IPMI Firmware Release Notes

Product Name	**X11SSH-(C)TF**
Release Version	**1.68**
Release Date	**08/10/2023**
Previous Version	**1.64**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. **Updated the VRM block mechanism test method.**
New features	**None**
Fixes	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. **Floppy upload does not check the file size** 4. **IKVM recorded file cannot be played.** 5. **Security Fixes: CVE-2023-40289, CVE-2023-40284, CVE-2023-40287, CVE-2023-40288, CVE-2023-40290, CVE-2023-40285, CVE-2023-40286.** 6. **No error message is prompted when using spaces in an IP Access Control rule.** 7. **404 return code after cancelling the FW upgrade progress.**

1.64 (10/26/2022)

1. *Refresh button will remount unmounted floppy disk.*
2. *Warning message pops up when redirected back to the IPMI Configuration tab.*
3. *Network Privilege changed after deleting a user through the SMCIPMITool.*
4. *The behavior doesn't correspond to the pop-up message when adding an IP Address/Mask*
5. *Incorrect message alert for maximum of length of a username.*
6. *Wording issue under the Hardware Information page.*

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 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.*

1.54 (4/16/2019)

1. 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.
2. Set the MAC address format to revert to "xx:xx:xx:xx:xx:xx" in order to prevent backward compatibility.
3. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition.
4. Added Redfish memory information feature.
5. Added patch for CVE-2019-6260 pantsdown.
6. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.
7. Added support for TaskService feature during BIOS, BMC, and Broadcom storage controller update in Redfish.
8. Added support for Node Manager feature in Redfish.
9. Added GUID/BoardID feature in Redfish.
10. Added new feature for event data extension in Redfish.
11. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content.
12. Fixed timeout of Invalid Default Active Directory when IPMI 3.73 Redfish test has 1 failed item.
13. Fixed failure of Redfish Automation test.
14. 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).
15. Fixed failure of Nagios test.

1.39 (7/25/2017)

1. 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.
2. Changed the license requirement of WebGUI syslog from DCMS to OOB.
3. 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.
4. Nested ICANN domain in "OEM" part if there is data to show.
5. Added Redfish support for new APIs.
6. Fixed inability of DCMS mods to enable Syslog function and ability to read Syslog without OOB key.
7. Fixed problem of some digit keys not working when French keyboard layout is selected.