BMC Firmware Release Notes Form

Product Name	**X12DSC-6**
Release Version	**01.04.03**
Build Date	**07/30/2024**
Previous Version	**01.01.14**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. **The power consumption is "0".** 2. **Upgraded OpenSSH from 9.3p2 to 9.8p1.**
New features	**None**
Fixes	1. **Fixed CVE-2023-4879 Terrapin Attack.** 2. **(CVE-2023-48795) SMC-2024010013 Terrapin Attack vulnerability SMC-2024010010 Command Injection attack SMC-2024010011 XSS attack.** 3. **(CVE-2023-33413) SMC-2024010012 Command Injection attack.** 4. **BMC fwUP between 01.04 and 01.01 introduced "Compromised" MEL message.** 5. **Redfish Automation test failed.** 6. **[GUI] — Auto DST help page description is inconsistent with UI Spec define** 7. **WEB — MEL Log msg is incorrect when only configure Network IP source to static.**

	8. Enhanced help page for Java iKVM to add OpenJdk information and some information to announce user how to open the JNLP file.
	9. Changing IPv4 to Static and back to DHCP produces "[MEL-0097] IPv6 AutoConfiguration was enabled successfully." and "[MEL-0097] IPv6 AutoConfiguration was disabled successfully.
	10. Log entries from OEM sensors at Redfish URI redfish/v1/Systems/1/LogServices/Log1/Entries/num do not have a SensorType property even though OemSensorType is present.
	11. MemoryMetrics at Redfish URI redfish/v1/Systems/1/Memory/num has OperatingSpeedMhz instead of OperatingSpeedMHz.
	12. Dashboard failed to display Host IPv6 address after adding 6 addresses by IPMI RAW command (30 68 09 01).
	13. Web Function — Deleting SNMPv2 Community does not produce MEL entry.
	14. Updated BIOS on next boot, Choose Requirements are not same as the original selection when trying to abort update.
	15. Web — Sensor severity filter malfunctioned when thresholds are enabled. Severity displayed incorrectly on sensor reading page.
	16. WEB — Should not "Disable" user success when user was in session. Web — Error message was unexpected when trying to disable logged in user.
	17. BMC – After updating BMC, MEL is not generated successfully.
	18. BMC – Failed to cancel BMC/BIOS update after entering update stage.
	19. BMC will be stuck after utilizing SSH to connect LDAP accounts.

20. When doing iKVM reset MEL will record extra messages '[MEL-0131] iKVM was launched successfully'.

Incorrect iKVM reset error code when opening more than 2-3 sessions. (code: 12592, reason: 01)

21. GUI – Help page does not match with WEB GUI (User: Account type).

22. SMCIPMITool (2.28.0_240411) — NTP time zone unexpectedly changed after setting up primary address.

23. Error return when upload "TSIG .key" and "TSIG.private" with 0kb file on DDNS page is not specific.

User is able to upload "TSIG .key" and "TSIG.private" with 0kb file on DDNS page.

24. WEB — DNS pop-up message description does not match SPEC.

IPv4 Server IP behavior is inconsistent with error tips.

IPv4 DNS Server IP behavior does not match with error tips.

25. IPv6 Help page has duplicate text "Please Note: Similarly,...the BMC should allocate a new IP address and discontinue the use of its previous IPv6 address."

26. [GUI] — IPv4/IPv6 help page description is inconsistent with UI Spec definition. Changed user into users, change dedicate into dedicated

27. No BIOS and BMC option for Inventory Recover when no License key is activated.

28. GUI — IP Access Control Help page is inconsistent with UI spec.

29. iKVM — When opening more than maximum sessions, return message is not follow SPEC definition.

30. SMCIPMITool static IPv6 address.

31. 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.
	32. **[Redfish] Assert severity does not match with 1.36 SEL SPEC.**
	33. **BMC can get stuck in FW update mode.**
	34. **iKVM — When opening more than maximum 4 sessions, return message does not follow SPEC definition.**
	35. **SNMPv3 description incorrect in HELP page.**
	GUI — SNMP in Help page is inconsistent with Actual WEB page.
	[GUI] Help page does not match with WEB GUI (Firmware Management/SNMP: User/Alert). Help should match with BMC WEB function.
	36. **When IPv6 Address and Gateway IP are blank, saving Prefix Length as 64 or 1 reverts them to blank after save.**
	37. **[GUI] — License Management help info page description is inconsistent with UI Spec and BMC web.**
	38. **MEL For KVM error.**