

IPMI Firmware / BIOS Release Notes Form

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Product Name	X11DPT-PS
Release Version	1.64
Release Date	1/16/2019
Previous Version	1.55
Update Category	Recommended
Dependencies	N/A
Important Notes	N/A
Enhancements	1. Changed the naming for “Health Event Log” and “Maintenance Event Log” in Web UI. 2. Migrated the IPMI Event Log to the URL "redfish/v1/Systems/1/LogServices" in Redfish and changed the name “Event Log” to “System Management Log” in Redfish and Web UI.
New features	1. Added support for riser with multi-chip. 2. Added Hynix memory support for BMC. 3. Enabled clearing all system event logs without generating any log and dumping all the system event logs. 4. Added BMC Event Log support in Redfish and changed “System Event Log” to “BMC Event Log” in Web UI.
Fixes	1. Removed "Save uncompleted" message appearing when changing time and saving on IPMI Web. 2. Corrected IPMI SOL failures.

	<ul style="list-style-type: none">3. Corrected IPMI Web Date & Time Configuration failures.4. System status now references PSU state when AC is lost.5. Sessions no longer times out after accessing system event log page and BMC boot loops.6. Corrected failure of OOB function in ISS compliance tool.7. AOC NIC Threshold now follows Thermal Guidelines.8. Corrected inconsistent return codes (200, 500, 503) being displayed from the BMC when using ApacheBench.9. Allow removing DNS server IPv6 address.10. Removed incorrect message appearing on iKVM/HTML5 page when disabling iKVM port.11. Display correct AOC NIC sensor threshold.12. System no longer shows normal when the power fails.13. Corrected timeout value for graceful shutdown.14. Corrected update SSL certificate file failures.15. DCMS license activation shows consistent status across IPMI firmware.16. WebUI no longer disappears after selecting simplified Chinese language.
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Release Notes from Previous Release(s)

1.55 (8/15/2018)

1. 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).
2. Revised Redfish firmware inventory (BIOS/BMC update).
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. Revised Redfish "Actions" for clearing event log.
6. Added adaptive temperature threshold in SDR for drives connected to 3108.
7. Enabled AC Power On Event log.
8. Added Redfish memory information feature.
9. Enabled update of 3108's firmware over BMC's Web page.
10. 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"`.
11. Added Intel OTA feature to fix failure of SMC OOB TPM Provisioning via IPMI feature for customized provisioning table.
12. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish.
13. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.
14. Added support for Redfish SimpleUpdate for BMC and BIOS firmware.
15. Changed FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition.
16. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition.
17. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.
18. Added support for saving 3108 storage controller status event.
19. Added support for NIC/GPU Asset Information on Redfish.
20. Added hardware component status in Redfish/WebGUI.
21. Added support for TaskService feature during BIOS update in Redfish.
22. Added support for Node Manager feature in Redfish.
23. Added new feature for GUID/BoardID in Redfish.
24. Added new feature for event data extension in Redfish.
25. Added OEM event Description and Severity in Redfish/WebGUI.
26. Provided Event Acknowledgment for the events with Warning/Critical severity level.
27. Report AC Power On in the Event Log when BMC executes cold reboot.
28. Changed UTC zone time by SMCIPMITool commands.
29. Corrected power readings on "power consumption" page.
30. IPMI SDR no longer shows 2 "AOC_NIC_Temp" readings when SIOM AOC-MTG-i4T is installed.
31. UI LED no longer set to solid blue after default 15 seconds.
32. Corrected URL Not Found errors for Nuvoton MCU firmware on with BPN-SAS3-809H SKUs.
33. Allow updating 3108's firmware over BMC's Web page if Logical device is on the card.
34. Multi-language support for iKVM/HTML5 console help page.
35. Redfish no longer returns 200 when PATCH PowerLimit reaches over 32767.
36. IPMI Web no longer shows system warning after updating firmware.
37. Allow IPMICFG and IPMITool to change IPMIIPv6 mode.

1.43 (12/18/2017)

1. Improved multi-language content on the iKVM/HTML5 option menu and submenu.

2. Added new advanced system event log.
3. Fixed problem of BMC multi-node page displaying the wrong LCMC firmware version for SYS-1029TP-DTR/DC0R/DC1R (X11DPT-PS + BPN-SAS3-809H).
4. BMC Sensor Reading List shows all fans for 1U 2-Node TwinPro SKUs.
5. Allow changing fan mode when default fan is in standard fan mode instead of PUE2 mode.
6. Updating BIOS through IPMI web will reset the system.
7. Corrected Redfish APIs 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] to correct Broadcom RAID volumes error.