

# IPMI Firmware Release Notes Form

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<b>Product Name</b>	<b>G1SMH-G</b>
<b>Release Version</b>	<b>01.03.16</b>
<b>Build Date</b>	<b>07/31/2024</b>
<b>Previous Version</b>	<b>01.02.26</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>BIOS R2.0</b>
<b>Important Notes</b>	<b>BMC Image: BMC_SCMAST2600-ROT20-2501MS_20240731_01.03.16_STDsp.bin</b> <b>BMC Update Package: BMC_SCMAST2600-ROT20-2501MS_20240731_01.03.16_STDsp.zip</b>  <b>*It is critical to follow the proper sequence when updating the BMC.</b>
<b>Enhancements</b>	<b>1. Enhanced temperature management for BlueField-3. 2. Allow external account service password length for more than 20 3. Updated Redfish support for SN and PN from BPN FRU.</b>
<b>New Features</b>	<b>1. Added support for MCX75310AAS-H(N)EAT port temperature readings. 2. Added SmartNIC-related schema in Redfish. 3. Added XID log service in Redfish.</b>

Fixes	<ol style="list-style-type: none"> <li>1. Resolved issues with voltage (12V and 12VSB) and sensor readings.</li> <li>2. Fixed PFR Action with BMC recovery function from the golden image.</li> <li>3. Preserved SSL certificate during BMC firmware updates.</li> <li>4. Removed "PreserveNetwork" parameter in Redfish ResetToDefault action.</li> <li>5. Addressed unsupported IPMI OEM command 0x30 0x41 reset FRU</li> <li>6. Corrected Redfish API errors, including wrong string and etag formats.</li> <li>7. Fixed backward compatibility for "PreserveNetwork" in Redfish reset default.</li> <li>8. Addressed abnormal link status with MCX75310AAS-NEAT</li> <li>9. Resolved BMC Web disconnect issue after installing BlueField-3 B3220.</li> <li>10. Fixed FAN icon not changing to Red Critical on BMC WebUI.</li> <li>11. Updated SSDP Redfish version and fixed possible exceptions.</li> <li>12. Corrected "GPUx Temp" temperature reading mirror.</li> <li>13. Resolved inability to upload firmware and retrieve CPLD BPN info in Redfish.</li> <li>14. Allowed EventService RedfishEvent HTTPS with self-signed CA.</li> <li>15. Addressed BMC recovery function failure.</li> <li>16. Fixed buffer overflow vulnerability (CVE-2024-36435).</li> <li>17. Resolved SAS drives not listed under storage monitoring via Web GUI.</li> <li>18. Fixed issues with license controls in the Health Event Log.</li> <li>19. Corrected duplicated Inlet Temp sensor readings.</li> <li>20. Added BF3 900-9D3B6-00CV-AA0 subclass 07h in BF3 management.</li> <li>21. Fixed unexpected IPv6StaticDefaultGateways in Redfish.</li> <li>22. Fixed WEBUI showing incorrect HDD and SSD temperatures.</li> <li>23. Fixed DDNS accepting invalid characters.</li> <li>24. Resolved issue with LAN settings changing after BMC reboot.</li> <li>25. Fixed Redfish @odata.etag properties format issue.</li> <li>26. Resolved non-responsive System button in Dashboard.</li> <li>27. Updated slot format in Physical Storage view in Web GUI.</li> </ol>
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*Release Notes from Previous Release(s)*

**01.02.26 (03/15/2024)**

Regular release

<b>Release Version</b>	<b>01.02.26</b>
<b>Build Date</b>	<b>03/15/2024</b>
<b>Previous Version</b>	<b>01.02.09</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>BIOS R1.1a</b>
<b>Important Notes</b>	<p><b>BMC Image:</b> <b>BMC_SCMAST2600-ROT20-2501MS_20240315_01.02.26_STDsp.bin</b> BMC Update Package: <b>BMC_SCMAST2600-ROT20-2501MS_20240315_01.02.26_STDsp.zip</b></p> <p><b>*It is critical to follow the proper sequence when updating the BMC.</b></p>
<b>Enhancements</b>	<ol style="list-style-type: none"><li><b>1. The firmware inventory webpage is slow when system is powered off.</b></li><li><b>2. Added support for Memory/GPU_x/MemoryMetrics.</b></li><li><b>3. Resolved issue where CPLD update failed sometimes.</b></li><li><b>4. Resolved the issue of the Backplane CPLD update being too slow.</b></li></ol>
<b>New Features</b>	<b>N/A</b>
<b>Fixes</b>	<ol style="list-style-type: none"><li><b>1. Resolved the issue where GPU page hung indefinitely.</b></li><li><b>2. Resolved the issue where no information was displayed in the GPU tab.</b></li><li><b>3. Resolved the issue where UID remained solid on after holding the UID button for more than 12 seconds.</b></li><li><b>4. Resolved the issue where IPMI Redfish automation check power supply version failed.</b></li><li><b>5. Resolved the issue where CPU temp sensor read "0" on one of the two nodes during cburn on or off.</b></li><li><b>6. Resolved the issue where all sensors reported "NA" during ON/OFF</b></li><li><b>7. Resolved the issue where the M.2 Sensor was dropping during power ON/OFF BPC</b></li><li><b>8. Resolved the issue where both nodes fail ONOFF with E1.S drives</b></li><li><b>9. Resolved the issue where the storage monitoring was inaccessible in the Web GUI.</b></li><li><b>10. Resolved the issue where the Storage Monitoring tab was missing.</b></li></ol>

	<p><b>11. Resolved the issue where the storage monitoring displayed incorrect drive information.</b></p> <p><b>12. Resolved the issue where CG1 systems with Dual BF3 GPUs showed two CPLD AOM 1 Bridge Board AOM-BB-GP102 entries</b></p> <p><b>13. Resolved the issue where the BIOS could not be updated when system was in BIOS setup.</b></p> <p><b>14. Resolved the issue where the GPU component info page was empty, and/Chassis/1/PCleDevices/GPU[x] could not be found.</b></p> <p><b>15. Resolved the issue where the system failed to unmount the ISO image.</b></p>
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***Release Notes from Previous Release(s)***

**01.02.09 (11/10/2023)**

Initial Release