IPMI Firmware Release Notes

Product Name	**X10DRT-H(IBF)**
Release Version	**3.84**
Release Date	**7/2/2019**
Previous Version	**3.70**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	**1. Fixed problem of Redfish returning error 500 after stress Redfish makes get request about 100 times.** **2. Updated copyright to 2014-2019.** **3. Corrected "Trouble Shooting" to "Troubleshooting".** **4. Set Redfish scheme to be case insensitive.**
New features	**1. Added support for AD/LDAP/RADIUS hostname.** **2. Added support for BBP2 PWS-1K01B-1R.** **3. Added syslog configuration support for IPv4 and IPv6 hostname.** **4. Added ability of SMCIPMITool to download Maintenance event log.** **5. Added advanced health event log.** **6. Copied BM/BP/BS from FRU1 to FRU0 if they are empty.** **7. Updated Redfish API to 3/16/2018.** **8. Added support for KCM privileges.** **9. Set IPv6 to disabled by default.** **10. Added IPv6 Static Router.** **11. Added display of all IPv4/IPv6 addresses on the sys_info page.**
Fixes	**1. Patched CVE-2019-6260.** **2. Fixed random occurrence of aux rev.** **3. Fixed problem of IPMITool in-band and out-band hanging because of the special characters &~`!@#$%^*()_-+={[}]|\:;"'<,>.?/ in username and password.** **4. Fixed malfunction of top menu refresh link after AD configuration.** **5. Fixed issue of no "Power Source" in IPMI Web GUI Server Health page in IPMI 3.74.** **6. Fixed problem with title alignment adjustment on Web pages after firmware update.** **7. Fixed problem of IPMI wrongly parsing PCIe correctable error to other description.**

8. Fixed problem of Time Stamp displaying 1970/01/01 in Health Event Log during AC on/off test.

9. Added support for the UEFI PXE boot device via Redfish.

10. Fixed failure to launch Java SOL a second time.

11. Fixed issue with BMC memory leak.

12. Fixed inability to read SMC power supply FRU.

13. Fixed inability to set user privilege to No Access via cmd.

14. Fixed problem of false alert occurring for power supply overcurrent protection.

15. Changed 'event log' to 'health event log' and 'system event log' to 'maintenance event log'.

16. Fixed inability to save and restore syslog configuration via maintenance->IPMI Configuration.

17. Prevented invalid IP format on IP Access Control page.

18. Removed clearing of license when clearing configuration.

19. Fixed failure of LAN configuration and power control after BMC VLAN is enabled and LAN mode is changed.

20. Fixed problem of user name allowing length of fewer than 4 characters.

21. Synced system MAC and AOC MAC to Redfish without TAS.

22. Fixed problem of all KVM consoles being disconnected after launching the maximum of 4 sessions.

23. Fixed missing alert, sensor error status, and blinking error LED when removing power supply.

24. Fixed AD/LDAP/RADIUS conflict.

25. Enabled setting all actions or at least 2 actions to the same hotkeys.

26. Fixed failure of SMSTC test with SMCIPMITool.

27. Fixed issue of AOC_NIC_Temp sensor not displaying a value.

28. Fixed failure to accept the special characters on the share host field.

29. Corrected fan curve for VRM and DIMM under standard mode.

30. Set license to activate when MAC changes and OOB source is enabled.

31. Fixed problem of Web session timing out when logging into BMC with AD/BMC account.

32. Fixed failure of IPMI to create a new event when attempting to log in using incorrect credentials.

33. Fixed issue with display of long AD domain name.

34. Fixed failure of SMSTC test with SUM 2.3.0.

35. Fixed problem of upgrade to IPMI firmware 3.83 causing BMC to crash.