IPMI Firmware

Product Name	**X10DRFR (-N/NT)**
Release Version	**3.80**
Release Date	**2/14/2019**
Previous Version	**3.76**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility. 2. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition. 3. 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. 6. Added Redfish support for TaskMonitor. 7. Support Redfish APIs for SSM/SUM. 8. Added support for new redfish firmware inventory (3018 storage controller) to update firmware.

Fixes	1. Allow setting NM power policy by Redfish API. 2. Corrected inability to add AD group name and domain in SMCIPMITool. 3. Allow opening Java IKVM when domain name is used to login to BMC. 4. Removed duplicate BRCM3108 events. 5. Allow opening the 4th IKVM session in Redfish. 6. Show consistent IP address formats on System page. 7. Corrected inconsistencies in BMC MAC address format. 8. Power consumption history no longer shows minimum power as 0W. 9. Removed SEL degraded and unavailable events after Broadcom 3108 firmware is updated. 10. Patched CVE-2019-6260

Release Notes from Previous Release(s)

3.76 (6/17/2018)

Enhancements
1. Improved multi-language content on the iKVM/HTML5 option menu and submenu.
2. Disabled MCTP support on Broadcom 3108 firmware so it only supports I2C protocol.
3. Added support for Redfish firmware inventory (BIOS/BMC update).
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. 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".
4. Added Redfish memory information feature.
5. Added new Redfish features for downloading and uploading IPMI configuration.
6. Added support for saving 3108 storage controller status event.

Fixes
1. Fixed failure of SUM "Test_case_215 Outband - ChangeBmcCfg and compare".
2. Fixed inability to disable LDAP Authentication immediately after enabling it.
3. Fixed problem of product serial number being incorrect when it is longer than 15 characters and written in IPMI FRU.
4. Fixed failure of SUM 2.0.1 Test.
5. Set AC Power On Event log to be reported when BMC executes cold reboot.
6. Enabled update of 3108's firmware over BMC's Web page.
7. 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.
8. Fixed problem of duplicate AOC NIC sensor appearing on sensor reading WebGUI.
9. Fixed problem of the sensor reading of AOC-STG-i4S card working abnormally.
10. Fixed problem of Redfish 500 being returned when NetworkProtocol is patched after factory default.
11. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content.
12. Fixed inability to update 3108's firmware over BMC's Web page.
13. Fixed failure of email function.
14. Fixed failure of Java SOL console launched on Java console.
15. Fixed problem of "undefined" message appearing in pop-up window before uploading Broadcom 3108's ROM.
16. Fixed inability to update 3108's firmware over BMC's Web page if Logical device is on the card.
17. Fixed timeout of Invalid Default Active Directory.
18. Fixed failure of the button to switch to upload in floppy disk after unmounting a file.
19. Fixed failure to change JBOD mode.

3.71 (4/23/2018)

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6. Fixed problem of duplicate AOC NIC sensor appearing on sensor reading WebGUI.
7. Fixed failure of Redfish automation test.
8. Fixed problem of the sensor reading of AOC-STG-i4S card working abnormally.
9. Fixed failure of Redfish API test.
10. Fixed problem of Redfish 500 being returned when NetworkProtocol is patched after factory default.