***Notes to Release Notes Authors***

* *All fields must be completed; please indicate as “N/A” if not applicable.*
* *Release Notes should document functional changes, dependencies, bug fixes and added features.*
* *Release Notes must not mention the methods of implementation and/or internal processes.*
* *Release Notes must not mention of silicon errata and/or other external causations.*
* *Release Notes must not mention confidential/proprietary information and/or trade secrets of Supermicro or any third party.*
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**IPMI Firmware / BIOS Release Notes Form**

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| **Product Name** | **A2SDI-HLN4F series** |
| **Release Version** | **3.84** |
| **Release Date** | **8/30/2019** |
| **Previous Version** | **3.80** |
| **Update Category** | **Critical** |
| **Dependencies** | **None** |
| **Important Notes** | **None** |
| **Enhancements** | **N/A** |
| **New features** | **1. Populated NAS-Identifier (rfc2865, 5.32.0) with BMC-specific string.**  **2. Enabled logging multiple HDDs as absent at the same exact second as a StorageController type event in order to remind the user about possible component-related problem (e.g., storage controller, cable, or backplane error).** |
| **Fixes** | **1. Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.**  **2. Fixed abnormality of sensor readings after sorting.**  **3. Fixed problem of SEL showing error message after AOC-S3108 updates firmware.** |

***Release Notes from Previous Release(s)***

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| ***3.80 (2/14/2019)***  *1. Improved multi-language content on the iKVM/HTML5 option menu and submenu.*  *2. Changed FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition.*  *3. Added patch for CVE-2019-6260 pantsdown.*  *4. 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.*  *5. Added support for Redfish firmware inventory (BIOS/BMC update).*  *6. Added support for NVIDIA V100.*  *7. Added parameter (SkipCheckingME) for BIOS EnterUpdateMode in Redfish to skip ME checking.*  *8. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish.*  *9. Added support for Node Manager feature in Redfish.*  *10. Added new feature for GUID/BoardID in Redfish.*  *11. Added new feature for event data extension in Redfish.*  *12. Added support for Redfish TaskMonitor.*  *13. Implemented Redfish APIs for SSM.*  *14. Implemented Redfish APIs for SUM.*  *15. Added new Redfish features for downloading and uploading IPMI configuration.*  *16. Revised Redfish "Actions" for clearing event log.*  *17. Enabled AC Power On Event log.*  *18. Added Redfish memory information feature.*  *19. Fixed failure of SUM 2.0.1 Test.*  *20. Fixed failure of SUM "Test\_case\_215 Outband - ChangeBmcCfg and compare".*  *21. Fixed inability to disable LDAP Authentication immediately after enabling it.*  *22. Fixed problem of product serial number being incorrect when it is longer than 15 characters and written in IPMI FRU.*  *23. Fixed inability to open the 4th IKVM session in Redfish.*  *24. Fixed problem of IPMI BMC/Onboard LAN MAC address not showing as 00:00:00:00:00:00.*  *25. Fixed inconsistency in format of IP address on System page.*  *26. Fixed missing space between two words.*  *27. Corrected SNMP behavior and made it identical to X11.*  *28. Fixed inconsistency in format of BMC MAC address.*  *29. Fixed problem of power consumption history showing minimum power as 0W.*  *30. Fixed incorrect grammar of some text.*  *31. Fixed problem of 'M' not following after one period in 'R.P.M'.*  *32. Fixed incorrect grammar in the alert Window.*  *33. Fixed malfunction of IPMI Alert email.*  *34. Fixed inability to delete Role Group in Active Directory page.*  *35. Fixed timeout of Invalid Default Active Directory.*  *36. Fixed failure of the button to switch to upload in floppy disk after unmounting a file.*  *37. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content.*  *38. Fixed problem of Redfish 500 being returned when NetworkProtocol is patched after factory default.*  *39. Fixed failure of Redfish API test.*  *40. Fixed grammar error on Event Log page.*  *41. Fixed failure of Redfish automation test.*  *42. Set AC Power On Event log to be reported when BMC executes cold reboot.*  *43. Fixed problem of degraded & unavailable SEL event appearing after Broadcom 3108 firmware is updated.*  *44. Fixed inability to set NM power policy successfully by Redfish API.*  *45. Fixed failure to use SMCIPMITool to add AD group name & domain.*  *46. Fixed inability to open Java iKVM when using domain name to log in to BMC.*  *47. Fixed problem of duplicated events related to BRCM3108 occuring at the same time.* |

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*Product Manager Date*