

IPMI Firmware Release Notes Form

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Product Name	X11SRL-F
Release Version	3.75.15
Build Date	12/5/2022
Previous Version	3.74.19
Update Category	Critical
Dependencies	None
Important Notes	There is a significant difference between BMC 3.74.19 and 3.75.15, which may cause previous configuration to not be preserved. We suggest performing FW update without 'Preserve Configuration' and to re-configure afterward – FAQ 36380
Enhancements	<ol style="list-style-type: none">1. Optimized execution time on VRM utility.2. Enhanced display of user accounts with legal special characters in user list.3. Enhanced SATC Redfish automation.4. Enhanced auth access in some cases.5. Fixed IPMI automation having "User Name/Password verification failed."6. Fixed error message will popping up after cancelling upgrade.7. Improved behavior after adding a user name with "<>"8. Added error message when uploading an invalid TSIG key file and private file.9. Fixed IPMI ECO Redfish Automation Tool Check having four fails.
New features	N/A

Fixes	<ol style="list-style-type: none">1. Fixed Hardware Information page not showing information in Firefox.2. Fixed inability to save valid domain name on AD Page.3. Fixed the following issues:<ol style="list-style-type: none">a) Creation of anonymous account.b) Buffer overflow in ipmi_lan ASF protocol.c) Resolv.conf not being deleted.4. Fixed password breaking when it has a “\” character.5. Fixed hostname support for “!”.6. Fixed incorrect MEL when mounting an image failed.7. Fixed incorrect MEL when leaving syslog server address blank.8. Fixed use of VRM utilities when battery is installed.
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Release Notes from Previous Release(s)

3.74.19 (9/4/2020)

1. Fixed failure of OOB to flash BIOS from ECO to OEM BIOS and inability of BIOS to pass the secure validation.

3.74.14 (1/15/2020)

1. Implemented security fix.

3.74.10 (11/15/2019)

1. Added support for third number (build version) of IPMI firmware version.
2. Added BMC Account Security.
3. Added modification for event severity.
4. Enabled sending all event logs (Health & Maintenance) to Syslog server.
5. Added UefiPxe to Redfish System boot order.
6. Added BMC firmware solution to program and store unique pre-programmed password.
7. Fixed incorrect KEYPAD * and + key maps via IPMI iKVM console and KEYPAD on physical keyboard.
8. Fixed failure to preserve the BMC configuration from release version to new version.
9. Fixed problem of IPMI WebGUI system status showing as critical after CPU overheat de-assertion.
10. Fixed problem of SEL showing error message after AOC-S3108 updates firmware.
11. Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.
12. Corrected maximum allowed password length shown for /redfish/v1/AccountService MaxPasswordLength.
13. Fixed issue with IPMI web formatting for system.
14. Fixed failure of SATC Redfish automation test and inability to access Redfish with RADIUS session after factory default.
15. Fixed problem of IPMI RADIUS authentication client returning Localhost IP In NAS-IP-Address/, malfunction of IPMI RADIUS authentication if authentication is delayed for over 3 seconds, and problem of IPMI RADIUS authentication violating attribute 26 specification.
16. Fixed missing leading zero in minor version of /Managers/1/ FirmwareVersion.
17. Corrected verification of the concatenate string of unique password.
18. Fixed failure of Java KVM to block Virtual Media section and show warning message when virtual media port is disabled.