IPMI Firmware Release Notes

Product Name	X11DPU-Z+
Release Version	1.71.6
Release Date	8/30/2019
Previous Version	1.64
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Patched CVE-2019-6260 pantsdown.
New features	1. Added support for new Uboot code version.
	2. Added support for third number (build version) of IPMI firmware version.
	3. Added BMC Account Security.
	4. Added modification for event severity.
	5. Enabled sending all event logs (Health & Maintenance) to Syslog server.
	6. Added UefiPxe to Redfish System boot order.
	7. Added support for DCPMM (AEP DIMM) sensor reading.
Fixes	1. Allow obtaining LSI 3108 I2C temperature sensor.
	2. Improved Web UI formatting.
	3. Corrected the sensor quantity of BMC.
	4. Fixed mismatch of Redfish FullList Allowed Operation.
	5. Improved controller health after multiple HDDs are pulled out simultaneously.
	6. Changed default password to !@#$%^&* after old or new password fails remotely.
	7. Fixed malfunction of KVM and remote control after using SSH in SMASH with AD account.
	8. Fixed problem of degraded & unavailable SEL event appearing after Broadcom 3108 firmware is updated.
	9. Fixed problem of IKVM/HTML5 being disabled.
	10. Fixed problem of the IPMI "Create Virtual Drive" option being inconsistent in different web browsers and failure of WebGUI IPMI to display Controller information with Internet Explorer 11.
	11. Improve web formatting for System tab.
	12. Factory default with RADIUS session no longer disables Redfish access.
	13. Improved Redfish for RADIUS: session disconnect after factory default; client returning localhost IP in NAS-IP-Address; follow attribute 26 specification; prevent authentication error if delayed over 3 seconds.
	14. Corrected keypad * and + key map via IPMI iKVM and physical keyboard.
	15. Improved stability of IPMI after updates.
	16. Fixed problem of StorageController 2 access becoming degraded or unavailable.
	17. Corrected formatting for minor version of Redfish - /Managers/1/FirmwareVersion.
	18. Updating Broadcom 3108 firmware no longer shows error messages in SEL.
	19. Fixed multiple vulnerabilities with BMC Virtual Media.
	20. Corrected maximum allowed password length shown for /redfish/v1/AccountService MaxPasswordLength.
	21. CPU overheat deassertion no longer shows system as critical in IPMI webUI.
	22. Improve preserving BMC configuration after updates.