

IPMI Firmware Release Notes

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Product Name	X11SSM-F
Release Version	1.66
Build Date	2/14/2023
Previous Version	1.63
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Increased ME retries.2. Added VRM block mechanism.3. Signed FW supported.
New features	N/A
Fixes	<ol style="list-style-type: none">1. IPMI ver.1.63 malfunctional.2. Performed automation test and found that the PCH temperature is lower than 10°C.3. Web UI -- FRU information can't display current information correctly.4. IPMI Configuration cannot restore Destination IP address for Alert page.

5. **Shouldn't have pop ups when selecting the IPMI Configuration page.**
6. **Page goes white after enabling Dynamic Update. Shouldn't be allowed to save when uploading an invalid file as TSIG key and private file on DDNS page.**
7. **404 return code after canceling FW upgrade progress.**
8. **Remote function button is not working in the iKVM/HTML5 windows. Click the button without action. IPMI ver.1.63 malfunctional. The toolbar in the iKVM HTML5 console didn't work.**
9. **Number of Miscellaneous Summary Page lists do not match with left sidebar. Number of Maintenance Summary Page lists do not match with left sidebar. Number of Remote Control Summary Page lists do not match with left sidebar.**
10. **Refresh button will remount unmounted floppy disk.**
11. **Warning message pops up when redirected back to the IPMI Configuration tab.**
12. **Network Privilege changed after deleting a user through SMCIPMITool.**
13. **The behavior doesn't correspond to the pop-up message when adding IP Address/Mask.**
14. **Incorrect message alert for the maximum length of a username.**
15. **Wording issue under Hardware Information page.**

Release Notes from Previous Release(s)

1.63 (9/4/2020)

1. *Implemented security fix.*
2. *Fixed problem of unmount button remaining clickable after unmounting on Floppy Disk page.*
3. *Fixed failure to enable the upload button after unmounting device on Floppy Disk page.*
4. *Fixed problem of garbage value showing on Users page.*
5. *Fixed malfunction of Power Control Operations and failure of "power on" function via UI page.*
6. *Fixed inability to restore some settings after reloading saved IPMI Configuration file.*
7. *Fixed inconsistency of prompt message after deleting Group Name of AD.*

1.58 (11/20/2019)

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.*

1.56 (8/30/2019)

1. *Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.*
2. *Fixed ability of User Network Privilege to stay in Syslog page.*
3. *Fixed issue with IPMI web formatting for system.*
4. *Fixed inability to set Hostname back to empty field.*
5. *Fixed failure of Java iKVM virtual media mount authentication.*
6. *Fixed centering of new date/firmware during IPMI WebGUI BIOS/IPMI firmware update.*
7. *Set Port # to 389 when LDAP Authentication is enabled.*
8. *Fixed inability to close pop-up window, problem of pop-up window showing incorrect information once an invalid Port # is entered, and problem of inputting an invalid Port under Port configuration locking user in an infinite loop of pop-up messages until refreshing.*
9. *Fixed failure of STAC Redfish automation test.*
10. *Fixed ability of RADIUS to set port to an invalid value.*
11. *Fixed ability of Active Directory to input invalid group domain.*
12. *Fixed ability of Active Directory to save blank Domain Controller Server Address IP.*
13. *Fixed ability of NTP Server to input invalid values for both Primary NTP Server and Secondary NTP Server.*
14. *Fixed ability of Alert to input invalid Destination IP.*
15. *Fixed ability of SNMPV3 to save an invalid Auth Key and Private Key, and SNMPV3 to save an invalid User Name.*

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.*

Product Manager

Date