IPMI Firmware Release Notes

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	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	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	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

	down to pre-timeout interval.
	6. Prevent the system from triggering "IPMI Virtual CDROM Image function is wrong."
	7. Setting ServiceEnable of IPAccessControl via Redfish no longer returns HTTP status code 302.
	8. Corrected issue with WebUI LDAP SSL setting.
	9. Redfish/v1/Managers/1/VM1/CfgCD no longer shows plaintext password.
	10. Blade status no longer stuck at Initializing.
	11. Corrected communication issue between BMC and CMM.
	12. Corrected formatting when logging in with long AD name.
	13. Corrected DIMM information under hardware information of WebGUI.
	14. Improved DCMI power reading request.
	15. Allow SMCIPMITool to set IPv6.
	16. Clear power/temperature records after factory default.
	17. Corrected sensor reading under CMM view through SMCIPMITOOL.
	18. SMCIPMITOOL can perform mel download after clearing mel.
	19. Allow restoring alert configuration.
	20. Allow CMM to show node maintenance event log.
	21. Patched pantsdown security fix.
	22. Match EVENT SEVERITY to Warning alerts.
	23. Corrected LDAP configuration setup workflow.
	24. Improved SOL functionality.
	25. Changed 'event log' to 'health event log' and 'system event log' to 'maintenance event log'.
	26. Correct maintenance event log setting behavior after IPMI reboots.
	27. Corrected Web Sort function showing abnormal data for sensor reading.
	28. Removed HTML Injection in web input fields.
	29. Corrected XSS cookie attacks.