

# BMC Firmware Release Notes Form

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Product Name	X12DPG-OA6-GD2
Release Version	01.06.09
Build Date	4/11/2025
Previous Version	01.05.24
Update Category	Recommended
Dependencies	None
Important Notes	<ol style="list-style-type: none"><li>1. SMC-2024010010 Command Injection attack.</li><li>2. SMC-2024010011 XSS attack.</li><li>3. (CVE-2023-33413) SMC-2024010012 Command Injection attack</li><li>4. The BMC configuration file generated in BMC firmware older than Rev. 01.03.14 can't be imported.</li></ol>
Enhancements	<ol style="list-style-type: none"><li>1. [Customer issue] — KLA GPT format ISO image mounted but failed to boot from this ISO.</li><li>2. [ENGINEERING] — Added IPMI OEM CMDs 0x30 0x68 0xf9 BMC, Hii, and host interface status.</li><li>3. [ENGINEERING] — Enhanced CPLD and write operation during BMC FW Update.</li></ol>
New features	<ol style="list-style-type: none"><li>1. [ENGINEERING] — Added rule of Redfish resources "Health" and "HealthRollup" properties in chassis and systems.</li><li>2. [ENGINEERING] — Updated SEL Spec 1.40, MEL Spec 1.09, and IPMI Spec 2.02.</li></ol>

	<p>3. [ENGINEERING] — Supported SSO and 2FA.</p>
Fixes	<ol style="list-style-type: none"> <li>1. [ENGINEERING] — NVMe_SSDx Temp was missing somehow in X12 BMC 01.05.27 through 01.05.32.</li> <li>2. Redfish — NVMeSSD.0.Group.0.StorageBackplane/Drives/Disk.Bay.1 doesn't have Health key.</li> <li>3. IPMITool — Command DCMI discover returned data was different.</li> <li>4. The option of Auto reset system after CPU CATERR/IERR interrupt happens should keep its ON status in Operator permission.</li> <li>5. The descriptions of [MEL-0072] did not match the spec.</li> <li>6. Failed to receive SNMP trap for [IPMI-9036] and [IPMI-9040].</li> <li>7. OemDumpService.Collect failed due to return code is 400 but should be 403.</li> </ol> <p>Redfish — Check Operator Privilege failed on /Actions/OemDumpService.Collect.</p> <p>Operator Permission Privilege SYSTEMCRASHDUMP - AUTO_RESET_SYSTEM_SWITCH was not Enabled.</p> <p>[Redfish] POST request to collect dump failed via Operator role.</p> <p>Redfish Automation Operator Privilege Failure.</p> <ol style="list-style-type: none"> <li>8. [ECO] Redfish automation one fail test case.</li> </ol> <p>[ECO] Redfish automation fails.</p> <p>Issue "[IPMI ECO 01.03.34] Redfish automation tool check was a failure.</p> <p>Redfish — The Redfish version was inconsistent between the web and the release notes.</p> <p>[WEB] The Redfish version on the web doesn't match the release notes.</p>

9. BMC should support a maximum of four KVM sessions.  
 The maximum number of iKVM sessions that can be opened does not match the spec.

10. Dynamic DNS test was a fail.  
 Cannot access Hostname with Dynamic Update enabled.

11. User privilege was not able to see Full Info on Power page.

12. Syslog packet doesn't match the correct format. Showed '\n' at the end

13. Web Function — Date and Time should be read only.  
 [ENGINEERING] — Enabled Date and Time write permission.

14. [ENGINEERING] — Fan Zone duty cycle read failed in X12BMC 01.05.23 through 01.05.24.

15. Set invalid username and invalid password via IPMI.

16. [ENGINEERING] — Web GUI cannot modify the ADMIN password since X14 BMC 01.02.05.00.  
 [ENGINEERING] — Web GUI cannot modify the ADMIN password since X13 BMC 01.04.02.  
 [ENGINEERING] — Web GUI cannot modify the ADMIN password since X12 BMC 01.06.02.

17. The descriptions of [MEL-0444] did not match the spec.  
 AD page Port text field width did not follow 299-00-240516-001.  
 AD Port edit field length was not a match with SPEC. [299-00-240516-001]  
 Inventory page's expand icon size did not follow 299-00-240516-001.  
 Sensor search text field placeholder should be "Enter keyword here to search."  
 Health Event Log search text field should have placeholder "Enter keyword here to search."

	<p>Maintenance Event Log search text field should have placeholder "Enter keyword here to search."</p> <p>Change different directory service information alerts were incorrect when other directory service logged in.</p> <p>"Virtual Media" instructions should be updated on the help page.</p> <p>"LLDP" instructions should be updated on the Help page.</p> <p>Updated page's gap between text and square block does not follow 299-00-240516-001.</p> <p>Chassis ID Subtype's "t" should be lowercase.</p> <p>Remote Console Preview should put HTML5 button in front of Java.</p> <p>IPMICFG Download&gt;Select File button size does not follow 299-00-240516-001.</p> <p>SSL Certificates page's Select file button size should follow 299-00-240516-001.</p> <p>IP access control page's length between title and button needed more space.</p> <p>Unable to change destination address on the alert page via SAA.</p> <p>Users with Operator and User Roles should not have access to Unit Reset.</p> <p>Factory Default - UNIT_RESET_BUTTON was not disabled for User Role.</p> <p>Operator/User Privilege should be View Only on BMC Reset page.</p> <p>Unexpected [MEL-0002] should be logged when editing Local user's privilege.</p> <p><b>18. IPMITool — Unable to get the correct Sensor and SDR count using inband IPMITool RAW command.</b></p>
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**19. IPMITool — Get channel payload version for valid/invalid channel fail.**

**20. [UI] Supermicro Logo missing after Web login.**

**21. [Auto][WebFunction] SSDP Configuration fields disappeared after UI Idle Time.**

**22. Uploaded SSL certificate and private key successfully but time period was not changed.**

**23. No temp sensor reading on X13DET-B WEB GUI with latest BMC FW.**

**24. Supported DCMI set\_asset\_tag.**

**25. IPMITool — Failed to set LAN access off via OOB.**

**26. Console capture video size is 0B when setting "Record until POST ends."**  
**Console Capture video is zero bytes and has no content.**

**27. Web Function — Failed to connect UDP when SSDP was enabled.**

**28. Button frame style becomes abnormal after switching to the SNMP page and returning to the Alerts page.**

**29. BMC Web UI layout does not match with 299-00-240516-001 agreement.**  
**Recent Log Search text field should have placeholder.**

**30. [Auto][Web function] Operator Role should have View-Only permission for Console Capture Video.**  
**Operator privilege should be View Only in Maintenance-> Troubleshooting-> Console Capture page.**

**31. When the system lockdown mode was on, the unit reset button behavior was inconsistent with the RAW command.**

**32. RADIUS remains editable and able to be deleted when OFF, while LDAP and Active Directory buttons were grayed out when OFF.**

**33. SMCIIPMITool Automation Failure: TC: 0137 IPMI LAN IPv6.**

	<p>34. "PasswordSet" attribute missing in /redfish/v1/AccountService response.</p> <p>35. Unable to enable SNMPv2.</p> <p>Redfish automation test failed.</p> <p>36. Faulty message: "Please enable one directory service at a time !" has an extra space.</p> <p>37. [IPMI ECO 01.04.00] Automation test failure.</p> <p>Can't add user with SAA.</p> <p>[ECO] LAB IPMI ECO automation test. (LAB SMSTC Server) failed.</p> <p>38. [ENGINEERING] — IPMITool unable to open SDR for reading in X12 01.06.02.</p>
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