

IPMI Firmware / BIOS Release Notes Form

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Product Name	X10DRL-i
Release Version	3.86
Release Date	11/15/2019
Previous Version	3.80
Update Category	Critical
Dependencies	N/A
Important Notes	ECO #23221 REDFISH_X10_386_20191115_unsigned.zip Please update IPMI FW with attached Flash Utility in package.
Enhancements	1. Populated NAS-Identifier (rfc2865, 5.32.0) with BMC-specific string.
New features	1. Added BMC firmware solution to program and store unique pre-programmed password. 2. Enabled logging multiple HDDs as absent at the same exact second as a StorageController type event in order to remind the user about possible component-related problem (e.g., storage controller, cable, or backplane error).

Fixes	<ol style="list-style-type: none">1. Fixed problem of the hostname showing "SMC-bs_2019-10-17_11:28:41" after updating IPMI firmware.2. Fixed inability to update SMC3108 firmware from IPMI.3. Fixed ability to modify username with space.4. Corrected iKVM display of "Virtual Media".5. Fixed inability to launch SOL window.6. Merged X11 SMASH overflow and rearrange method.7. Corrected message that is displayed when iKVM port is unchecked.8. Fixed inability to immediately get the setting port number after changing the Virtual Media port.9. Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.10. Fixed abnormality of sensor readings after sorting.11. Fixed problem of SEL showing error message after AOC-S3108 updates firmware.
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3.80 (2/14/2019)

1. Patched for CVE-2019-6260 pantsdown.
2. Migrated IPMI Event Log to the URL "redfish/v1/Systems/1/LogServices" in Redfish and renamed the function name from "Event Log" to "System Management Log" in Redfish & Web UI.
3. Fixed problem of degraded & unavailable SEL event appearing after Broadcom 3108 firmware is updated.
4. Allow setting NM power policy by Redfish API.
5. Corrected inability to add AD group name and domain in SMCIPMITool.
6. Allow opening Java IKVM when domain name is used to login to BMC.

3.78 (10/04/2018)

1. Updated IPMI BMC/Onboard LAN MAC address to "00:00:00:00:00:00".
2. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition.
3. Set the MAC address format to revert to "xx:xx:xx:xx:xx:xx" in order to prevent backward compatibility.
4. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.
5. Added support for TaskService feature during BIOS, BMC, and Broadcom storage controller update in Redfish.
6. Added support for Node Manager feature in Redfish.
7. Added new feature for GUID/BoardID in Redfish.
8. Added new feature for event data extension in Redfish.
9. Added support for Redfish TaskMonitor.
10. Implemented Redfish APIs for SSM and SUM.
11. Added support for new Redfish firmware inventory (3108 storage controller) to update firmware.
12. Enabled monitoring of Broadcom 3108 BBU status and logging of it as status change.
13. Added support for saving 3108 storage controller status event.
14. Fixed inability to open the 4th IKVM session in Redfish.
15. Fixed the inconsistency in format of an IP address on System page.
16. Fixed incorrect number of spaces between two words.
17. Fixed problem of power consumption history showing minimum power as 0W.
18. Fixed incorrect grammar of some text.
19. Fixed problem of 'M' not following after one period in 'R.P.M'.
20. Fixed incorrect grammar in the alert Window.
21. Fixed issue of Alert email function working properly.
22. Fixed inability to delete Role Group in Active Directory page.
23. Fixed problem of "undefined" message appearing in pop-up window before uploading Broadcom 3108's ROM.
24. Fixed inability to update 3108's firmware over BMC's Web page if Logical device is on the card.
25. Fixed timeout of Invalid Default Active Directory when IPMI 3.73 Redfish test has 1 failed item.
26. Fixed failure of the button to switch to upload in floppy disk after unmounting a file.
27. Fixed failure to change JBOD mode.
28. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content.