

IPMI Firmware

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Product Name	X11DPI-N(T)
Release Version	1.64
Release Date	1/16/2019
Previous Version	1.61
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	N/A
New features	1. Added support for Hynix memory for BMC.
Fixes	1. Removed "Save uncompleted" message appearing when changing time and saving it on IPMI Web. 2. WebUI no longer disappears after selecting simplified Chinese language. 3. DCMS license activation shows consistent status among IPMI firmware.

Release Notes from Previous Release(s)

1.61 (10/22/2018)

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.
3. Changed "System Event Log" to "BMC Event Log" in Web UI.
4. Changed VRM chip hardware with MPS solution on 2.00.
5. Enabled clearing all system event logs without generating any log and dumping all the system event logs.
6. Added support for BMC Event Log in Redfish.
7. Fixed failure of IPMI SOL.
8. System status now reference PSU state when AC is lost.
9. Redfish no longer times out session after accessing the System Event Log page and causing BMC bootloop.
10. AOC NIC Threshold now follows Thermal Guidelines.
11. Return consistent return codes (200, 500, 503) from the BMC when using ApacheBench.
12. Allow opening 4th iKVM session in Redfish.
13. Allow removing IPv6 DNS server.
14. Removed incorrect message appearing on iKVM/HTML5 page when disabling iKVM port.
15. System status no longer shows normal when the power fails.
16. Corrected failure to update SSL certificate file.
17. Corrected inability to log in after updating new firmware.

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. Added support for M.2 sensor reading only after hardware 1.30 and vice versa.
3. Revised Redfish firmware inventory (BIOS/BMC update).
4. Added support for new Redfish firmware inventory (3108 storage controller) to update firmware.
5. Added new Redfish features for downloading and uploading IPMI configuration.
6. Revised Redfish "Actions" for clearing event log.
7. Added adaptive temperature threshold in SDR for drives connected to 3108.
8. Enabled AC Power On Event log.
9. Added Redfish memory information feature.
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 support for saving 3108 storage controller status event.
12. Added support for NIC/GPU Asset Information on Redfish.
13. Added hardware component status in Redfish/WebGUI.
14. Added support for TaskService feature during BIOS update in Redfish.
15. Added support for Node Manager feature in Redfish.
16. Added new feature for GUID/BoardID in Redfish.
17. Added new feature for event data extension in Redfish.
18. Added OEM event Description and Severity in Redfish/WebGUI.
19. Provided Event Acknowledgment for the events with Warning/Critical severity level.
20. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish.

21. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.
22. Added support for Redfish SimpleUpdate for BMC and BIOS firmware.
23. Changed FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition.
24. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition.
25. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.
26. Set AC Power On Event log to be reported when BMC executes cold reboot.
27. Add missing M.2 NVMe temperature sensor in BIOS.
28. Changed UTC zone time by SMCIPMITool commands.
29. Correct power readings on "power consumption" page.
30. Allow 3108's firmware update over BMC's Web page if Logical device is on the card.
31. Multilanguage support for iKVM/HTML5 console help page.
32. Prevent reset boot loop situation.
33. Fixed OEM Event Alert.
34. Redfish no longer returns 200 when PATCH PowerLimit reaches over 32767 in Redfish.
35. IPMI Web no longer shows system warning after updating firmware.
21. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish.
22. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.
23. Added support for Redfish SimpleUpdate for BMC and BIOS firmware.
24. Changed FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition.
25. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition.
26. Set the MAC address format to revert to "xx:xx:xx:xx:xx:xx" in order to prevent backward compatibility.
27. Fixed failure of Redfish API test.
28. Set AC Power On Event log to be reported when BMC executes cold reboot.
29. Fixed missing M.2 NVMe temperature sensor in BIOS.
30. Changed UTC zone time by SMCIPMITool commands.
31. Fixed incorrect power readings on "power consumption" page.
32. Fixed inability to update 3108's firmware over BMC's Web page if Logical device is on the card.
33. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content and only supporting English.
34. Fixed problem of the machine continuously resetting itself.
35. Fixed problem of ME firmware crashing when running SUM test.
36. Fixed OEM Event Alert.
37. Fixed problem of 200 being returned when PATCH PowerLimit reaches over 32767 in Redfish.
38. Fixed problem of IPMI Web showing system warning after updating firmware to 1.54.
39. Fixed failure of Redfish automation test.

1.45 (2/6/2018)

1. Added support for BBP2 feature.
2. Added Intel OTA feature to fix failure of SMC OOB TPM Provisioning via IPMI feature for customized provisioning table.
3. Fixed failure of Redfish automation test.
4. Fixed issue of the NVMe temperature sensor showing 0 degrees C in IPMI sensor.