

IPMI Firmware

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Product Name	X10DRL-LN4
Release Version	3.80
Release Date	3/22/2019
Previous Version	3.75
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Improved Redfish webserver stability/performance.
New features	1. Added support for AD/LDAP/RADIUS hostname.
Fixes	1. Patched CVE-2019-6260 pantsdown security fix. 2. IPMITool no longer hangs due to special characters &~`!@#\$\$%^*()_-=+{[] \:;'"<,>./ in username and password. 3. Improved webUI displays after AD configuration.

Release Notes from Previous Release(s)

3.75 (1/31/2019)

Enhancements

1. Corrected "Trouble Shooting" to "Troubleshooting".

New features

1. Added support for BBP2 PWS-1K01B-1R.
2. Added syslog configuration support for IPv4 and IPv6 hostname.
3. Added ability of SMCIPMITool to download Maintenance event log.
4. Added advanced health event log.

Fixes

1. Corrected Java SOL not launching a second time.
2. Removed BMC memory leak.
3. Detect PWS-721P power supply.
4. Allow reading SMC power supply FRU.
5. Allow setting user privilege to No Access via cmd.
6. Changed 'event log' to 'health event log' and 'system event log' to 'maintenance event log'.
7. Allow saving and restoring syslog configuration via maintenance->IPMI Configuration.
8. Prevent invalid IP format on IP Access Control page.
9. Clearing configuration no longer clears IP configuration.
10. Fixed issue with redfish/v1/Systems/1/Storage/HA-RAID/Volumes.
11. "Power Source" now shows up in IPMI WebGUI Server Health page.
12. Misc web page formatting.
13. IPMI no longer incorrectly parses PCIe correctable error to other description.
14. Added support for UEFI PXE boot device via Redfish.

3.72 (7/24/2018)

Enhancements

1. Upgraded NTP to version 4.2.8p10.
2. Hid unused power supply information on power source page.

New features

1. Added save button to WebUI Server Health->Sensor reading page.
2. Added support for GetSetBMCStatus command for TAS.
3. Added auto-refresh to sensor reading page.
4. Added support for NVIDIA GPU V100 (0x1DB4).
5. Added support for new fan curve in Thermal Design Guide v4.06.
6. Added support for new Redfish APIs.
7. Set system event log to record most configuring operations.
8. Copied BM/BP/BS from FRU1 to FRU0 if they are empty.
9. Added BMC firmware support for LSI3108 firmware update through I2C.
10. Synced system MAC and AOC MAC to Redfish without TAS.

Fixes

- 1. Set LDAP default IP address to 0.0.0.0.*
- 2. Corrected sometimes iKVM not working after iKVM reset.*
- 3. Display No Access User Network Privilege for No Access users.*
- 4. hostname is now erasable on the Network page.*
- 5. Power history record page will no longer time out due to abnormal power peak.*
- 6. Enabled AOC MAC address to be shown on System page without TAS.*
- 7. Power supply FRU is no longer empty in DMI after the AC is first powered on.*
- 8. Corrected chassis intrusion status in IPMITool chassis status.*
- 9. iKVM reset now closes iKVM console in all instances.*
- 10. IPMI now returns to the login page automatically after reloading IPMI Configuration.*
- 11. SMCIPMITool and WebGUI now show the same values for PSU FAN RPM.*
- 12. Corrected Port configuration page value checks.*
- 13. Syslog no longer displays abnormally.*
- 14. Corrected some situations where BMC settings and FRU get lost if BMC was updated from 3.16 to 3.55-3.59.*
- 15. Added device ID for sensor AOC_NIC_Temp.*
- 16. Some duplicated sensor information are removed.*
- 17. SNMP page no longer get into an abnormal mode.*
- 18. "404-Not Found" no longer displayed when "here" is clicked on Firmware Upload page.*
- 19. Corrected Patch BitRate in Redfish.*
- 20. Corrected Patch DateTime in Redfish.*
- 21. Sensor alerts can now be received by email or SNMP.*
- 22. Corrected date and time in Maintenance System Event Log.*
- 23. Progress display and actual UpdateBMC should now agree.*
- 24. Support OOB BIOS config.*
- 25. Failed DIMM location now matches motherboard silkscreen.*
- 26. Added missing sensors.*
- 27. Fixed the following APIs: /redfish/v1/Managers/1/VM1/CfgCD/Actions/IsoConfig.Mount, /redfish/v1/Managers/1/VM1/CfgCD/Actions/IsoConfig.UnMount, and /redfish/v1/Managers/1/IPAccessControl/FilterRule/[rule_num].*
- 28. 'CD-ROM Image' can now be mounted through web.*
- 29. IPMI no longer get filled with "Invalid Power offset" messages.*
- 30. SMCIPMITool "pminfo" no longer fails.*
- 31. Redfish no longer returns 500 when NetworkProtocol is patched after factory default.*
- 32. LAN configuration and power control no longer fails after BMC VLAN is enabled and LAN mode is changed.*
- 33. User name length can't be less than 4 characters.*
- 34. Existing KVM consoles no longer disconnects after launching the maximum of 4 sessions.*
- 35. Corrected missing alert, sensor error status, and blinking error LED when removing power supply.*
- 36. Corrected AD/LDAP/RADIUS conflict.*
- 37. Disallow setting actions to 2 or more hotkeys.*