

## IPMI Firmware Release Notes

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<b>Product Name</b>	X10SLD-F/HF and X10SLE-DF/F/HF
<b>Release Version</b>	3.86
<b>Build Date</b>	11/15/2019
<b>Previous Version</b>	3.84
<b>Update Category</b>	Critical
<b>Dependencies</b>	None
<b>Important Notes</b>	None
<b>Enhancements</b>	1. Merged X11 SMASH overflow and rearrange method.
<b>New features</b>	1. Added BMC firmware solution to program and store unique pre-programmed password.
<b>Fixes</b>	1. Corrected problem hostname containing timestamp after updating IPMI firmware. 2. Allow modifying username with space. 3. Corrected iKVM display of "Virtual Media". 4. Corrected inability to launch SOL window. 5. Corrected message that is displayed when iKVM port is unchecked. 6. [X10SLD-F/HF] Corrected power LED.

## **Release Notes from Previous Release(s)**

### **3.81 (5/28/2019)**

1. Added patch for CVE-2019-6260 pantsdown.
2. Migrated the IPMI Event Log to the URL "redfish/v1/Systems/1/LogServices" in Redfish and changed the name "Event Log" to "Health Event Log" in Redfish and Web UI.
3. Set the MAC address format to revert to "xx:xx:xx:xx:xx:xx" in order to prevent backward compatibility.
4. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition.
5. Corrected SNMP behavior and made it identical with X11.
6. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.
7. Added support for Node Manager feature in Redfish.
8. Added new feature for GUID/BoardID in Redfish.
9. Added new feature for event data extension in Redfish.
10. Added Redfish support for TaskMonitor.
11. Fixed incorrect number of spaces between two words.
12. Fixed inability to set NM power policy by Redfish API.
13. Fixed failure to add AD group name and domain using SMCIPMITool.
14. Fixed inability to open Java IKVM when domain name is used to log in to BMC.
15. Fixed failure of KCS, sensor reading, and some commands.
16. Fixed inability to open 4th IKVM Session via Redfish.
17. Updated IPMI BMC/Onboard LAN MAC address to "00:00:00:00:00:00".
18. Fixed the inconsistency in format of an IP address on System page.
19. Fixed incorrect number of spaces between two words.
20. Fixed inconsistency in format of BMC MAC address.
21. Fixed problem of power consumption history showing minimum power as 0W.
22. Fixed incorrect grammar of some text.
23. Fixed problem of 'M' not following after one period in 'R.P.M'.
24. Fixed incorrect grammar in the alert Window.
25. Fixed failure of Alert email function.
26. Fixed inability to delete Role Group in Active Directory page.
27. Fixed timeout of Invalid Default Active Directory when IPMI 3.73 Redfish test has 1 failed item.
28. Fixed failure of the button to switch to upload in floppy disk after unmounting a file.
29. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content.

### **3.72 (5/15/2018)**

1. Revised Redfish "Actions" for clearing event log.
2. Added new Redfish features for downloading and uploading IPMI configuration.
3. Enabled AC Power On Event log.
4. Added Redfish memory information feature.
5. Fixed problem of Redfish 500 being returned when NetworkProtocol is patched after factory default.
6. Fixed grammar error on Event Log page.
7. Set AC Power On Event log to be reported when BMC executes cold reboot.

### **3.66 (1/30/2018)**

1. Changed the license requirement of WebGUI syslog from DCMS to OOB.
2. 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.*

- 3. Added support for Pascal P4 GPU.*
- 4. Added ability to save BIOS diagnostic file into BMC by OOB command.*
- 5. Improved multi-language content on the iKVM/HTML5 option menu and submenu.*
- 6. Added support for Redfish firmware inventory (BIOS/BMC update).*
- 7. 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.*
- 8. Nested ICANN domain in "OEM" part if there is data to show.*
- 9. Added ability to filter out false alarm CATERR.*
- 10. Added Redfish support for new APIs.*
- 11. Added ability to download CATERR dump data for tech support team to analyze.*
- 12. Added support for SEL Almost Full log (75%) and SEL Full log (99%).*
- 13. Fixed problem of secondary NTP server becoming empty after BMC is restored to default.*
- 14. Fixed inability to handle SMTP Port Number correctly.*
- 15. Fixed problem of unexpected alert occurring when changing date and time settings.*
- 16. Fixed ability of operator level access to reset iKVM.*
- 17. Fixed inability of IPMI to handle uppercase IPv6 address.*
- 18. Fixed problem of POST action on /redfish/v1/UpdateService/SSL being allowed.*
- 19. Fixed problem of SUM ECO tests failing to run.*
- 20. Fixed problem of BIOS/IPMI SEL DIMM location not matching the motherboard silkscreen.*
- 21. Fixed problem of some digit keys not working when French keyboard layout is selected.*
- 22. Fixed problem of IPMI Web Session value not loading the default after IPMI is set to factory default.*
- 23. Fixed inability of BIOS diagnostic tool to save logs.*
- 24. Fixed inability of iReasoning MIB Browser (SNMP) to retrieve sensor data.*
- 25. Fixed failure of SUM test in SUM 1.7.0.*
- 26. Fixed inability to change BMC configuration file by OutBand/InBand command.*
- 27. Fixed problem of health condition showing as "OK" when power supply status is absent.*
- 28. Fixed problem of console windows jumping from background to foreground when a new character appears on the screen.*
- 29. Fixed failure of "iKVM Reset" function.*
- 30. Fixed failure of SUM 2.0.1 Test.*
- 31. Fixed failure of SUM "Test\_case\_215 Outband - ChangeBmcCfg and compare".*
- 32. Fixed inability to disable LDAP Authentication immediately after enabling it.*
- 33. Fixed problem of product serial number being incorrect when it is longer than 15 characters and written in IPMI FRU.*

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*Product Manager*

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