

## IPMI Firmware Release Notes

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<b>Product Name</b>	<b>X11SSH-(LN4)F</b>
<b>Release Version</b>	<b>1.68</b>
<b>Build Date</b>	<b>08/10/2023</b>
<b>Previous Version</b>	<b>1.67</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>N/A</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>1. Security Fixes: CVE-2023-40287, CVE-2023-40288, CVE-2023-40286, and CVE-2023-33413.</b>

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

### **1.67 (04/07/2023)**

1. Increased ME retries.
2. VRM block mechanism battery voltage did not update in some motherboards.
3. Added VRM block mechanism.
4. Signed FW supported.
5. Can save invalid domain addresses in AD server setting.
6. IP Access Control Add and Modify Rule shows blocking error message even when not saving.
7. Floppy upload does not check the file size.
8. IKVM recorded file cannot be played.
9. Redfish cannot reset time zone to 00:00.
10. IPMI ver.1.63 malfunctional.
11. PCH temperature is lower than 10° C.
12. FRU information can't display current information correctly.
13. Configuration cannot restore Destination IP address for Alert page.
14. Shouldn't have pop ups when selecting IPMI Configuration page.
15. Page goes white after enabling Dynamic Update. Shouldn't allow to save when uploading invalid file as TSIG key and private file on DDNS page.
16. 404 return code after canceling FW upgrade progress.
17. Remote function button is not working in iKVM/HTML5 windows.
18. Number of Miscellaneous Summary Page lists did not match with left sidebar. Number of Maintenance Summary Page lists did not match with left sidebar. Number of Remote Control Summary Page lists did not match with left sidebar.
19. Refresh button will re-mount unmounted floppy disk.
20. Warning message pops up when redirected back to IPMI Configuration tab.
21. Network Privilege changed after deleting user through SMC IPMI Tool.
22. The behavior doesn't correspond to the pop-up message when adding IP Address/Mask.
23. Incorrect message alert for maximum of username length.
24. Wording issue under Hardware Information page.

### **1.63 (9/4/2020)**

1. Fixed problem of unmount button remaining clickable after unmounting on Floppy Disk page.
2. Fixed problem of garbage value showing on Users page.
3. Fixed malfunction of Power Control Operations and failure of "power on" function via UI page.
4. Fixed inability to restore some settings after reloading saved IPMI Configuration file.
5. 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.*

### **1.55 (4/19/2019)**

1. *Added patch for CVE-2019-6260 pantsdown.*
2. *Migrated IPMI Event Log to the URL "redfish/v1/Systems/1/LogServices" in Redfish and renamed the function name from "Event Log" to "Health Event Log" in Redfish & 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 FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition.*
5. *Added parameter (SkipCheckingME) for BIOS EnterUpdateMode in Redfish to skip ME checking.*
6. *Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish.*
7. *Added support for Node Manager feature in Redfish.*
8. *Added new feature for GUID/BoardID in Redfish.*
9. *Added new feature for event data extension in Redfish.*
10. *Fixed inability of Redfish /redfish/v1/Managers/1/VM1/CfgCD/Actions/ path to match URI path.*
11. *Fixed failure of Nagios test.*
12. *Fixed centering of new date/firmware during IPMI WebGUI BIOS/IPMI firmware update.*
13. *Set Port # to 389 when LDAP Authentication is enabled.*
14. *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.*
15. *Fixed issue with IPMI web formatting for system.*
16. *Fixed failure of STAC Redfish automation test.*
17. *Fixed ability of RADIUS to set port to an invalid value.*
18. *Fixed ability of Active Directory to input invalid group domain.*
19. *Fixed ability of Active Directory to save blank Domain Controller Server Address IP.*
20. *Fixed ability of NTP Server to input invalid values for both Primary NTP Server and Secondary NTP Server.*
21. *Fixed ability of Alert to input invalid Destination IP.*
22. *Fixed failure to enter MEoperational mode.*
23. *Fixed ability of SNMPV3 to save an invalid Auth Key and Private Key, and SNMPV3 to save an invalid User Name.*

### **1.45 (2/6/2018)**

1. *Improved multi-language content on the iKVM/HTML5 option menu and submenu.*
2. *Fixed problem with logging in on web page.*
3. *Fixed failure of Redfish automation test.*
4. *Fixed problem of system showing that IPMI execution exception occurred while executing SUM test.*

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*Product Manager*

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