IPMI Firmware Release Notes

Product Name	**X11SRL-F**
Release Version	**3.75.21**
Build Date	**9/25/2023**
Previous Version	**3.75.15**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	**None**
New features	**N/A**
Fixes	1. **IPMI configuration backup file remote command execution.** 2. **Security Fixes: CVE-2023-40287, CVE-2023-40288, CVE-2023-40286, and CVE-2023-33413.** 3. **IP Access Control Add Rule 255.255.255.255 shows as 255.255.0.0 and able to add duplicates Copy Project Issue Link.** 4. **JAVA and Redfish KVM don't work when logged into the operator account on H12DST-B.** 5. **Syslog couldn't receive the system error log.** 6. **MEL displayed update successfully after uploading invalid SSL certification.**

3.75.15 (12/5/2022)

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 pop 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.
10. Fixed Hardware Information page not showing information in Firefox.
11. Fixed inability to save valid domain name on AD Page.
12. Fixed the following issues:
    a. Creation of anonymous account.
    b. Buffer overflow in ipmi_lan ASF protocol.
    c. Resolv.conf not being deleted.
13. Fixed password breaking when it has a "\" character.
14. Fixed hostname support for "!."
15. Fixed incorrect MEL when mounting an image failed.
16. Fixed incorrect MEL when leaving syslog server address blank.
17. Fixed use of VRM utilities when battery is installed.

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.*