

IPMI Firmware Release Notes

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Product Name	B1SL1-F/HF and B1SA4-2550F/2750F
Release Version	3.72
Build Date	11/13/2019
Previous Version	3.50
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Hardened Redfish to prevent returning 500 error codes.2. Strengthened web session ID.3. Improved web CSRF security protection.4. Protected DDNS setting from potential web attack by malware.5. Implemented checking bounds of stack buffer to prevent ROP chain attack.
New features	<ol style="list-style-type: none">1. Disable VM unplug button on Java iKVM applet if ISO or IMA is mounted via WebUI.2. Added support for VM Security patch.3. Set all IPv4/IPv6 addresses to display on the sys_info page.4. Added Java KVM text copy and paste.5. Added support for unique pre-programmed default password.6. Added KCM privileges.7. Added information about BMC location, MidPlane product name, and serial number via CMM.
Fixes	<ol style="list-style-type: none">1. Allow launching HTML5/JavaKVM through CMM.2. Allow spaces for username and password in webUI.3. Allow mounting Virtual Media images after changing VM port more than 4 times during Web virtual media mount.4. Corrected response of setting via in-band interface after setting SMTP sender email.5. Corrected Watchdog setting the pre-timeout NMI interruption after counting

	<p>down to pre-timeout interval.</p> <p>6. Prevent the system from triggering “IPMI Virtual CDROM Image function is wrong.”</p> <p>7. Setting ServiceEnable of IPAccessControl via Redfish no longer returns HTTP status code 302.</p> <p>8. Corrected issue with WebUI LDAP SSL setting.</p> <p>9. Redfish/v1/Managers/1/VM1/CfgCD no longer shows plaintext password.</p> <p>10. Blade status no longer stuck at Initializing.</p> <p>11. Corrected communication issue between BMC and CMM.</p> <p>12. Corrected formatting when logging in with long AD name.</p> <p>13. Corrected DIMM information under hardware information of WebGUI.</p> <p>14. Improved DCMI power reading request.</p> <p>15. Allow SMCIPMITool to set IPv6.</p> <p>16. Clear power/temperature records after factory default.</p> <p>17. Corrected sensor reading under CMM view through SMCIPMITOOL.</p> <p>18. SMCIPMITOOL can perform mel download after clearing mel.</p> <p>19. Allow restoring alert configuration.</p> <p>20. Allow CMM to show node maintenance event log.</p> <p>21. Patched pantsdown security fix.</p> <p>22. Match EVENT SEVERITY to Warning alerts.</p> <p>23. Corrected LDAP configuration setup workflow.</p> <p>24. Improved SOL functionality.</p> <p>25. Changed 'event log' to 'health event log' and 'system event log' to 'maintenance event log'.</p> <p>26. Correct maintenance event log setting behavior after IPMI reboots.</p> <p>27. Corrected Web Sort function showing abnormal data for sensor reading.</p> <p>28. Removed HTML Injection in web input fields.</p> <p>29. Corrected XSS cookie attacks.</p>
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1. Added /redfish/managers/ntp/TimeUpdateMode to Redfish.
2. Corrected "Trouble Shooting" to "Troubleshooting".
3. Updated copyright to 2014-2019.
4. Separated node server name from blade name.
5. Added ability to set UEFI PXE boot option by Redfish.
6. Added Java KVM text copy and paste feature.
7. Fixed ability to add or modify user password to consist entirely of space characters.
8. Enabled CMM to communicate with MicroBlade without enabling I2C.
9. Fixed failure of license to activate when MAC changes if OOB source is enabled.
10. Fixed failure Blade SMCIPMITool auto test case 905 because maintenance event log file was deleted.
11. Fixed malfunction of top menu refresh link after AD configuration.
12. Fixed failure of Alert destination to reset after factory default.
13. Fixed malfunction of WebUI BMC unit reset in 3.57.
14. Fixed loss of LDAP and AD server hostname in CMM 3.51.

Release Notes from Previous Release(s)

3.50 (6/1/2018)

1. Updated 2018 copyright on WebUI.
2. Enabled SDR to refresh when BMC reboots.
3. Set Java KVM user list to show CMM instead of Unknown if Java KVM is launched through CMM Remote Control.
4. Set syslog port to be read-only in Configuration->Port.
5. Updated NTP version to 4.2.8p10.
6. Allowed special characters for username and password.
7. Enabled system event log to record most configuring operation without requiring license key.
8. Added save button to sensor reading WebUI page.
9. Added "Activate License" to Miscellaneous page.
10. Added support for GetSetBMCStatus command for TAS.
11. Added ability to clear HTTPD and RAKP configuration to factory default page.
12. Added Graphical View to CMM summary page.
13. Fixed incorrect power history record after AC cycle stress test.
14. Fixed failure of IPMICFG to change BMC MAC.
15. Fixed failure of KVM to mount ISO.
16. Removed FanMode from Blade BMC Redfish API because Blade FanMode is controlled by CMM.
17. Fixed missing status of Miscellaneous->Active License.
18. Fixed inability to erase hostname on network page.
19. Removed set/get FanMode in Redfish.
20. Fixed problem of IPMI power/temperature record plotting incorrect coordinate number.
21. Fixed inability of some sensor readings to show after sensor reading task generates too many events.
22. Fixed incorrect Chinese language content on Configuration Alert page.
23. Fixed problem of sensor readings sometimes being disabled and unable to show after CPU overheats.
24. Fixed failure of virtual media function.
25. Fixed problem of AC cycle stress testing making BMC crash because of uncorrectable SMBIOS.
26. Fixed issue with iKVM user list.

27. Fixed problem of OOB command version not being 0.
28. Fixed failure of Redfish automated test.
29. Upgraded to Redfish_API_full_list_2018_03_16.xlsx.
30. Fixed incorrect DIMM location in ECC event log.

Product Manager

Date