IPMI Firmware / BIOS Release Notes Form

Product Name	**H13SSH**
Release Version	**01.02.14**
Release Date	**01/23/2024**
Previous Version	**01.01.23**
Update Category	**Recommend**
Dependencies	**N/A**
Important Notes	**ECO #29483** **BMC_H13AST2600-ROT20-E401MS_20240123_01.02.14_STDsp.bin** **BMC_H13AST2600-ROT20-E401MS_20240123_01.02.14_STD.zip** **Please update IPMI with attached Flash Utility in package.**
Enhancements	1. The CPU sensor reading became "0" during DC on off stress 2. Prompt will now show in Redfish and Web GUI whenever RBID increase has been detected on uploaded firmware. 3. Enhance GPU Redfish API value. 4. RoT State changed to disabled after factory reset. 5. BMC Host Interface becomes "Disabled". 6. Added MEL after changed Host Interface "RNDIS Connection" or "CDC-ECM Connection". 7. Nvidia L40 GPU no sensor and information. 8. OpenJDK support. 9. Support NVIDIA RTX 4000 Ada, RTX 5000 Ada, RTX 6000 Ada.
New features	1. Add Super Diagnostics Offline in Redfish. 2. Add Property "Product" for /redfish/v1. 3. Enable USB Lan 2 options feature (WEB).
Fixes	1. Fix system can't eject any device when select all. 2. Fix need SW team to define BMC rules for all SKUs if missing 'CPU Temp'. 3. Fix Virtual Media SMB not support mount with port. 4. Fix PSU health status is abnormal when remove power cord. 5. Fix Sensor naming doesn't match the spec. 6. Fix Should not be able to set invalid ipv6 dns values using SMCIPMI Tool raw commands. 7. Toggling the system power will create repeated "Host FW password has been removed / auto-generated" entries in the MEL. 8. Fix string not match with LAN mode naming. 9. Fix Notifications(SNMP) in Help page is inconsistent with Actual WEB page. 10. Fix SUM -- Failed to Set LAN Auto Configuration DHCPv6Mode Configuration. 11. Fix Unable to load SMTP page. 12. Fix Redfish test fail on Check Account Service Accounts Method Privileges due to unexpect status code return.

	13. Fix There is an extra backplane object on BMC "Firmware Management" page. 14. Fix Operator can not have Full Access to Event Log. 15. Fix PATH '/redfish/v1/Chassis/StorageBackplane/Drives/Disk.Bay.0' status code should be 405 but it is 400. 16. Fix MEL is incorrect when restore to factory default. 17. Fix Logging out with enabled SMTP alert will create three MEL entries. 18. Fix Null user test failed, created null users are not displayed on users page. 19. Fix SUM -- Failed to Set LAN Auto Configuration DHCPv6Mode Configuration. 20. Fix [MEL-0093] string not match with LAN Interface option naming. 21. Fix IPV6 -- Fail to set Alternative DNS server IP through SMCIPMITOOL. 22. Fix Validate Access with OOB and No License should switch to newer UI behavior. 23. Fix the X12X13_BMC_UI_Spec specification does not define the "Security Icon" and "Security Page"of ROT 2.0. 24. Fix Redfish Inconsistency.

Release Notes from Previous Release(s) – *these will be appended at the bottom of the current release notes in italic and in smaller print*

01.01.23 (10/24/2023)

1. Hostname update/remove has duplicate record in MEL
2. Keep unique password when restore IPMI config
3. Perform the "-lani 0" command on X13DET-B will show the error message "Failed to set the LAN interface. Completion Code=FFh"
4. Redfish has 3 TC fails
5. Username string length only support to 16 not 31 for SNMPv3
6. "Edit" and "Connect" icon should be translated to Simplified Chinese and Japanese at Virtual Media page.
7. Some function of Account Services/Network/BMC Settings could be configurable by "User Privileges".
8. Keep unique password when restore IPMI config
9. Block reserved address when patching IPv6StaticAddresses property of EthernetInterfaces
10. AOC-S25GC-i2S thermal sensor will lose when execute dc onoff test item
11. User only can enter 63 characters for SNMPv3 Authentication Key and Encryption Key
12. IPMI ECO Automation tests Failure
13. Username string length only support to 16 not 31 for SNMPv3
14. Sensors changed abnormally once sensor type category is selected
15. The order of LAN Interface on WebUI not follow SPEC
16. Hot plug issue in both Windows and Linux OS
17. System hang on POST code "A2" after executing AC on/off

01.01.13 (08/31/2023)

1. Fix RMCP connection lost during SPM test
2. no U.2 NVMe temperature when install INTEL SSDPE2MD800G4
3. Connect button doesn?t work at Virtual Media page.
4. IPMI ECO redfish automation has 4 fails
5. VLAN Tagging test failed
6. IP Access Control page can be edited/deleted by user privileges

01.01.07 (07/10/2023)

1. Hostname update/remove has duplicate record in MEL
2. Keep unique password when restore IPMI config
3. Perform the "-lani 0" command on X13DET-B will show the error message "Failed to set the LAN interface. Completion Code=FFh"
4. Redfish has 3 TC fails
5. Username string length only support to 16 not 31 for SNMPv3
6. "Edit" and "Connect" icon should be translated to Simplified Chinese and Japanese at Virtual Media page.
7. Some function of Account Services/Network/BMC Settings could be configurable by "User Privileges".
8. Keep unique password when restore IPMI config
9. Block reserved address when patching IPv6StaticAddresses property of EthernetInterfaces
10. AOC-S25GC-i2S thermal sensor will lose when execute dc onoff test item
11. User only can enter 63 characters for SNMPv3 Authentication Key and Encryption Key
12. IPMI ECO Automation tests Failure
13. Username string length only support to 16 not 31 for SNMPv3
14. Sensors changed abnormally once sensor type category is selected

15. The order of LAN Interface on WebUI not follow SPEC
16. Hot plug issue in both Windows and Linux OS
17. System hang on POST code "A2" after executing AC on/off

01.01.06 (06/28/2023)
1. AOC thermal sensor lose when run DC ON/OFF .
2. IPMI ECO Automation tests Failure (TC4010)
3. IPMI cannot detect the U250 sensor
4. Fixed Login RADIUS account issue.
5. IPMIECO Automation test failed (Networking)
6. During System Lockdown, Date and Time Auto Daylights Savings Time switch is not disabled when it should be.
7. "background-color" of input field on both "Network" and "Port" tabs are as same as page background.
8. Operator health event log advanced settings disabled; License activation Upload button enabled for admin even when no private key file is selected; and one more...
9. The content loss and incorrect of Share LAN when set option to "Shared-AIOM2" , " Shared-AOC" , " Shared-AIOM1".
10. "Enable TSIG Authentication" switcher doesn't disable when DDNS is off.
11. Failed Login Attempt Lockout Threshold radio buttons aren't all disabled for Operator and User privilege.
12. Power state ICON not refresh after power cycle complete.
13. Syslog packet not follow RFC3164

01.01.04 (06/09/2023)
1. Upgrade the EnternetInterface version from v1.6.2 to v1.6.3 to align spec.
2. Dark Theme update
3. Support new Intel PVC GPU (DID: 0x0BDA)
4. BMC networking issues
5. Radius packet not follow RFC2865"
6. Authentication Protocol and Encryption Protocol Range setting is not match Wiki SPEC.
7. The error message incorrect when launch more than 4 iKVM sessions.
8. VM cannot save valid IPv6 address with port.
9. iKVM default setting is not HTML5 after factory default.
10. "Number" should be translated to Simplified Chinese and Japanese at Virtual Media page.
11. "Export to Excel" button should be translated to Simplified Chinese and Japanese at Sensor page.
12. User name string length only support to 16 not 31 for SNMPv3.
13. Auto Daylight Savings Time switcher doesn't disable for the Operator and User privilege.
14. Enable a prompt window similar to the one for switching on lockdown mode.
15. BIOS automation TC 5006 failed
16. Unable to display information when the LAN interface is in shared mode.

01.01.03 (05/26/2023)
1. Retrieve BIOS version from 'OFID'
2. KVM launched and closed MEL should display user ID
3. Support BPN-NVME5-HS219N-S24 SATA mode on JRSI2C1
4. Auto Daylight Saving Time
5. Task Queue & Task List
6. Redfish 2020.3 related feature
7. Buttons and icons of Virtual Media page can operate while System Lockdown enable
8. With HBM CPU, only partial memory modules are listed in IPMI Web GUI memory info
9. Fixed BMC GUI sensor arrangement order is not stable.
10. Fixed VM mount issue
11. Fixed IPMI Lan set ipsrc for dhcp to static IP missing.
12. Fixed Unable to close popup window under System lockdown mode
13. AD related MEL should not shown when setup LDAP and Radius
14. User is able to click delete button on system lockdown mode
15. Fixed DMTF/Redfish standard API support test failed
16. Webgui crashed after uploading product key with invalid file
17. Fail to use SecureErase with SAS 3816 IR card
18. IP changed after running raw command
19. Network Setting Page Can Now Save With Only 1 Dedicated LAN Speed Capability
20. System Lockdown Storage Monitoring Physical View buttons are enabled

21. [Redfish] expect length of Service Addresses to be 1 but is actually 3
22. Change BIOS password fail
23. MEL Log msg is incorrect when configure Syslog.
24. Fixed chassis intrusion reset button not grey out issue when System Lockdown Mode is on
25. AOC-S25G-m2S sensor temp drop

01.00.36 (04/14/2023)
First release