

IPMI Firmware Release Notes

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Product Name	X11SSW-(4)TF
Release Version	1.68
Build Date	08/10/2023
Previous Version	1.66
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Updated the VRM block mechanism test method.
New features	N/A
Fixes	1. Fixed saving invalid domain addresses in AD server setting. 2. Fixed BMC FW not passing the production sign check. 3. Fixed floppy upload not checking the file size. 4. Fixed no error message prompted when using spaces in an IP Access Control rule. 5. Fixed IP Access Control Add and Modify Rule showing blocking error message even when not saving. 6. Fixed IKVM recorded file not being playable. 7. Fixed Redfish not resetting timezone to 00:00. 8. Fixed 404 return code after cancel FW upgrade progress. 9. Security fixes: CVE-2023-40289, CVE-2023-40284, CVE-2023-40287, CVE-2023-40288, CVE-2023-40290, CVE-2023-40285, CVE-2023-40286.

1.66 (02/17/2023)

1. Increased ME retries.
2. VRM block mechanism battery voltage does not update in some motherboards.
3. Added VRM block mechanism.
4. Signed FW supported.
5. Performed automation test and found that the PCH temperature is lower than 10 °C.
6. Web UI -- FRU information can't display the current information correctly.
7. IPMI Configuration cannot restore the Destination IP address for the Alert page.
8. Shouldn't have pop ups when selecting the IPMI Configuration page.
9. Page goes white after enabling Dynamic Update. Shouldn't allow to Save when uploading invalid file as TSIG key and private file on the DDNS page.
10. 404 return code after canceling the firmware upgrade progress.
11. Remote function button is not working in the iKVM/HTML5 windows. IPMI -- Click the button without any action. IPMI ver.1.63 malfunctional. The toolbar in the iKVM HTML5 console didn't work.
12. Number of Miscellaneous Summary Page lists are not match with left sidebar. Number of Maintenance Summary Page lists are not match with left sidebar. Number of Remote Control Summary Page lists do not match with the left sidebar.
13. Refresh button will remount the unmounted floppy disk.
14. Warning message pops up when redirected back to the IPMI Configuration tab.
15. Network Privilege changed after deleting a user through the SMCIPMITool.
16. The behavior doesn't correspond to the pop-up message when adding IP Address/Mask.
17. Incorrect message alert for the maximum length of a username.
18. Wording issue under Hardware Information page.
19. IPMI ver.1.63 malfunctional.

1.60 (2/10/2020)

1. Implemented security fix.

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 inability to connect to IPMI Web after updating firmware by IPMIView.
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 FirmwareInventory to SmcFirmwareInventory 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. *Added new feature for event data extension in Redfish.*
10. *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).*
11. *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.*

1.45 (2/6/2018)

1. *Improved multi-language content on the iKVM/HTML5 option menu and submenu.*
2. *Fixed failure of Redfish automation test.*
3. *Fixed problems of system showing that IPMI execution exception occurred while executing SUM test, wrong completion code C0 occurring after SUM GetBmcCfg/ChangeBmcCfg command is issued, and SUM Bioseco mode test failing.*
4. *Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content and only supporting English.*
5. *Fixed problem with logging in on web page.*
6. *Fixed problem of VCPU voltage high alert occurring during AC on/off test.*