

IPMI Firmware Release Notes

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Product Name	X11SSL-CF/NF
Release Version	1.68
Build Date	8/10/2023
Previous Version	1.64
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	none
New features	N/A
Fixes	<ol style="list-style-type: none">1. Can save invalid domain addresses in AD server setting.2. IP Access Control Add and Modify Rule shows blocking error message even when not saving.3. IPMI ver.1.63 malfunctioned.4. IPMI Configuration could not restore Destination IP address for Alert page.5. Shouldn't have pop ups when selecting IPMI Configuration page.

	<ul style="list-style-type: none">6. Page went white after enabling Dynamic Update. Shouldn't allow to Save when uploading invalid file as TSIG key and private file on DDNS page.7. Remote function button did not work in iKVM/HTML5 windows. Click the button without action. IPMI ver.1.63 malfunctioned. The toolbar in the iKVM HTML5 console didn't work.8. Number of Miscellaneous Summary Page lists did not match with the left sidebar. Number of Maintenance Summary Page lists did not match with the left sidebar. Number of Remote Control Summary Page lists did not match with the left sidebar.9. Security Fixes: CVE-2023-40287, CVE-2023-40288, CVE-2023-40286, and CVE-2023-33413.
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1.64 (10/26/2022)

1. *Added VRM block mechanism.*
2. *Signed FW supported.*
3. *Refresh button will remount unmounted floppy disk.*
4. *Warning message pops up when redirected back to the IPMI Configuration tab.*
5. *Network Privilege changed after deleting a user through the SMCIPMITool.*
6. *The behavior doesn't correspond to the pop-up message when adding an IP Address/Mask.*
7. *Incorrect message alert for maximum of length of a username.*
8. *Wording issue under the 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. *Fixed failure of Automation Robot.*
2. *Added BMC firmware solution to program and store unique pre-programmed password.*
3. *Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.*
4. *Fixed ability of User Network Privilege to stay in Syslog page.*
5. *Fixed issue with IPMI web formatting for system.*
6. *Fixed inability to set Hostname back to empty field.*
7. *Fixed failure of Java iKVM virtual media mount authentication.*
8. *Fixed centering of new date/firmware during IPMI WebGUI BIOS/IPMI firmware update.*
9. *Set Port # to 389 when LDAP Authentication is enabled.*
10. *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.*
11. *Fixed failure of STAC Redfish automation test.*
12. *Fixed ability of RADIUS to set port to an invalid value.*
13. *Fixed ability of Active Directory to input invalid group domain.*
14. *Fixed ability of Active Directory to save blank Domain Controller Server Address IP.*
15. *Fixed ability of NTP Server to input invalid values for both Primary NTP Server and Secondary NTP Server.*
16. *Fixed ability of Alert to input invalid Destination IP.*
17. *Fixed ability of SNMPV3 to save an invalid Auth Key and Private Key, and SNMPV3 to save an invalid User Name.*
18. *Fixed inability to connect to IPMI Web after updating firmware by IPMIView.*
19. *Fixed problem of IPMI execution exception occurring when performing a BIOS update.*
20. *Fixed failure of Redfish automation test.*

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.*