

## IPMI Firmware Release Notes

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<b>Product Name</b>	<b>X11SRM-(V)F</b>
<b>Release Version</b>	<b>1.31.03</b>
<b>Release Date</b>	<b>4/15/2020</b>
<b>Previous Version</b>	<b>1.31.02</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. Enabled CSRF feature.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>N/A</b>

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

##### **1.31.2 (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.

##### **1.31.1 (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 failure to preserve the BMC configuration from release version to new version.
9. Fixed problem of IPMI WebGUI system status showing as critical after CPU overheat de-assertion.
10. Fixed issue with IPMI web formatting for system.
11. Fixed failure of STAC Redfish automation test and inability to access Redfish with RADIUS session after factory default.
12. 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.
13. Fixed incorrect KEYPAD \* and + key maps via IPMI iKVM console and KEYPAD on physical keyboard.
14. Fixed incompatibility of IPMI after update.

##### **1.29 (3/22/2019)**

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 the problem of inconsistent return codes (200, 500, 503) being displayed from the BMC when using ApacheBench.
5. Set default LDAP port to match WebGUI.
6. Fixed incorrect message appearing on iKVM/HTML5 page when disabling iKVM port.
7. Fixed inability to remove DNS server IPv6 address.

**1.21 (6/22/2018)**

- 1. Implemented workaround for X11SRM to change GPIOE3 to OpenDrain.*
- 2. Fixed missing IPMI sensor after disabling "IPMI Extended Instruction".*
- 3. Fixed missing default timeout value on Redfish when accessing Manager's ActiveDirectory.*
- 4. Fixed inability to patch IP Access Enabled key with 500 Internal Error on Redfish.*
- 5. Fixed missing "Thermal Trip" event in IPMI SEL.*