BMC Firmware Release Notes Form

Product Name	**X12DHM-6**
Release Version	**1.04.09**
Build Date	**7/15/2024**
Previous Version	**1.03.09**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	• **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. 01.03.14 can't be imported.**
Enhancements	1. **Followed all properties, and structures in the wiki (https://wiki.supermicro.com/index.php/NS_SWPM:SW_PM/RedfishAPIList/X12).**
New features	1. **BMC can get stuck in FW update mode.** 2. **Auto daylight saving function.**
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 01.03 introduces "Compromised" MEL message.

5. [ECO] Redfish Automation has four fails.

6. Web – RADIUS web elements are disabled without license activation. [171972] At clear / No License, Directory Service RADIUS switch is enabled, but RADIUS elements are disabled.

7. [MEL-0093] string does not match with LAN Interface option naming.

8. SNMP text may not match spec "Would you like to activate SNMP?" "Would you like to deactivate SNMP?".

9. IPMI Web - Network page IPv6 function confirmed when "Static IPv6" mode is changed to "DHCPv6 Stateful" mode, "DHCPv6 Stateful" mode can be changed but "Stateful" IP can't connect. [137215] IPMI Web - Network page "DHCPv6 Disabled" failed to change IPv6 to "DHCPv6 Stateful" mode, checked BMC only allowed "DHCPv6 Stateful" IP and "Local IPv6" IP to connect. [173167] Web – IPv6 gateway address isn't displayed when configuring to DHCPv6 stateful.

10. The MEL displayed when adding user via WEB UI and SMCIPMITool does not match.

11. Web – Virtual media 'Path to Image' error tips didn't fully display

12. Web Function – When IPv6 Address is blank, saving Prefix Length as 64 or 1 reverts to blank after save.

13. iKVM – When open more than maximum sessions, return message does not follow SPEC definition.

14. IPv6

15. WebUI - TC4017- Fixed IPMI IP will be replaced or lost. [178393] CombinedECO SAA- TC0005 - Connection through dedicated LAN with static IP.

	16. [Redfish] Assert severity does not match with 1.36 SEL SPEC.
	17. [Function] — General Hostname field can fill in 64 characters which does not match with the Spec definition.
	18. iKVM – When opening more than maximum four sessions, return message does not follow SPEC definition.
	19. SNMPv3 description incorrect in HELP page. [171307] GUI – SNMP in Help page is inconsistent with Actual WEB page [160245] [GUI] Help page does not match with WEB GUI (Firmware Management/SNMP: User/Alert) Help should match with BMC WEB function.
	20. [GUI] — License Management help info page description is inconsistent with UI Spec and BMC web.
	21. MEL For KVM error.