IPMI Firmware Release Notes Form

Product Name	**X11SSL-F/X11SSM-F**
Release Version	**1.64**
Release Date	**10/26/2022**
Previous Version	**1.60**
Update Category	**Critical**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. **Added the VRM block mechanism.** 2. **Signed FW supported.**
New features	**None**
Fixes	1. **Refresh button will remount unmounted floppy disk.** 2. **Warning message pops up when redirected back to the IPMI Configuration tab.** 3. **Network Privilege changed after deleting the user through SMCIPMITool.** 4. **The behavior doesn't correspond to the pop-up message when adding an IP Address/Mask.** 5. **Incorrect message alert for maximum length of username.** 6. **Wording issue under Hardware Information page.**

1.60 (2/10/2020)

1. Implemented Security Fix.

1.56 (12/20/2019)

1. Added BMC firmware solution to program and store unique pre-programmed password.
2. Fixed inability to connect to IPMI Web after updating firmware by IPMIView.
3. Fixed failure of Automation Robot.
4. Fixed problem of IPMI execution exception occurring when performing a BIOS update.

1.54 (4/16/2019)

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. Added parameter (SkipCheckingME) for BIOS EnterUpdateMode in Redfish to skip ME checking.
6. Added support for TaskService feature during BIOS, BMC, and Broadcom storage controller update in Redfish.
7. Added new feature for GUID/BoardID in Redfish.
8. Added new feature for event data extension in Redfish.
9. Fixed failure of Redfish API test, failure of Redfish Automation tool check, inability of /redfish/v1/Managers/1/VM1/CfgCD/Actions/ path to match URI path, and inability to retrieve memory information from Redfish (postman).
10. Fixed failure of Nagios test.

1.48 (6/15/2018)

1. Added Redfish memory information feature.
2. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content and only supporting English.
3. Fixed timeout of Invalid Default Active Directory.
4. Fixed failure of Redfish automation test.