IPMI Firmware

Product Name	**X11DPT-PS**
Release Version	**1.55**
Release Date	**8/15/2018**
Previous Version	**1.43**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	**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).**
New features	**1. Revised Redfish firmware inventory (BIOS/BMC update).** **2. Added support for new Redfish firmware inventory (3108 storage controller) to update firmware.** **3. Added new Redfish features for downloading and uploading IPMI configuration.** **4. Revised Redfish "Actions" for clearing event log.** **5. Added adaptive temperature threshold in SDR for drives connected to 3108.** **6. Enabled AC Power On Event log.** **7. Added Redfish memory information feature.** **8. Enabled update of 3108's firmware over BMC's Web page.**

	9. 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".
	10. Added Intel OTA feature to fix failure of SMC OOB TPM Provisioning via IPMI feature for customized provisioning table.
	11. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish.
	12. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.
	13. Added support for Redfish SimpleUpdate for BMC and BIOS firmware.
	14. Changed FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition.
	15. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition.
	16. Set the MAC address format to revert to "xx:xx:xx:xx:xx:xx" in order to prevent backward compatibility.
	17. Added support for saving 3108 storage controller status event.
	18. Added support for NIC/GPU Asset Information on Redfish.
	19. Added hardware component status in Redfish/WebGUI.
	20. Added support for TaskService feature during BIOS update in Redfish.
	21. Added support for Node Manager feature in Redfish.
	22. Added new feature for GUID/BoardID in Redfish.
	23. Added new feature for event data extension in Redfish.
	24. Added OEM event Description and Severity in Redfish/WebGUI.
	25. Provided Event Acknowledgment for the events with Warning/Critical severity level.
Fixes	1. Fixed failure of Redfish API test.
	2. Set AC Power On Event log to be reported when BMC executes cold reboot.
	3. Changed UTC zone time by SMCIPMITool commands.

	4. Fixed incorrect power readings on "power consumption" page.
	5. Fixed problem of IPMI SDR showing two "AOC_NIC_Temp" readings when SIOM AOC-MTG-i4T is installed.
	6. Fixed problem of UI LED solid blue light remaining on after default 15 seconds.
	7. Fixed problem of updating Nuvoton MCU firmware on X11DPT-PS + BPN-SAS3-809H SKUs causing URL Not Found error.
	8. Fixed inability to update 3108's firmware over BMC's Web page if Logical device is on the card.
	9. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content and only supporting English.
	10. Fixed problem of 200 being returned when PATCH PowerLimit reaches over 32767 in Redfish.
	11. Fixed problem of IPMI Web showing system warning after updating firmware to 1.54.
	12. Fixed problem of ME firmware crashing when running SUM test.
	13. Fixed inability of IPMICFG and IPMITool to change IPMIIPv6 mode.

Release Notes from Previous Release(s)

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. 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. Fixed problem of BMC Sensor Reading List missing one fan for 1U 2-Node TwinPro SKUs.
5. Fixed inability to change fan mode when default fan is in standard fan mode instead of PUE2 mode.
6. Fixed problem of IPMI web BIOS update not resetting 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.