IPMI Firmware

Product Name	X11DPI-N(T)
Release Version	1.59
Release Date	10/22/2018
Previous Version	1.55
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. 2. Changed VRM chip hardware with MPS solution on 2.00.
New features	1. Added support for BMC Event Log in Redfish and renamed the function name from "System Event Log" to "BMC Event Log" in Web UI.
Fixes	1. Return consistent codes (200, 500, 503) occurring from BMC using ApacheBench. 2. Allow 4th IKVM session in Redfish. 3. Allow removal of DNS server IPv6 address. 4. Correct message dialog on iKVM/HTML5 page when disabling IKVM port. 5. Show proper system status when the power fails. 6. Correct SSL certificate update.

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. 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.

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. NVMe temperature sensor shows proper values in IPMI sensor.