

IPMI Firmware Release Notes

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Product Name	X10DRW-E/N(T)
Release Version	3.83
Release Date	8/15/2019
Previous Version	3.72
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">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. Enabled monitoring of Broadcom 3108 BBU status with logging as status change.
New features	<ol style="list-style-type: none">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.

	<p>4. Added GUID/BoardID in Redfish.</p> <p>5. Added event data extension in Redfish.</p> <p>6. Added support for Redfish TaskMonitor.</p> <p>7. Implemented Redfish APIs for SSM / SUM.</p> <p>8. Added Redfish firmware inventory for 3108 storage controller.</p> <p>9. Added support for saving 3108 storage controller status events.</p> <p>10. Enabled population of NAS-Identifier (rfc2865, 5.32.0) with BMC-specific string.</p>
Fixes	<p>1. Removed Broadcom 3108 degraded and unavailable SEL events after its firmware is updated.</p> <p>2. Allow setting NM power policy by Redfish.</p> <p>3. Corrected inability to add AD group name and domain in SMCIPMITool.</p> <p>4. Allow opening Java IKVM when domain name is used to login to BMC.</p> <p>5. Removed duplicate Broadcom 3108 events.</p> <p>6. Fixed malfunction of KCS, sensor reading, and some commands.</p> <p>7. Allow opening the 4th IKVM session in Redfish.</p> <p>8. IPMI BMC/Onboard LAN MAC no longer shows 00:00:00:00:00:00.</p> <p>9. Corrected inconsistencies in BMC MAC address format.</p> <p>10. Power consumption history no longer shows minimum power as 0W.</p> <p>11. Corrected miscellaneous typos.</p> <p>12. Improved email function.</p> <p>13. Allow deleting Role Groups in Active Directory page.</p> <p>14. Corrected "undefined" message appearing in pop-up window before uploading Broadcom 3108's ROM.</p> <p>15. Allow updating 3108's firmware over BMC's Web page if Logical device is defined.</p> <p>16. Corrected timeout of Invalid Default Active Directory.</p> <p>17. Corrected Upload button behavior for floppy disk virtual media</p>

	<p>after unmounting a file.</p> <p>18. Corrected failure to change JBOD mode.</p> <p>19. Multi-language support of iKVM/HTML5 console help page.</p> <p>20. Corrected multiple vulnerabilities with BMC Virtual Media.</p> <p>21. Corrected sensor readings after sorting.</p> <p>22. Log multiple absent HDDs as a StorageController event to remind user about possible component-related problem (e.g., storage controller, cable, or backplane error).</p>
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