

IPMI Firmware Release Notes

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| Product Name | X10SLA-F |
| Release Version | 3.86 |
| Build Date | 11/15/2019 |
| Previous Version | 3.72 |
| Update Category | Critical |
| Dependencies | None |
| Important Notes | None |
| Enhancements | <ol style="list-style-type: none">1. Patched CVE-2019-6260.2. Migrated IPMI Event Log to the URL "redfish/v1/Systems/1/LogServices" in Redfish and renamed the function name from "Event Log" to "System Management Log" in Redfish & Web UI.3. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.4. Changed FirmwareInventory to SmcFirmwareInventory to prevent conflict with Redfish standard definition.5. Merged X11 SMASH overflow and rearrange method. |
| New features | <ol style="list-style-type: none">1. Enabled population of NAS-Identifier (rfc2865, 5.32.0) with BMC-specific string.2. Added parameter (SkipCheckingME) for BIOS update in Redfish.3. Added support for TaskService feature during BIOS, BMC, and Broadcom storage controller update in Redfish.4. Added GUID/BoardID in Redfish.5. Added support for Redfish TaskMonitor. |

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| | <p>6. Implemented Redfish APIs for SSM / SUM.</p> <p>7. Added BMC firmware solution to program and store unique pre-programmed password.</p> |
| Fixes | <p>1. Display long AD domain names.</p> <p>2. Allow setting port number after changing the VM port.</p> <p>3. Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.</p> <p>4. Corrected sensor readings after sort.</p> <p>5. Corrected inability to add AD group name and domain in SMCIPMITool.</p> <p>6. Allow opening Java IKVM when domain name is used to login to BMC.</p> <p>7. Fixed malfunction of KCS, sensor reading, and some commands.</p> <p>8. Allow opening the 4th IKVM session in Redfish.</p> <p>9. IPMI BMC/Onboard LAN MAC no longer shows 00:00:00:00:00:00.</p> <p>10. Show consistent IP addresses on System page.</p> <p>11. Change SNMP behavior identical to X11.</p> <p>12. Corrected inconsistencies in BMC MAC address format.</p> <p>14. Improved email function.</p> <p>15. Allow deleting Role Groups in Active Directory page.</p> <p>16. Corrected timeout of Invalid Default Active Directory.</p> <p>17. Corrected Upload button behavior for floppy disk virtual media after unmounting a file.</p> <p>18. Multi-language support of iKVM/HTML5 console help page.</p> <p>19. Corrected inability to launch SOL window.</p> <p>20. Corrected formatting of display when logging in with long AD name.</p> <p>21. Corrected message that is displayed when IKVM port is unchecked.</p> <p>22. Fixed problem of the hostname showing "SMC-bs_2019-10-17_11:28:41" after updating IPMI firmware.</p> <p>23. Fixed ability to modify username with space.</p> <p>24. Corrected iKVM display of "Virtual Media".</p> |