# BMC Firmware Release Notes Form

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| **Product Name** | **X13DEM** |
| **Release Version** | **1.03.09** |
| **Build Date** | **6/10/2024** |
| **Previous Version** | **1.02.29** |
| **Update Category** | **Recommended** |
| **Dependencies** | **None** |
| **Important Notes** | <ul><li>**SMC-2024010010 Command Injection attack**</li><li>**SMC-2024010011 XSS attack**</li><li>**(CVE-2023-33413) SMC-2024010012 Command Injection attack**</li><li>**The BMC configuration file generated in BMC firmware older than Rev. 1.02.xx can't be imported.**</li></ul> |
| **Enhancements** | 1. **[ENGINEERING] – Added RSA2048 key for license server from new IT HSM.** |
| **New features** | 1. **[ENGINEERING] – Redfish Upgrade 2021.2, RF1.14.** |
| **Fixes** | 1. **[Security] The vulnerability of the XSS attack on the KVM help page at X14SBM. [177460] [Security] The XSS attack on local storage value at X12STW.**<br>2. **Automation test fail due to incorrect MCU format.**<br>3. **DDNS Accepting Invalid Characters.**<br>4. **[ENGINEERING] Fixed LAN setting will change when rebooting BMC.** |

5. Redfish @odata.etag properties do not include surrounding "" double quotes.
6. [ENGINEERING] – Updated Fan list sort rule.
7. [ENGINEERING] – The System button of the Dashboard has no reaction.
8. [ENGINEERING] – Updated slot format of Physical Storage view.
9. [ENGINEERING] – Adjusted license of OemDumpService.Collect.
10. [ENGINEERING] – Updated the SSDP Redfish version and fixed possible exceptions.
11. DDNS Showing Incorrect Error Message.
12. FAN icon does not change to Red Critical when FAN fail happens on BMC WebUI.
13. [ENGINEERING] – WEBUI HDD Temp and SSD Temp show null and correct Drive Status.
14. [ENGINEERING] – Redfish 2021.2 failed to GET /redfish/v1/UpdateService/FirmwareInventory/Backplane_1_CPLD_1.
15. At no license/OOB license, the Mark as Acknowledged button does not show a hover text message requiring a DCMS license on the HEL page. [176341] – With no license and OOB license, the Health Event Log Mark as Acknowledged button and Clear Acknowledgements button are disabled and do not show hover text message requiring a DCMS license. [176369] – With No/OOB License, Mark as Acknowledge button in HEL shall prompt up the License Require diagram.
16. LDAP's StartTLS isn't in the UI spec definition.
17. [ENGINEERING] – Removed PMEM SDR from X13 and B13 generation system monitoring.
18. Misspelled "necessary".

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| | 19. Enhanced the help page for Java iKVM to add OpenJDK information. |
| | 20. [ENGINEERING] – Missing LAN an Active Interface when setting Static IPv6. |
| | 21. Updating the Backplane, Midplane, Fan/CPU/AIOM/AOM board CPLD all should now present MEL ID with the MEL. |
| | 22. [ENGINEERING] – Corrected CPU VCCON threshold. |
| | 23. PMEM sensor should be removed. |
| | 24. SPSversion in Redfish BIOS FW inventory URI not showing the correct version. |
| | 25. IPMI Eject all NVMe drives failed with exception. |
| | 26. SYS-120TP-DTTR No log event is shown in the maintenance event log when activating OOB license key with SUM in-band. [174506] SSG-610P-ACR12N4H Pilot Run – No log event is shown in the maintenance event log when activating the OOB/DCMS license key with SUM in-band. |
| | 27. [ENGINEERING] – Removed Action of ResetToDefault parameter "PreserveNetwork". |
| | 28. Sensors threshold \'LowNR\', \'Low CT\', and \'High NR\' show empty for Temperature Type. |