

IPMI Firmware

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Product Name	X11DPU
Release Version	1.59
Release Date	10/22/2018
Previous Version	1.52
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. 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	1. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish. 2. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking. 3. Added support for Redfish SimpleUpdate for BMC and BIOS firmware. 4. Changed FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition. 5. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition. 6. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility. 7. Added support for saving 3108 storage controller status event. 8. Added support for NIC/GPU Asset Information on Redfish. 9. Added hardware component status in Redfish/WebGUI. 10. Added support for TaskService feature during BIOS update in Redfish.

	<p>11. Added support for Node Manager feature in Redfish.</p> <p>12. Added new feature for GUID/BoardID in Redfish.</p> <p>13. Added new feature for event data extension in Redfish.</p> <p>14. Added OEM event Description and Severity in Redfish/WebGUI.</p> <p>15. Provided Event Acknowledgment for the events with Warning/Critical severity level.</p> <p>16. Added support for Intel RSTe RAID status reporting for TAS + BMC Firmware Support TAS ver. 1.5.2 and extended SEL explanation for sensor type 0x0D (Drive Slot).</p> <p>17. Added support for BMC Event Log in Redfish and renamed the function name from "System Event Log" to "BMC Event Log" in Web UI.</p>
Fixes	<p>1. Fixed missing FAN9 header on motherboard despite FAN9 sensor reading appearing on IPMIWeb.</p> <p>2. System no longer shows normal when the power fails.</p> <p>3. WebGUI NVME_SSD Temperature no longer displays "Not Present!" with drives in group 0.</p> <p>4. Corrected timeout value failure for graceful shutdown feature.</p> <p>5. Corrected update SSL certificate file issue.</p> <p>6. Redfish no longer returns 200 when PATCH PowerLimit reaches over 32767 in Redfish.</p> <p>7. NVMe temperature sensor can decrease.</p> <p>8. IPMI Web no longer shows system warning after updating firmware.</p> <p>9. Allow IPMICFG and IPMITool to change IPMIIPv6 mode.</p> <p>10. CPLD version displayed in accordance with firmware.</p> <p>11. Current BIOS date displays correctly on the BMC BIOS update page.</p> <p>12. Corrected OEM Event Alert.</p> <p>13. Allow updating 3108's firmware over BMC's Web page if Logical device is on the card.</p> <p>14. Multi-language support of iKVM/HTML5 console help page.</p> <p>15. Allow removal of DNS server IPv6 address.</p> <p>16. Correct message on iKVM/HTML5 page when disabling iKVM port.</p> <p>17. Consistent return codes (200, 500, 503) from BMC using ApacheBench.</p>

Release Notes from Previous Release(s)

1.52 (5/3/2018)

1. Revised Redfish firmware inventory (BIOS/BMC update).
2. Revised Redfish "Actions" for clearing event log.
3. Added support for new Redfish firmware inventory (3108 storage controller) to update firmware.
4. Added new Redfish features for downloading and uploading IPMI configuration.
5. Added support for MB_NIC_temp 1 reading on AOC-URN4-b2XT.
6. Set AC Power On Event log to be reported when BMC executes cold reboot.
7. Correct Solarflare NIC sensor display.
8. Show AOC card temperature when power first turned on.

1.47 (3/13/2018)

1. Added Intel OTA feature to fix failure of SMC OOB TPM Provisioning via IPMI feature for customized provisioning table.
2. Enabled AC Power On Event log.
3. Set AC Power On Event log to be reported when BMC executes cold reboot.
4. Added Redfish memory information feature.
5. Corrected power readings on "power consumption" page.
6. Changed UTC zone time by SMCIPMITool commands.

1.43 (12/18/2017)

1. Improved multi-language content on the iKVM/HTML5 option menu and submenu.
2. Added new advance system event log.
3. Allow changing fan mode when default fan is in standard fan mode instead of PUE2 mode.
4. IPMI web BIOS update resets the system.

1.39 (11/17/2017)

1. Improved the help message descriptions to follow Help Menu Suggestions v1.8.
2. Added support for HII in Redfish.
3. Match Help message with template.
5. Corrected SUM GetBmcCfg.
6. Removed Upper Critical event log on CPU sensors.
7. Corrected SUM not allowed to flash IPMI firmware.
8. Changed Redfish APIs for Broadcom RAID volumes error from /redfish/v1/Systems/1/Storage/HA-RAID/HA-RAID.[controller_num].Volume.[volume_num] to /redfish/v1/Systems/1/Storage/HA-RAID/Volumes/Controller.[controller_num].Volume.[volume_num].
9. Corrected IPMI Eject from not responding.