

IPMI Firmware Release Notes

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Product Name	X11SSH-G(T)F-1585(L)
Release Version	1.68
Release Date	8/10/2023
Previous Version	1.64
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	None
New features	None
Fixes	1. Security Fixes: CVE-2023-40287, CVE-2023-40288, CVE-2023-40286, and CVE-2023-33413.

1.64 (2/20/2020)

1. *Added the 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 the user through SMCIPMITool.*
6. *The behavior doesn't correspond to the pop-up message when adding an IP Address/Mask.*
7. *Incorrect message alert for maximum length of a username.*
8. *Wording issue under Hardware Information page.*

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 problem of many "VCCSA voltage going Low" event logs occurring after idle overnight.*
19. *Fixed inability to connect to IPMI Web after updating firmware by IPMIView.*
20. *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 support for Node Manager feature in Redfish.*
8. *Added new feature for GUID/BoardID 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 (6/15/2019)

1. *Patched an empty JSON payload "{}" so that a 204 http status code responds to APIs that support PATCH, while a 405 http status code responds to APIs that do not support PATCH.*
2. *Nested ICANN domain in "OEM" part if there is data to show.*
3. *Renamed Redfish APIs as follows: from /redfish/v1/UpdateService/SSL to /redfish/v1/UpdateService/SSLCert, and from /redfish/v1/UpdateService/SSL/Actions/SSL.Upload to /redfish/v1/UpdateService/SSLCert/Actions/SSLCert.Upload.*
4. *Changed the license requirement of WebGUI syslog from DCMS to OOB.*
5. *Added Redfish memory information feature.*
6. *Added Redfish support for new APIs.*
7. *Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content and only supporting English.*
8. *Fixed timeout of Invalid Default Active Directory when IPMI 3.73 Redfish test has 1 failed item.*
9. *Fixed failure of Redfish automation test.*
10. *Fixed failure of Redfish automation tool check test.*
11. *Fixed problem of SUM receiving the wrong completion code C0 after SUM GetBmcCfg/ChangeBmcCfg command is issued.*
12. *Fixed problem of web page logging.*
13. *Improved multi-language content on the iKVM/HTML5 option menu and submenu.*
14. *Fixed inability of DCMS mods to enable Syslog function and ability to read Syslog without OOB key.*
15. *Fixed problem of system hanging at POST stage, IERR occurring, and some affiliated HDDs within 3108 being lost when systems installed with 3108 AOC run cburn ON/OFF test.*
16. *Fixed problem of some digit keys not working when French keyboard layout is selected.*