## **IPMI Firmware**

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Product Name	X10SLH-F and X10SLM+-F
Release Version	3.81
Release Date	5/28/2019
<b>Previous Version</b>	3.72
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol> <li>Improved Redfish webserver stability/performance.</li> <li>Corrected "Trouble Shooting" to "Troubleshooting".</li> </ol>
New features	<ol> <li>Added support for AD/LDAP/RADIUS hostname.</li> <li>Added support for BBP2 PWS-1K01B-1R.</li> <li>Added syslog configuration support for IPv4 and IPv6 hostname.</li> <li>Added ability of SMCIPMITool to download Maintenance event log.</li> <li>Added advanced health event log.</li> </ol>
Fixes	<ol> <li>Patched CVE-2019-6260 pantsdown security fix.</li> <li>IPMITool no longer hangs due to special characters &amp;~`!@#\$%^*()+={[]] \:;"'&lt;,&gt;.?/ in username and password.</li> <li>Improved webUI displays after AD configuration.</li> <li>Corrected Java SOL not launching a second time.</li> <li>Removed BMC memory leak.</li> <li>Detect PWS-721P power supply.</li> <li>Allow reading SMC power supply FRU.</li> <li>Allow setting user privilege to No Access via cmd.</li> <li>Changed 'event log' to 'health event log' and 'system event log' to 'maintenance event log'.</li> <li>Allow saving and restoring syslog configuration via maintenance-</li> </ol>

>IPMI Configuration.

- 11. Prevent invalid IP format on IP Access Control page.
- 12. Clearing configuration no longer clears IP configuration.
- 13. Fixed issue with redfish/v1/Systems/1/Storage/HA-RAID/Volumes.
- 14. "Power Source" now shows up in IPMI WebGUI Server Health page.
- 15. Misc web page formatting.
- 16. IPMI no longer incorrectly parses PCIe correctable error to other description.
- 17. Added support for UEFI PXE boot device via Redfish.