	20. Fixed problem of health condition showing as "OK" when power supply status is absent.
	21. Enabled update of 3108's firmware over BMC's Web page.
	22. Fixed problem of Redfish 500 being returned when NetworkProtocol is patched after factory default.
	23. Fixed grammar error on Event Log page.