IPMI Firmware Release Notes

Product Name	**X11SRA-(R)F**
Release Version	**1.31.04**
Build Date	**1/20/2021**
Previous Version	**1.31.03**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	**1. Adjusted low fan threshold to 200, 300, and 500 RPM.**
New features	**N/A**
Fixes	**1. Patched for issue with X11SRA beep sound.** **2. Corrected error message from 'User name must be 4~16 characters.' To 'User name must be 4~15 characters.'** **3. Corrected typo in SSL Certification confirm window.** **4. Fixed problem of user being permanently locked out after exceeding lockout times by SMCIPMITool.**

1.31.03 (4/15/2020)

1. Enabled CSRF feature.
2. Fixed conflict between X11SRA U.2 and M.2.

1.30 (5/20/2019)

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 problems of the sessions timing out after accessing system event log page and of BMC continuously rebooting.
4. Fixed problem of inconsistent return codes (200, 500, 503) occurring from BMC using ApacheBench.
5. Fixed problem of default LDAP port not matching WebGUI.
6. Fixed incorrect message appearing on iKVM/HTML5 page when disabling IKVM port.
7. Fixed inability to remove DNS server IPv6 address.
8. Corrected 12V sensor threshold.

1.21 (6/22/2018)

1. Improved multi-language content on the iKVM/HTML5 option menu and submenu.
2. Improved the help message descriptions to follow Help Menu Suggestions v1.8.
3. Added U.2 NVMe SSD temperature monitoring.
4. Fixed failure of FAN PWM on NVMe HDD.
5. Fixed inability of IPMI to show System Event Log.
6. Fixed missing default timeout value on Redfish when accessing Manager's ActiveDirectory.
7. Fixed problem of fan control of U2NVMeSSD1 and U2NVMeSSD2 not affecting temperatures.
8. Fixed inability to patch IP Access Enabled key with 500 Internal Error on Redfish.
9. Fixed missing "Thermal Trip" event in IPMI SEL.