

## IPMI Firmware Release Notes

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<b>Product Name</b>	<b>X10DRC/I-/LN4+/T4+</b>
<b>Release Version</b>	<b>3.83</b>
<b>Release Date</b>	<b>8/15/2019</b>
<b>Previous Version</b>	<b>3.80</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<b>1. Added support for NVidia T4, RTX 5000, 6000, and 800.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>1. Corrected sensor readings after sorting. 2. Log multiple absent HDDs as a StorageController event to remind user about possible component-related problem (e.g., storage controller, cable, or backplane error). 3. Fix Virtual Media Multiple Vulnerabilities in older firmware.</b>

**3.80 (2/14/2019)**

*Enhancements*

1. Revised Redfish "Actions" for clearing event log.
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 FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition.
5. Changed SNMP behavior to conform with X11 platform.

*New features*

1. Added new Redfish features for downloading and uploading IPMI configuration.
2. Added Redfish support for firmware inventory (BIOS/BMC update).
3. Patched CVE-2019-6260.
4. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.
5. Added support for TaskService feature during BIOS, BMC, and Broadcom storage controller update in Redfish.
6. Added support for Node Manager feature in Redfish.
7. Added new feature for GUID/BoardID in Redfish.
8. Added new feature for event data extension in Redfish.

*Fixes*

1. Improved email function.
2. Corrected Upload button behavior for floppy disk virtual media after unmounting a file.
3. Multi-language support of iKVM/HTML5 console help page.
4. Fixed problem of Redfish 500 being returned when NetworkProtocol is patched after factory default.
5. Corrected inconsistencies in BMC MAC address format.
6. Power consumption history no longer shows minimum power as 0W.
7. Allow setting NM power policy by Redfish API.
8. Corrected inability to add AD group name and domain in SMCIPMITool.
9. Allow opening Java iKVM when domain name is used to login to BMC.
10. Allow opening the 4th iKVM session in Redfish.
11. Corrected inconsistencies in BMC MAC address format.