

IPMI Firmware

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Product Name	X10DRC/I - LN4+/T4+
Release Version	3.80
Release Date	2/14/2019
Previous Version	3.77
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	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. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility. 4. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition. 5. Changed SNMP behavior to conform with X11 platform.
New features	1. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking. 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. 4. Added new feature for GUID/BoardID in Redfish. 5. Added new feature for event data extension in Redfish.

Fixes	1. Removed SEL degraded and unavailable events after Broadcom 3108 firmware is updated. 2. Allow setting NM power policy by Redfish API. 3. Corrected inability to add AD group name and domain in SMCIPMITool. 4. Allow opening Java IKVM when domain name is used to login to BMC. 5. Removed duplicate BRCM3108 events. 6. Allow opening the 4th IKVM session in Redfish. 7. Changed SNMP behavior to conform with X11 platform.
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Release Notes from Previous Release(s)

3.77 (7/27/2018)

Enhancements

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

New features

1. Enabled monitoring of Broadcom 3108 BBU status and logging of it as status change.
2. Added support for saving 3108 storage controller status event.
3. Added new Redfish features for downloading and uploading IPMI configuration.
4. Added adaptive temperature threshold in SDR for drives connected to 3108.
5. Enabled AC Power On Event log.
6. 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"`.
7. Added Redfish memory information feature.
8. Added support for Redfish firmware inventory (BIOS/BMC update).
9. Added support for new SIOM AOC-MH25G-b2s2G.
10. Added support for new Redfish firmware inventory (3108 storage controller) to update firmware.
11. 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. Fixed failure of email function.
2. Fixed failure of Java SOL console launched on Java console.
3. Fixed problem of "undefined" message appearing in pop-up window before uploading Broadcom 3108's ROM.
4. Fixed problem of the SSM system information details only showing one storage enclosure with Redfish V3.74.
5. Fixed inability to update 3108's firmware over BMC's Web page if Logical device is on the card.
6. Fixed timeout of Invalid Default Active Directory.
7. Fixed failure of the button to switch to upload in floppy disk after unmounting a file.
8. Fixed failure to change JBOD mode.
9. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content.
10. Enabled update of 3108's firmware over BMC's Web page.
11. Fixed problem of Redfish 500 being returned when NetworkProtocol is patched after factory default.
12. Fixed problem of the sensor reading of AOC-STG-i4S card working abnormally.
13. Fixed failure of Redfish API test.
14. Fixed grammar error on Event Log page.
15. Fixed problem of duplicate AOC NIC sensor appearing on sensor reading WebGUI.
16. Fixed failure of Redfish automation test.
17. Set AC Power On Event log to be reported when BMC executes cold reboot.
18. 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.
19. Fixed inconsistency in format of BMC MAC address.
20. Fixed problem of power consumption history showing minimum power as 0W.
21. Fixed incorrect grammar of some text.
22. Fixed problem of 'M' not following after one period in 'R.P.M'.
23. Fixed incorrect grammar in the alert Window.