

## IPMI Firmware Release Notes Form

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<b>Product Name</b>	<b>X11SCL-IF</b>
<b>Release Version</b>	<b>1.23.06</b>
<b>Build Date</b>	<b>9/30/2020</b>
<b>Previous Version</b>	<b>1.23.04</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<b>1. Patched files for dropbear-2019.78 and updated the Dropbear SSH to the latest version (2019.78).</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>1. Corrected error message from 'User name must be 4~16 characters.' To 'User name must be 4~15 characters.' 2. Corrected typo in SSL Certification confirm window. 3. Fixed problem of user being permanently locked out after exceeding lockout times by SMCIPMITool. 4. Fixed problem of BMC issuing multiple alerts when hard drive fails. 5. Fixed problem of nonfunctional "Virtual Media" tab displaying on iKVM/HTML5. 6. Fixed failure of OOB flash of BIOS from ECO to OEM BIOS, failure of BIOS to pass the secure validation, and inability to apply "LC019_X11DPFR_2U_20200804.v1.rom_Signed".</b>

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

### **1.23.04 (11/15/2019)**

1. Corrected verification of the concatenate string of unique password.
2. Fixed ability to clear unique password using raw command 0x30 0x74 0x2.
3. Fixed ability to remove unique password set bit by IPMITool raw command.
4. Corrected response 204 when posting factory default with invalid option value on Redfish and response 503 when posting factory default with empty body on Redfish.
5. Fixed failure of Java KVM to block Virtual Media section and show warning message when virtual media port is disabled.
6. Fixed missing new load factory default options for IPMICFG/SMCIPMITool/Redfish for IPMI firmware 1.71.7.
7. Fixed inconsistent behavior for factory function with firmware 1.71.7.
8. Corrected message for Delete User Without Selecting Slot.

### **1.23.2 (8/30/2019)**

1. Added support for third number (build version) of IPMI firmware version.
2. Added BMC Account Security.
3. Added modification for event severity.
4. Enabled sending all event logs (Health & Maintenance) to Syslog server.
5. Added UefiPxe to Redfish System boot order.
6. Fixed problem of SEL showing error message after AOC-S3108 updates firmware.
7. Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.
8. Fixed issue with IPMI web formatting for system.
9. Fixed failure of STAC Redfish automation test and inability to access Redfish with RADIUS session after factory default.
10. Fixed problem of IPMI RADIUS authentication client returning Localhost IP In NAS-IP-Address/, malfunction of IPMI RADIUS authentication if authentication is delayed for over 3 seconds, and problem of IPMI RADIUS authentication violating attribute 26 specification.
11. Fixed incorrect KEYPAD \* and + key maps via IPMI iKVM console and KEYPAD on physical keyboard.
12. Fixed incompatibility of IPMI after update.
13. Fixed failure to preserve the BMC configuration from release version to new version.
14. Fixed problem of IPMI WebGUI system status showing as critical after CPU overheat de-assertion.

### **1.22 (5/13/2019)**

1. Added patch for CVE-2019-6260 pantsdown.
2. Fixed malfunction of KVM and remote control after using SSH in SMASH with AD account.
3. Fixed issue of the system showing a very long load time when the BIOS update starts without any messages on the IE browser.
4. Fixed grammar error on the Alert page.