

# IPMI Firmware

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<b>Product Name</b>	<b>X10SRL-F</b>
<b>Release Version</b>	<b>3.80</b>
<b>Release Date</b>	<b>2/14/2019</b>
<b>Previous Version</b>	<b>3.65</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. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.</li><li>2. Changed FirmwavelInventory to SmcFirmwavelInventory to prevent user confusing with Redfish standard definition.</li><li>3. Changed SNMP behavior to conform with X11 platform.</li><li>4. 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></ol>
<b>New features</b>	<ol style="list-style-type: none"><li>1. Added support for new redfish firmware inventory (3018 storage controller) to update firmware.</li><li>2. Enabled monitoring/logging of Broadcom 3108 BBU status changes.</li><li>3. Added support for saving 3108 storage controller status event.</li><li>4. Added new Redfish features for download/upload IPMI configuration.</li><li>5. Revised Redfish "Actions" for clearing event log.</li><li>6. Added adaptive temperature threshold in SDR for drives connected to 3108.</li><li>7. Enabled AC Power On Event log.</li><li>8. 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".</li><li>9. Added Redfish Memory Information feature.</li><li>10. Added support for Redfish firmware inventory (BIOS/BMC update).</li><li>11. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME</li></ol>

	<p>checking.</p> <p>12. Added support for TaskService feature during BIOS, BMC, and Broadcom storage controller update in Redfish.</p> <p>13. Added support for Node Manager feature in Redfish.</p> <p>14. Added new feature for GUID/BoardID in Redfish.</p> <p>15. Added Redfish support for TaskMonitor.</p> <p>16. Support Redfish APIs for SSM/SUM.</p>
<p><b>Fixes</b></p>	<p>1. Corrected inconsistencies in BMC MAC address format.</p> <p>2. Power consumption history no longer shows minimum power as 0W.</p> <p>3. Improved email function.</p> <p>4. Allow deleting Role Group in Active Directory page.</p> <p>5. Correct Alert email function.</p> <p>6. Improved Java SOL console launch function</p> <p>7. Corrected "undefined" message appearing in pop-up window before uploading Broadcom 3108's ROM.</p> <p>8. SSM system information details now shows multiple storage enclosures.</p> <p>9. Allow updating 3108's firmware over BMC's Web page if Physical/Logical device is on the card.</p> <p>10. Corrected Upload button behavior for floppy disk virtual media after unmounting a file.</p> <p>11. Corrected failure to change JBOD mode.</p> <p>12. Multi-language support of iKVM/HTML5 console help page.</p> <p>13. Allow updating 3108's firmware over BMC's Web page.</p> <p>14. Redfish no longer returns 500 when NetworkProtocol is patched after factory default.</p> <p>15. Correct sensor reading of AOC-STG-i4S card.</p> <p>16. Remove duplicate AOC NIC sensor on WebGUI.</p> <p>17. Report AC Power On in Event Log when BMC executes cold reboot.</p> <p>18. 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.</p> <p>19. Allow opening the 4th iKVM session in Redfish.</p> <p>20. Show consistent IP address formats on System page.</p>

	<ol style="list-style-type: none"><li>21. Removed SEL degraded and unavailable events after Broadcom 3108 firmware is updated.</li><li>22. Patched CVE-2019-6260.</li><li>23. Allow setting NM power policy by Redfish API.</li><li>24. Corrected inability to add AD group name and domain in SMCIPMITool.</li><li>25. Allow opening Java iKVM when domain name is used to login to BMC.</li><li>26. . Removed duplicate BRCM3108 events.</li></ol>
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### ***Release Notes from Previous Release(s)***

#### **3.65 (2/15/2017)**

- 1. Multi-language support of iKVM/HTML5 console help page.*
- 2. Disabled MCTP support on Broadcom 3108 firmware so it only supports I2C protocol.*
- 3. Allow disabling LDAP Authentication immediately after enabling it.*