

IPMI Firmware / BIOS Release Notes Form

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Product Name	H11SSL-i/C/NC (All)
Release Version	1.46
Release Date	05/22/2019
Previous Version	1.39
Update Category	Critical
Dependencies	N/A
Important Notes	ECO #22622 IPMI Image : SMT_H11AST2500_32M_146.bin Please update IPMI image with attached Flash Utility in package.
Enhancements	<ol style="list-style-type: none">1. Adjusted the VDDCR threshold for all H11 projects.2. Improved SMBIOS data loss when AC is on.3. Improved the lack of SMBIOS data caused by the reset pin signal when AC is on.4. Patched for CVE-2019-6260 pantsdown.5. Updated the threshold of the AMD GPU (MI8/MI25).6. Changed the naming for Health Event Log & Maintenance Event Log in Web UI.7. Moved NIC/GPU URLs from chassis/ into systems/.8. Changed the naming for Health Event Log & Maintenance Event Log in Redfish.9. Improved possible issues with setting up IPV6 and VLAN.
New features	<ol style="list-style-type: none">1. Added support for the riser feature with multi-chip.2. Enabled clearing all system event logs without generating any log and dumping all the system event logs.
Fixes	<ol style="list-style-type: none">1. Added support for NVIDIA T4 GPU device.2. Fixed failure to save LDAP port to 389 after it was saved as SSL-enabled 636 in Web.3. Fixed the issue of a fan error message appearing during AC ON/OFF test when the fan is not connected to the system.4. Fixed problem of DCMS license activation showing inconsistent results between IPMI firmware 1.52 and 1.61.

	<ul style="list-style-type: none"> 5. Fixed inability to detect MI25 GPU. 6. Fixed issue of "Save uncompleted" message appearing when changing time and saving it on IPMI Web. 7. Fixed multiple Web UI formatting issues. 8. Fixed the issue with CPU throttle. 9. Fixed missing deassert log after system recovers from CPU overheat. 10. Fixed inability to clean IPMI Hostname and issues of the session timing out after accessing system event log page and BMC continuously rebooting. 11. Fixed failure of IPMI SOL. 12. Fixed malfunction of IPMI Web Date & Time Configuration. 13. Fixed failure of the system status to reference PSU state when AC is lost. 14. Fixed problem of BMC being damaged after running ARP stress test for over 24 hours. 15. Corrected pop-up message when deleting a group in Active Directory. 16. Fixed issue with BMC memory leak. 17. Corrected grammar error on the Alert page. 18. Fixed failure of test for NVIDIA T4 GPU device support. 19. Fixed incorrect KEYPAD * and + key maps via IPMI iKVM console and KEYPAD on physical keyboard. 20. Fixed issue with WebUI formatting. 21. Fixed problem of degraded & unavailable SEL event appearing after Broadcom 3108 firmware is updated. 22. Fixed inability of the power value of SPM to match the power value of IPMI and power meter. 23. Fixed mismatch of Redfish FullList Allowed Operation. 24. Fixed malfunction of KVM and remote control after using SSH in SMASH with AD account. 25. Fixed missing entry for GPU (NVIDIA RTX 6000) temperature in IPMI sensor reading.
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Release Notes from Previous Release(s)

1.39 (2018/10/09)

1. Added AMD dedicated CPU crash dump feature.
2. Added OEM commands for CPU power capping.
3. Added AMD-specific command OEM set 0x30 0x80 to read the current package power of CPU and set safe package power of CPU.
4. Fixed unknown sensor called "ART Temp" appearing in the BMC sensor reading.
5. Fixed error that occurs when the Administrator clicks the Event Log tab.
6. Fixed inability to modify the Event Log on Web GUI in BMC 1.37.
7. Fixed inability to clean IPMI Hostname.
8. Fixed problem of sensor showing "RED" after every AC cycle chassis intrusion.
9. Fixed problem of NVMe temperature staying high on sensor reading page when NVMe temperature cools down.
10. Fixed failure of Redfish automation test.
11. Fixed failure of Redfish API test.
12. Fixed problem of BIOS screen reporting less memory after power cycle.
13. Fixed problem of IP Access Control Issue being reported from CRM #SM1806148647.
14. Fixed problem of EVENT SEVERITY in the email alert content being inconsistent with the info set on IPMI Configuration.
15. Fixed incorrect IPMI pop-up message when performing Factory Default on IPMI Web.

1.30 (2018/03/12)

1. *Fixed failure of test via ICO/USB.*
2. *Fixed incorrect IPMI FAN mode.*
3. *Fixed failure of Redfish automation tool check.*