

BMC Firmware Release Notes Form

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Product Name	X13DDW-A
Release Version	1.03.05
Build Date	11/07/2024
Previous Version	1.02.09
Update Category	Recommended
Dependencies	None
Important Notes	<ul style="list-style-type: none">SMC-2024010010 Command Injection attack.SMC-2024010011 XSS attack.(CVE-2023-33413) SMC-2024010012 Command Injection attack.The BMC configuration file generated in BMC firmware older than Rev. 01.01.14 can't be imported.
Enhancements	<ol style="list-style-type: none">WEB — Should have error tips if cannot save invalid email format address (at SMTP page and Alert Page).HTTP server support for Feature flags via Redfish.KCS Enhancement — Disabled KCS via Redfish.[IPMI 01.05.01] The test for 'HTTP server support for Feature flags via Redfish' has failed.DMTF Compliance — Target URI of UpdateService.Non-OEM messages of task monitor of simple update with code 202 response payload.AOC/AIOM Enhancement.

	<p>8. Attestation Validation enhancement.</p>
New features	<ol style="list-style-type: none"> 1. [Ticket #299-00-231215-001] JNLP and SOL retirement. 2. On Board NVMe inject, eject. 3. Certificate support for HTTPS BOOT in Redfish. 4. Upgraded Redfish to 1.14.
Fixes	<ol style="list-style-type: none"> 1. Web Function — MEL-0072 wasn't logged after the SMTP alert mail was sent. 2. IPMITool — Valid ciphers list and the response of LAN print, channeled getciphers IPMI Copy Project Issue Link. 3. [AS-3015MR-H10TNR] PSU permutation found "Serial Number" does not change. 4. IPMITool — Command "dcmi get_temp_reading" returning C1 error on LBMC change items: <ol style="list-style-type: none"> i. Get DCMI temp reading Info Command. ii. Fix DCMI sensor info commands. iii. Add more comments to describe High-Level CMD (ipmitool dcmi get_temp_reading) seems to send wrong date. 5. [Auto][CombinedECO] Failed to compare PMinfo from SAA and DMI. 6. IPMITool — Changed ADMIN/root user's name and password. 7. iKVM — When opening more than maximum four sessions, return message does not follow SPEC definition sync up alert message to SPEC. 8. IPMITool — Get channel payload support for valid/invalid channel fail.

9. [Help] Default port number for LDAP is 389 and 'SSL' LDAP is 636.

10. Not record [MEL-0132] when iKVM resets with JAVA plug-in interface.
 [Auto] [Web] IKVM console will have no screen display when launching IKVM session more than one time via Chrome/Firefox/Edge.
 Web — [MEL-0132] Doesn't appear after closing all Java iKVM screens via iKVM reset.
 iKVM reset will not create "Deleted session" entries in the MEL when Java iKVM sessions are reset.
 Do iKVM reset with Java plug-in, no record of [MEL-0132] iKVM was closed successfully.
 Launch four JAVA iKVM sessions, reset iKVM, sessions are not disconnected, and unknown users are shown in User List.

11. Failed to download IPMI config file but MEL will successfully show information

12. [Web Func] NIC New Version does not show when updating NIC firmware.

13. Web — Air Cooling display area is unable to be expanded after expanding and collapsing a couple of times.

14. Web — Unable to save network config when IPv6 was in static mode.

15. [GUI] LDAP/Active Directory in Help page was not complete and there was a minor typo concern (about the mentioned part is PASS, still some minor strings mismatch as below).

16. [GUI] Virtual Media help page has some descriptions that are inconsistent with UI Spec definition.

	<p>17. [WD SN655] [SYS-122H-TN] [AS-1126HS-TN] IPMIWebGUI Storage Monitoring info inconsistent between AMD and Intel system.</p> <p>18. [Auto] [Web] The BMC web login page will show HTML source code after setting with Redfish.</p> <p>19. MEL and SEL were not found when changing the setting of memoryPFA and memoryHealthComp.</p> <p>20. BMC — Firmware update mode keeps circling when updating BIOS incorrect file.</p> <p>21. MEL-0258 description does not match MEL SPEC about VirtualMedia image fail to mount Copy Project Issue Link.</p> <p>22. Web — Help page should show Cooling instead of Fans and needed to add Air Cooling and Liquid Cooling descriptions.</p> <p>23. Web — IPv6 address error message disappeared after filling in gateway address.</p> <p>24. Web — IPv6 address can be nullable, which doesn't match 1.34 spec.</p> <p>25. Update (TEE): Release TEE version 0100.03.90</p> <ul style="list-style-type: none"> i. Fix (ROT2+): Supported CM owner to update CPLD. ii. Fix (ROT2+): Supported update CPLD from x14h14fwsignkey to x13h13fwsignkey. <p>26. Web — Hostname field behavior does not follow SW-PM definition when inputting over 63 characters.</p> <p>Web — Hostname last words will be removed if the length of hostname is beyond 63 characters.</p> <p>GUI — General hostname error message would cross the General area boundary.</p> <p>27. Network Duplicate IPv6 Behavior is inconsistent "Duplicate IPv6", "The property was duplicated in the request", "The requested data are duplicated."</p> <p>28. Web UI — Message word spelling error.</p>
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	<p>29. Web UI — Error Tip Mismatch: "It is Illegal" vs. "Invalid IPv4/IPv6 Address or Domain Name!"</p> <p>30. [BMC ECO 01.03.01 (08/28/2024)] SATC Redfish automation test fail.</p> <p>Redfish SATC automation test failed.</p> <p>31. Redfish — CECC/UECC ErrorCount doesn't count after sending error HEL.</p> <p>Memory CECC and UECC event log failed.</p> <p>[IPMI 01.05.01] Redfish SATC automation test has failed.</p> <p>32. Error message for IPv4 address, exceeds the diagram's range.</p> <p>[GUI] The frame of the IPv4 address error tips exceed the input diagram.</p> <p>[GUI] Error tips with IPv4 Address keep showing even input value is be changed to valid by switching back to Auto Obtain IP.</p> <p>Web — IPv4 address error message covers IPv6 area.</p> <p>[GUI] Frame of the IPv4 address error tips exceed the input diagram.</p> <p>[GUI] Error tips with IPv4 Address keep showing even input value is to be changed to valid by switching back to Auto Obtain IP.</p> <p>33. 'Reset BIOS' page exists in BMC web, which is supposed to be new feature of 14 platforms.</p> <p>Reset BIOS tab exists on the H13SRD-F.</p> <p>34. Special characters in the SMTP Server's Address field will give a full screen error instead of the expected "Invalid email address format" small tooltip.</p> <p>An ampersand and before the @ in the SMTP Sender's Address field will give an unexpected full-screen type error,</p>
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	<p>instead of the expected "Illegal email address format" tooltip.</p> <p>WEB — Should have error tips if cannot save invalid email format address (at SMTP page & Alert Page).</p> <p>[Redfish] PATCH EventService SMTP with valid FromAddress will return 400.</p> <p>[Each Field] SMTP Sender Address Review for special character support.</p> <p>35. [IPMIECO 01.03.02] Chassis Intrusion Reset button will be missing after zooming in or out the web browser.</p> <p>36. Description of SNMP account Users in Help page is inconsistent with each field spec and actual BMC web.</p> <p>37. Cleared all policies fail under X13DDW-A.</p> <p>38. Fixed unexpected "The path of Process sshd is not correct" SEL message.</p> <p>39. [Security] LDAP baseDN allows unrestricted input and return 500 error on H14DSG-O.</p> <p>[Security] Unrestricted input on LDAP baseDN at X12DGO-6.</p> <p>40. [DVT] RADIUS service does not work with IPv6.</p> <p>41. BMC — IPv6 address should be non-nullable when in static mode.</p> <p>42. WEB — Should not record [MEL-0138] when only config Sender's Address.</p> <p>43. [DVT] boot.avi size is 0B when setting 'Record until POST ends' at Console Capture Video.</p> <p>44. [EVT] Unable to detect FAN Health Status and FAN Speed on IPMI WEB GUI.</p> <p>[EVT] Onboard Fail LED is not blinking when FAN pin got removed.</p> <p>45. Cannot upload valid SSL certificate and private key.</p>
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	<p>46. Modified xxxx_dhcp6c.conf-stateful to execute "dhcp6c-script", Modified dhcp6c-script to check "IPV6USEDNS", added "Domain" and "DNS", and modified dnsserver_updater to update "DNS Server1 IP" and "DNS Server2 IP".</p> <p>47. [DVT] Unable to restore UID control after reloading saved IPMI configuration.</p> <p>48. Redfish — Unable to get Processor information.</p> <p>49. AllowableValues for Targets parameter at /redfish/v1/UpdateService/Oem/Supermicro/InstallActionInfo and /redfish/v1/UpdateService/SimpleUpdateActionInfo is missing the initial forward slash</p> <p>50. Redfish — GET /redfish/v1/Systems/1/Memory/1/EnvironmentMetrics will return 500 instead of 200.</p> <p>51. NTP disabled. No date, time, and time zone control in BMC.</p> <p>52. [SCC_v3.4.0_b240503] Power Supply Health and State are abnormal on SYS-221GE-TNHT-LCC.</p> <p>53. Modified related IPv6 commands for SAA and SUM validations. Set/Get Static IPv6 address when BMC in Stateless or Stateful modes (DHCPv6) using IPMI (OEM) commands.</p> <p>54. iKVM — When open more than maximum sessions, return message does not follow SPEC definition.</p> <p>55. [SMCIPMITool] — Unable to clear IPv6 address via SMCIPMITool.</p> <p>56. The SOL connection will close when SAA.efi attempts to update BMC using the –doverwrite_cfg options.</p> <p>UEFI SAA - TC3003 - BMC Management - UpdateBMC with –overwrite_cfg –overwrite_sdr.</p>
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	<p>UEFI SAA - TC3007 - BMC Management - UpdateBMC with – overwrite_ssl –overwrite_cfg.</p> <p>57. WebUI - TC4017- Fixed IPMI IP will be replaced or lost. CombinedECO SAA- TC0005 - Connection through dedicated LAN with static IP. CombinedECO SAA- TC0007 - Connection through on-board LAN1 with static IP.</p> <p>58. [Redfish] Assert severity does not match with 1.36 SEL SPEC.</p> <p>59. BMC can get stuck in FW update mode.</p> <p>60. [Function] — General Hostname field can fill in 64 characters which does not match with the Spec definition.</p> <p>61. iKVM — When open more than maximum four sessions, return message does not follow SPEC definition.</p> <p>62. When IPv6 Address and Gateway IP are blank, saving Prefix Length as 64 or 1 reverts to blank after save.</p> <p>63. [GUI] — License Management help info page description is inconsistent with UI Spec and BMC web.</p> <p>64. Dashboard failed to display Host IPv6 address after adding six addresses by IPMI RAW command (30 68 09 01).</p> <p>65. [Security] CPLD Golden Update allowed parameter partial match.</p> <p>66. MemoryMetrics at Redfish URI redfish/v1/Systems/1/Memory/num has OperatingSpeedMhz instead of OperatingSpeedMHz.</p> <p>67. Log entries from OEM sensors at Redfish URI redfish/v1/Systems/1/LogServices/Log1/Entries/num do not have a SensorType property eventhough OemSensorType is present.</p> <p>68. [AS-1126HS-TN_EVT_H4B0][AOC-STGF-I2S] AOC-STGF-i2S should not show the link status under BMC UI.</p>
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	<p>[AS-1126HS-TN_EVT_H4B0][AOC-AG-i2M] AOC-AG-i2M should not show the link status under BMC UI.</p> <p>69. [Security] Out-of-bounds read/write at X13 and X12 IPMI (sdrs_checksum, Sensor_Init_Agent).</p> <p>70. GUI — IP Access Control Help page is inconsistent with UI specs.</p> <p>71. [IPMI 01.04.06 ECO] IPMI ECO automation test fail.</p> <p>72. BMC — After changing SMTP setting, [MEL-0352] does not generate successfully.</p> <p>73. BMC — The description of [MEL-0133] and [MEL-0134] does not follow the SPECs.</p> <p>74. [MEL-ID] for changing controller configuration.</p> <p>75. [AS-1126HS-TN_DVT_H3] BMC Web UI cannot show the current memory operating speed Copy Project Issue Link.</p> <p>76. License Management help info page description is inconsistent with UI Spec and BMC web.</p> <p>77. Certificate support for HTTPS BOOT in Redfish.</p> <p>78. Memory Operating Speed present incorrect in Web GUI.</p> <p>79. OpenSSH CVE-2024-6387 (regreSSHion).</p> <p>80. Supported RTX4500 ADA.</p> <p>81. After adding six addresses through the IPMI RAW command (30 68 09 01), C4 will not be returned when it exceeds the range.</p> <p>82. Web Function — Redfish alert event context message isn't complete.</p> <p>Web — Redfish and SMTP test event is inconsistent between HW1 and SW.</p> <p>Web Function — Redfish alert event context message isn't complete.</p> <p>83. Web — IPMI Configuration Prompt Message does not match the specification.</p>
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**84. Not defined [MEL-0xxx] is shown when setting up Network
IPv6 Copy Project Issue Link Update IPv6AddrDadfailed MEL
as wiki definition.**

**85. X12SPM An ampersand and before the @ in the SMTP
Sender's Address field will give an unusual error.**