

BMC Firmware Release Notes

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Product Name	X13DEE
Release Version	1.01.08
Build Date	07/26/2023
Previous Version	N/A
Update Category	Recommended
Dependencies	None
Important Notes	***Note 1: If your board is running debug FW, please cap JPFR2 jumper then update debug signed FW. ***Note 2: BMC version 00.03.00 start using X13 production signed key. You cannot downgrade to 00.03.00 below. ***Note 3: BMC version 00.03.02 start supporting OTP provision. Once BMC FW goes here, the previous fw cannot be downgraded. ***Note 4: BMC version 01.01.00 start supporting Redfish Host interface driver ECM, and BIOS update required.
Enhancements	<ol style="list-style-type: none">1. Retrieved BIOS version from 'OFID'.2. Added Security States Monitoring in Redfish.3. Extended the size limitation of certificate and key file.4. Added Upgrade X13 crashdump version to 2.0.2.5. Improved AST2600 blades (B4, B12, B13) linkup when connected with CMM-6.6. Enabled "Redfish method" to set BMC LAN interface.7. Enabled StatelessAddressAutoConfig in Redfish ethernetInterface8. Set HTML5 console as default selection to enhance performance.9. IPv6 auto-config option will be enabled after setting others network parameters to enhance performance.10. Enabled "Motherboard CPLD Golden Image Version Display" support. Support Motherboard CPLD Golden Image Updates.11. BMC reset for new SSL certificate to take effect.12. Support blade to receive CMM/CMM-6 firmware version.13. Modified the data length check of OOB preserve command - 0x30 0xA0 0x15 -for correct UUID format.

	14. Enhanced: Network Setting Page Can Now Save With Only 1 Dedicated LAN Speed Capability.
New features	<ol style="list-style-type: none"> Added Auto Daylight Saving Time. Added support for fixed boot order. Upgraded EthernetInterface version to align with specs. New feature added to accept IP access control with prefix 0 New feature added: Task Queue & Task Lis.
Fixes	<ol style="list-style-type: none"> Remove duplicate records in MEL for updating/removing Hostname. Translate "Edit" and "Connect" icons to Simplified Chinese and Japanese on the Virtual Media page. Remove functions in Account Services/Network/BMC Settings that could be configured by "User" Privilege. Restore IPMI configuration should restore unique password. Block reserved address when patching IPv6StaticAddresses property of EthernetInterfaces. Allow 64 characters for SNMPv3 Authentication Key and Encryption Key. Prevent sensors from changing when the sensor type category is selected. Reorder LAN Interfaces on WebUI. Ensure JAVA KVM functions with the Operator account. Correct inability to login using RADIUS. System Lockdown function should disable SystemLockdown and Date and Time Auto Daylights Savings Time switches. License activation Upload button should not be enabled when no private key file is selected. Dynamic DNS Server Address default value not match with each field definition "Enable TSIG Authentication" switch should be disabled when DDNS is off. Failed Login Attempt Lockout Threshold radio buttons should be disabled for Operator and User privileges. Enforce RFC3164 for Syslog packets. Conform Authentication and Encryption Protocol Range settings for SNMPv3. Correct Virtual Media cannot save a valid IPv6 address with the port. Conform to RFC2865 for RADIUS packets. Ensure iKVM default setting is HTML5 after factory default. Translate "Number" to Simplified Chinese and Japanese on the Virtual Media page. Translate "Export to Excel" to Simplified Chinese and Japanese

	on the Sensor page.
23.	Support 31 characters for User name for SNMPv3.
24.	Auto Daylight Savings Time should not be enabled for Operator and User privileges.
25.	BMC no longer displays a dialog indicating system lockdown will be turned on when <i>disabling</i> Lockdown Mode.
26.	Virtual Media mount and unmount will no longer be enabled during System Lockdown.
27.	Virtual Media page controls should not be allowed to function when System Lockdown is enabled.
28.	Enforce consistent BMC GUI sensor sort order.
29.	Correct IP SRC for DHCP to static IP sometimes doesn't get displayed.
30.	Generate MEL event log after switching from "NTP enable" to "Sync From CMM".
31.	Show correct error message when launching more than four iKVM sessions.
32.	The health event log (SEL Version, Free Space, Recent Added /Erased time is empty
33.	Removed rollback ID configuration page, rollback ID always updated when updating firmware.
34.	Lost PFR image version on web.
35.	Failed to install OS by virtual media HTML5 sometimes.
36.	Content-Length value was different from the Message Body length.
37.	Response was incorrect when clearing IPv6 null address via smcipmitool.
38.	No MEL ID for event "Date and time" was configured to Sync From CMM successfully.
39.	Prompt message should be translated to Simplified Chinese and Japanese at IP Access Control.
40.	"Duplicated Data" prompt message was not corresponding on selected "Policy"(ACCEPT/DROP).
41.	No MEL was generated when attempting to login with wrong password on Web.
42.	SOL text was shown incorrectly on BH12SSi platform.
43.	Intel power capping.
44.	Avoid path traversal payload download/delete files.
45.	Added Network AOC inserted in WebUI.
46.	Misc webUI fixes.
47.	Fixed - BMC did not displaying capacity for Kioxia CD6 drive in BMC WebGUI.
48.	Corrected HTTP error message format for X12, X13 Redfish (/redfish/{string}.IKVM).
49.	The password for factory setting should be unique password.
50.	Correctly return Redfish data for

	(/redfish/v1/AccountService/Accounts/{num})
51.	When NTP disabled, user could not modify timezone from WEB.
52.	Date and time: Sync From CMM toggle button did not look normal.
53.	Inability to turn Web Port OFF.
54.	Port save without changes error message.
55.	CPU In Yellow Health Status after Flashing IPMI FW 1.00.28.
56.	Fixed - "System" tab on IPMI webUI kept turning yellow during "On/Off" test with only on IPMI version 01.00.28.
57.	IPMI config web session not saved.
58.	Not clear MEL when saving hostname.
59.	All Sensors Dropping During DC OnOff Testings.
60.	New added link IPV6 addresses were unavailable.
61.	The Introduction about Remote Control was incorrect on HELP page.
62.	Patch NameServers twice through Redfish would cause the web service to hang.
63.	No MEL was generated when modifying SAS BIOS Boot Mode.
64.	Failed to display Power info through webUI.
65.	IPMI incorrect Battery status Reading.
66.	Missing Sensor M2SSD2 Temp.
67.	Unable to close popup window under System lockdown mode.
68.	AD related MEL should not be shown when setting up LDAP and Radius.
69.	Enabled user should not be able to click on delete button during system lockdown.
70.	Webgui crashes after uploading product key with invalid file.
71.	IP changed after running raw command.
72.	KVM launched and closed MEL should display user ID.
73.	System Lockdown Storage Monitoring Physical View buttons are enabled while drive selection is disabled.
74.	Correct Redfish expect length of ServiceAddresses.
75.	Unable to change BIOS password.
76.	MEL Log msg was incorrect when configure Syslog.
77.	Saving Syslog produces MEL even when there are no changes in the values.
78.	BMC would lose connection after executing some commands with smcipmitool
79.	Blade BMC user would sometimes get locked