

## IPMI Firmware

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<b>Product Name</b>	<b>X10SRW-F</b>
<b>Release Version</b>	<b>3.80</b>
<b>Release Date</b>	<b>2/14/2019</b>
<b>Previous Version</b>	<b>3.58</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. Multi-language support of iKVM/HTML5 console help page.</li><li>2. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.</li><li>3. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition.</li><li>4. Changed SNMP behavior to conform with X11 platform.</li><li>5. 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 adaptive temperature threshold in SDR for drives connected to 3108.</li><li>2. Enabled AC Power On Event log.</li><li>3. 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>4. Added Redfish Memory Information feature.</li><li>5. Added support for Redfish firmware inventory (BIOS/BMC update).</li></ol>

	<p>6. Added new Redfish features for download/upload IPMI configuration.</p> <p>7. Revised Redfish “Actions” for clearing event log.</p> <p>8. Added support for new redfish firmware inventory (3018 storage controller) to update firmware.</p> <p>9. Enabled monitoring/logging of Broadcom 3108 BBU status changes.</p> <p>10. Added support for saving 3108 storage controller status event.</p> <p>11. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME 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 new feature for event data extension in Redfish.</p> <p>16. Added Redfish support for TaskMonitor.</p> <p>17. Support Redfish APIs for SSM/SUM.</p> <p>18. Added patch for CVE-2019-6260</p> <p>19. Added adaptive temperature threshold in SDR for drives connected to 3108.</p> <p>20. Disabled MCTP support on Broadcom 3108 firmware so it only supports I2C protocol.</p>
Fixes	<p>1. Allow disabling LDAP Authentication immediately after enabling it.</p> <p>2. Display product serial number correctly.</p> <p>3. Enabled AC Power On Event log.</p> <p>4. 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>5. Allow updating 3108's firmware over BMC's Web page if Physical/Logical device is on the card.</p> <p>6. Redfish no longer returns 500 when NetworkProtocol is patched after factory default.</p>

	<p>7. Correct sensor reading of AOC-STG-i4S card.</p> <p>8. Remove duplicate AOC NIC sensor on WebGUI.</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. Correct Alert email function.</p> <p>12. Allow deleting Role Group in Active Directory page.</p> <p>13. Corrected "undefined" message appearing in pop-up window before uploading Broadcom 3108's ROM.</p> <p>14. SSM system information details now shows multiple storage enclosures.</p> <p>15. Allow updating 3108's firmware over BMC's Web page if Physical/Logical device is on the card.</p> <p>16. Corrected Upload button behavior for floppy disk virtual media after unmounting a file.</p> <p>17. Corrected failure to change JBOD mode.</p> <p>18. Multi-language support of iKVM/HTML5 console help page.</p> <p>19. Allow opening the 4th iKVM session in Redfish.</p> <p>20. Show consistent IP address formats on System page.</p> <p>21. Removed SEL degraded and unavailable events after Broadcom 3108 firmware is updated.</p> <p>22. Allow setting NM power policy by Redfish API.</p> <p>23. Corrected inability to add AD group name and domain in SMCIPMITool.</p> <p>24. Allow opening Java iKVM when domain name is used to login to BMC.</p> <p>25. Removed duplicate BRCM3108 events.</p>
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