

# IPMI Firmware

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<b>Product Name</b>	<b>X10DRT-P(T)/PIBQ/PIBF</b>
<b>Release Version</b>	<b>3.79</b>
<b>Release Date</b>	<b>1/18/2019</b>
<b>Previous Version</b>	<b>3.77</b>
<b>Update Category</b>	<b>Recommended</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. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition.</li><li>2. Changed SNMP behavior to conform with X11 platform.</li></ol>
<b>New features</b>	<ol style="list-style-type: none"><li>1. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.</li><li>2. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.</li><li>3. Added support for TaskService feature during BIOS, BMC, and Broadcom storage controller update in Redfish.</li><li>4. Added support for Node Manager feature in Redfish.</li><li>5. Added new feature for GUID/BoardID in Redfish.</li><li>6. Added new feature for event data extension in Redfish.</li><li>7. Added support for Redfish TaskMonitor.</li><li>8. Support Redfish APIs for SSM/SUM.</li></ol>
<b>Fixes</b>	<ol style="list-style-type: none"><li>1. Fixed missing space between two words.</li><li>2. Allow setting NM power policy by Redfish API.</li><li>3. Corrected inability to add AD group name and domain in SMCIPMITool.</li><li>4. Allow opening Java IKVM when domain name is used to login to BMC.</li><li>5. Removed duplicate BRCM3108 events.</li><li>6. Allow opening the 4<sup>th</sup> IKVM session in Redfish.</li><li>7. Corrected inconsistencies in BMC MAC address format.</li></ol>

**3.77 (7/27/2018)**

**Enhancements**

1. Revised Redfish "Actions" for clearing event log.

**New features**

1. Added new Redfish features for downloading and uploading IPMI configuration.
2. Added adaptive temperature threshold in SDR for drives connected to 3108.
3. Enabled AC Power On Event log.
4. Added enable and disable options for 3108's JBOD mode over BMC's Web page and Redfish API `"/redfish/v1/Systems/1/Storage/HA-RAID"`.
5. Added Redfish memory information feature.
6. Added support for saving 3108 storage controller status event.
7. Added support for new Redfish firmware inventory (3108 storage controller) to update firmware.
8. Added BMC support to monitor controller temperature, attached physical drive temperature, and attached physical drive status of Broadcom storage controller 3008/3216 (HBA/Host Bus Adapter).

**Fixes**

1. Enabled update of 3108's firmware over BMC's Web page.
2. Redfish no longer returns 500 when NetworkProtocol is patched after factory default.
3. Correct sensor reading of AOC-STG-i4S.
4. Removed duplicate AOC NIC on sensor reading WebGUI.
5. Set AC Power On Event log to be reported when BMC executes cold reboot.
6. BMC now logs events when user removes pre-installed HDDs (connected to storage backplane and 3108) during system boot and after Broadcom 3108 storage controller is initialized.
7. Fixed problem of "undefined" message appearing in pop-up window before uploading Broadcom 3108's ROM.
8. SSM System Information Details can show more than 1 storage enclosure.
9. Allow 3108's firmware update from BMC's Web page if Logical device is on the card.
10. Corrected timeout of Invalid Default Active Directory.
14. Reenable upload button to upload floppy disk after unmounting a file.
11. Allow JBOD change mode.
12. Multi-language support for iKVM/HTML5 console help page.
13. Corrected email function failures.
14. Corrected Java SOL console launch failures.
15. Corrected BMC MAC address formats.
16. Power consumption history no longer shows minimum power as 0W.