

# IPMI Firmware Release Notes

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<b>Product Name</b>	<b>X10DRD-LTP/-iTP/iNTP</b>
<b>Release Version</b>	<b>3.83</b>
<b>Release Date</b>	<b>8/15/2019</b>
<b>Previous Version</b>	<b>3.72</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Revised Redfish "Actions" for clearing event log.</li><li>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 &amp; Web UI.</li><li>3. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.</li><li>4. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition.</li><li>5. Changed SNMP behavior to conform with X11 platform.</li></ol>
<b>New features</b>	<ol style="list-style-type: none"><li>1. Added new Redfish features for downloading and uploading IPMI configuration.</li><li>2. Added Redfish support for firmware inventory (BIOS/BMC update).</li><li>3. Patched CVE-2019-6260.</li></ol>

	<ul style="list-style-type: none"><li>4. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.</li><li>5. Added support for TaskService feature during BIOS, BMC, and Broadcom storage controller update in Redfish.</li><li>6. Added support for Node Manager feature in Redfish.</li><li>7. Added new feature for GUID/BoardID in Redfish.</li><li>8. Added new feature for event data extension in Redfish.</li></ul>
<p>Fixes</p>	<ul style="list-style-type: none"><li>1. Improved email function.</li><li>2. Corrected Upload button behavior for floppy disk virtual media after unmounting a file.</li><li>3. Multi-language support of iKVM/HTML5 console help page.</li><li>4. Fixed problem of Redfish 500 being returned when NetworkProtocol is patched after factory default.</li><li>5. Corrected inconsistencies in BMC MAC address format.</li><li>6. Power consumption history no longer shows minimum power as 0W.</li><li>7. Allow setting NM power policy by Redfish API.</li><li>8. Corrected inability to add AD group name and domain in SMCIPMITool.</li><li>9. Allow opening Java iKVM when domain name is used to login to BMC.</li><li>10. Allow opening the 4th iKVM session in Redfish.</li><li>11. Corrected inconsistencies in BMC MAC address format.</li><li>12. Corrected sensor readings after sorting.</li><li>13. Log multiple absent HDDs as a StorageController event to remind user about possible component-related problem (e.g., storage controller, cable, or backplane error).</li><li>14. Fix Virtual Media Multiple Vulnerabilities in older firmware.</li></ul>