

# BMC Firmware Release Notes Form

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Product Name	X12DGO-6
Release Version	01.04.05
Build Date	7/24/2024
Previous Version	01.04.03
Update Category	Recommended
Dependencies	None
Important Notes	<ul style="list-style-type: none"><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. 01.03.14 can't be imported.</li></ul>
Enhancements	<ol style="list-style-type: none"><li>1. Upgraded OpenSSH from 9.3p2 to 9.8p1.</li></ol>
New features	<ol style="list-style-type: none"><li>1. BMC can get stuck in firmware update mode.</li></ol>
Fixes	<ol style="list-style-type: none"><li>1. Enhanced help page for Java IKVM to add OpenJdk information and added some information to announce to users how to open the JNLP file.</li><li>2. Changing IPv4 to Static and back to DHCP produces "[MEL-0097] IPv6 AutoConfiguration was enabled successfully."</li></ol>

3. Logged 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.
4. MemoryMetrics at Redfish URI  
**redfish/v1/Systems/1/Memory/num** has OperatingSpeedMhz instead of OperatingSpeedMHz.
5. Dashboard failed to display Host IPv6 address after adding six addresses by IPMI RAW command. (30 68 09 01)
6. Web Function — Deleting SNMPv2 Community does not produce MEL entry.
7. Updated BIOS on next boot, Choose Requirements are not same as the original selection when trying to abort update.
8. Web — Sensor severity filter malfunctioned when thresholds are enabled.  
Severity displayed incorrectly on sensor reading page.
9. WEB — Should not "Disable" user success when user was in session.  
Web — Error message was unexpected when trying to disable logged in user.
10. BMC — After updating BMC, MEL does not generate successfully.
11. BMC — Failed to cancel BMC/BIOS update after entering update stage.
12. BMC will be stuck after utilizing SSH to connect LDAP accounts.
13. 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)
14. GUI — Help page does not match with WEB GUI (User: Account type).
15. SMCIPMITool (2.28.0\_240411) — NTP time zone unexpectedly changed after setting up primary address.

	<p>16. Error return when uploading "TSIG.key" and "TSIG.private" with 0kb file on DDNS page is not specific.</p> <p>17. WEB — DNS pop-up message description does not match SPECs. IPv4 Server IP behavior is inconsistent with error tips.</p> <p>18. 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."</p> <p>19. [GUI] — IPv4/IPv6 help page description is inconsistent with UI Spec definition. Changed user into users, changed dedicate into dedicated.</p> <p>20. [GUI] — LDAP/Active Directory in Help page is not complete and there is a minor typo — LDAP: No instruction of StartTLS function — Active Directory: No instruction of DNS Lookup/Domain Name/Static Server Address, and Server Address typo.</p> <p>21. No BIOS and BMC option for Inventory Recover when no License key is activated.</p> <p>22. [GUI] — Virtual Media help page has some descriptions that are inconsistent with UI Spec definition. Help page Virtual Media Edit VM Connection Password shows "...a-z, A-Z, 0-9 ^... "; missing a comma.</p> <p>23. GUI — IP Access Control Help page is inconsistent with UI spec.</p> <p>24. iKVM — When opening more than maximum sessions, the return message does not follow SPEC definition.</p> <p>25. Static IPV6.</p> <p>26. 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>27. [Redfish] Assert severity does not match with 1.36 SEL SPECs.</p>
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	<p><b>28. [Function] — General Hostname field can fill in 64 characters which does not match with the Spec definition.</b></p> <p><b>29. iKVM — When open more than maximum four sessions, return message does not follow SPEC definition.</b></p> <p><b>30. SNMPv3 description incorrect in HELP page.</b></p> <p>SNMP in Help page is inconsistent with the actual WEB page.</p> <p>[GUI] Help page does not match with WEB GUI (Firmware Management/SNMP: User/Alert). Help page does not match with BMC WEB function.</p> <p><b>31. When IPv6 Address and Gateway IP are blank, saving Prefix Length as 64 or 1 reverts to blank after save.</b></p> <p><b>32. [GUI] — License Management help info page description is inconsistent with UI Spec and BMC web.</b></p> <p><b>33. MEL for KVM error.</b></p>
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