

IPMI Firmware Release Notes

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Product Name	X11SSA-F/X11SSI-LN4F
Release Version	1.56
Release Date	8/30/2019
Previous Version	1.54
Update Category	Recommended
Dependencies	N/A
Important Notes	N/A
Enhancements	N/A
New features	N/A
Fixes	<ol style="list-style-type: none">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.6. Fixed centering of new date/firmware during IPMI WebGUI BIOS/IPMI firmware update.7. Set Port # to 389 when LDAP Authentication is enabled.8. 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.9. Fixed failure of STAC Redfish automation test.10. Fixed ability of RADIUS to set port to an invalid value.11. Fixed ability of Active Directory to input invalid group domain.12. Fixed ability of Active Directory to save blank Domain Controller Server Address IP.13. Fixed ability of NTP Server to input invalid values for both Primary NTP Server and Secondary NTP Server.14. Fixed ability of Alert to input invalid Destination IP.15. Fixed ability of SNMPV3 to save an invalid Auth Key and Private Key, and SNMPV3 to save an invalid User Name.

Release Notes from Previous Release(s)

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 `FirmwareInventory` to `SmcFirmwareInventory` 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.

1.48 (6/15/2018)

1. Improved multi-language content on the `iKVM/HTML5` option menu and submenu.
2. Added Redfish memory information feature.
3. Fixed failure of Redfish automation tool check test.
4. Fixed problem of system showing that IPMI execution exception occurred while executing SUM test.
5. Fixed problem of the help page of `iKVM/HTML5` console not supporting multi-language content and only supporting English.
6. Fixed timeout of Invalid Default Active Directory.
7. Fixed failure of Redfish automation test.
8. Fixed problem with logging in on web page.

1.43 (12/6/2017)

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. Fixed security vulnerability with NTP mode 6 scanner.
4. Improved multi-language content on the `iKVM/HTML5` option menu and submenu.
5. Added support for SEL circular buffer.
6. 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.
7. Nested ICANN domain in "OEM" part if there is data to show.
8. Added Redfish support for new APIs.
9. Fixed inability of DCMS mods to enable Syslog function and ability to read Syslog without OOB key.
10. Fixed problem of some digit keys not working when French keyboard layout is selected.
11. Fixed problem with logging in on web page.