

IPMI Firmware

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Product Name	X11DPG-SN
Release Version	1.55
Release Date	8/15/2018
Previous Version	1.53
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition. 2. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition. 3. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.
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. Added support for saving 3108 storage controller status event. 5. Added support for NIC/GPU Asset Information on Redfish.

	<p>6. Added hardware component status in Redfish/WebGUI.</p> <p>7. Added support for TaskService feature during BIOS update in Redfish.</p> <p>8. Added support for Node Manager feature in Redfish.</p> <p>9. Provided Event Acknowledgment for the events with Warning/Critical severity level.</p>
Fixes	<p>1. Redfish no longer returns 200 PATCH PowerLimit reaches over 32767.</p> <p>2. NVMe temperature sensor readings can decrease.</p> <p>3. IPMI Web showing system no longer shows warning after updating firmware.</p> <p>4. Allow IPMICFG and IPMITool to change IPMIIPv6 mode.</p> <p>5. Added new feature for GUID/BoardID in Redfish.</p> <p>6. Added new feature for event data extension in Redfish.</p> <p>7. Added OEM event Description and Severity in Redfish/WebGUI.</p> <p>8. Fixed OEM Event Alert.</p>

Release Notes from Previous Release(s)

1.53 (5/30/2018)

- 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 adaptive temperature threshold in SDR for drives connected to 3108.*
- 6. Enabled AC Power On Event log.*
- 7. Added Redfish memory information feature.*
- 8. 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"`.*
- 9. 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).*
- 10. Set AC Power On Event log to be reported when BMC executes cold reboot.*
- 11. Changed UTC zone time by SMCIPMITool commands.*
- 12. Enabled update of 3108's firmware over BMC's Web page.*
- 13. Correct power readings on "power consumption" page.*
- 14. Multi-language support of iKVM/HTML5 console help page.*