

IPMI Firmware

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Product Name	X10DRW-I/IT
Release Version	3.80
Release Date	2/14/2019
Previous Version	3.71
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition.2. Changed SNMP behavior to conform with X11 platform.3. 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.
New features	<ol style="list-style-type: none">1. Added support for saving 3108 storage controller status event.2. Added support for new redfish firmware inventory (3018 storage controller) to update firmware.3. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.4. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.5. Added support for TaskService feature during BIOS, BMC, and Broadcom storage controller update in Redfish.6. Added support for Node Manager feature in Redfish.7. Added new feature for GUID/BoardID in Redfish.

	<p>8. Added new feature for event data extension in Redfish.</p> <p>9. Added support for Redfish TaskMonitor.</p> <p>10. Support Redfish APIs for SSM/SUM.</p>
<p>Fixes</p>	<p>1. Allow updating 3108's firmware over BMC's Web page if Physical/Logical device is on the card.</p> <p>2. Corrected Upload button behavior for floppy disk virtual media after unmounting a file.</p> <p>3. Enabled monitoring/logging of Broadcom 3108 BBU status changes.</p> <p>4. Corrected failure to change JBOD mode.</p> <p>5. Multi-language support of iKVM/HTML5 console help page.</p> <p>6. Improved total average power display of the system.</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. Improved email function.</p> <p>10. Improved Java SOL console launch function.</p> <p>11. Improved 3108 firmware updates over BMC's web page.</p> <p>12. Corrected inconsistencies in BMC MAC address format.</p> <p>13. Power consumption history no longer shows minimum power as 0W.</p> <p>14. Allow opening the 4th IKVM session in Redfish.</p> <p>15. Removed SEL degraded and unavailable events after Broadcom 3108 firmware is updated.</p> <p>16. Patched CVE-2019-6260.</p> <p>17. Allow setting NM power policy by Redfish API.</p> <p>18. Corrected inability to add AD group name and domain in SMCIPMITool.</p> <p>19. Allow opening Java IKVM when domain name is used to login to BMC.</p> <p>20. Removed duplicate BRCM3108 events.</p>

Release Notes from Previous Release(s)

3.71 (4/23/2018)

Enhancements

1. *Disabled MCTP support on Broadcom 3108 firmware so it only supports I2C protocol.*
2. *Added support for Redfish firmware inventory (BIOS/BMC update).*
3. *Updated 3108's firmware over BMC's Web page.*
4. *Revised Redfish "Actions" for clearing event log.*

New features

1. *Added adaptive temperature threshold in SDR for drives connected to 3108.*
2. *Enabled AC Power On Event log.*
3. *Set AC Power On Event log to be reported when BMC executes cold reboot.*
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 new Redfish features for downloading and uploading IPMI configuration.*

Fixes

1. *Fixed failure of SUM 2.0.1 Test.*
2. *Fixed failure of SUM "Test_case_215 Outband - ChangeBmcCfg and compare".*
3. *Fixed inability to disable LDAP Authentication immediately after enabling it.*
4. *Fixed problem of product serial number being incorrect when it is longer than 15 characters and written in IPMI FRU.*
5. *Fixed problem of BMC not logging events when user removes pre-installed HDDs (connected to storage backplane and 3108) during system boot and after Broadcom 3108 storage controller is initialized.*
6. *Fixed grammar error on Event Log page.*
7. *Fixed problem of duplicate AOC NIC sensor appearing on sensor reading WebGUI.*
8. *Fixed failure of Redfish automation test.*
9. *Fixed problem of the sensor reading of AOC-STG-i4S card working abnormally.*
10. *Fixed failure of Redfish API test.*
11. *Fixed problem of Redfish 500 being returned when NetworkProtocol is patched after factory default.*