IPMI Firmware Release Notes

Product Name	**X10DRH-CLN4/ILN4**
Release Version	**3.86**
Release Date	**7/27/2018**
Previous Version	**3.77**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	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. Removed support for 3008/3216 and fixed missing LSI3008 sensor on IPMI sensor page. 4. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility. 5. Changed FirmwareInventory to SmcFirmwareInventory to prevent conflict with Redfish standard definition. 6. Merged X11 SMASH overflow and rearrange method.
New features	1. Added parameter (SkipCheckingME) for BIOS update in Redfish. 2. Added support for TaskService feature during BIOS, BMC, and Broadcom storage controller update in Redfish. 3. Added support for Node Manager feature in Redfish. 4. Added GUID/BoardID in Redfish. 5. Added event data extension in Redfish. 6. Added support for Redfish TaskMonitor.

	7. Log multiple absent HDDs as a StorageController event to remind user about possible component-related problem (e.g., storage controller, cable, or backplane error).
	8. Added support for NVidia T4, RTX 5000, 6000, and 800.
	9. Added BMC firmware solution to program and store unique pre-programmed password.
Fixes	1. Remove SEL showing error message after AOC-S3108 updates firmware.
	2. Corrected inability to add AD group name and domain in SMCIPMITool.
	3. Allow opening Java IKVM when domain name is used to login to BMC.
	4. Removed duplicate events for BRCM3108.7. Allow opening the 4th IKVM session in Redfish.
	5. IPMI BMC/Onboard LAN MAC no longer shows 00:00:00:00:00:00.
	6. Show consistent IP addresses on System page.
	7. Change SNMP behavior identical to X11.
	8. Corrected sensor readings after sort.
	9. Remove SEL showing error message after AOC-S3108 updates firmware.
	10. Allow setting port number after changing the VM port.
	11. Corrected problem hostname containing timestamp after updating IPMI firmware.
	12. Corrected inability to update SMC3108 firmware from IPMI.
	13. Allow modifying username with space.
	14. Corrected iKVM display of "Virtual Media".
	15. Corrected inability to launch SOL window.
	16. Corrected message that is displayed when IKVM port is unchecked.