

IPMI Firmware Release Notes

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Product Name	X10DSC-TP4S
Release Version	3.91
Build Date	8/6/2020
Previous Version	3.88
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	N/A
New features	N/A
Fixes	1. Corrected issues with KVM console. 2. AOC SAS sensor no longer disappears from IPMI sensor reading. 3. Corrected destination address after updating firmware by SMCIPMITool.

3.86 (11/15/2019)

1. Merged X11 SMASH overflow and rearrange method.
2. Added BMC firmware solution to program and store unique pre-programmed password.
3. Populated NAS-Identifier (rfc2865, 5.32.0) with BMC-specific string.
4. 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).
5. Fixed problem of the hostname showing "SMC-bs_2019-10-17_11:28:41" after updating IPMI firmware.
6. Fixed inability to update SMC3108 firmware from IPMI.
7. Fixed ability to modify username with space.
8. Corrected iKVM display of "Virtual Media".
9. Fixed inability to launch SOL window.
10. Corrected message that is displayed when IKVM port is unchecked.
11. Fixed issue with display of long AD domain name.
12. Fixed inability to immediately get the setting port number after changing the VM port.
13. Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.
14. Fixed abnormality of sensor readings after sorting.
15. Fixed problem of SEL showing error message after AOC-S3108 updates firmware.

3.80 (2/14/2019)

1. Set the MAC address format to revert to "xx:xx:xx:xx:xx:xx" in order to prevent backward compatibility.
2. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition.
3. Corrected SNMP behavior and made it identical with X11.
4. Added parameter (SkipCheckingME) for BIOS EnterUpdateMode 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.
11. Implemented Redfish APIs for SUM.
12. Added support for new redfish firmware inventory (3018 storage controller) to update firmware.
13. Added BMC support to monitor controller temperature, attached physical drive temperature, and attached physical drive status of Broadcom storage controller 3008/3216 (HBA/Host Bus Adapter).
14. Fixed incorrect number of spaces between two words.
15. Fixed inability to set NM power policy by Redfish API.
16. Fixed failure to add AD group name and domain in SMCIPMITool.
17. Fixed inability to open Java IKVM when domain name is used to login to BMC.
18. Fixed problem when duplicate events related to BRCM3108 occur at the same time.
18. Fixed inability to open the 4th IKVM session in Redfish.
19. Updated IPMI BMC/Onboard address to "00:00:00:00:00:00".
20. Fixed the inconsistency in format of an IP address on System page.
21. Fixed inconsistencies in BMC MAC address format.

22. Fixed problem of power consumption history showing minimum power as 0W.
23. Fixed incorrect grammar of some text.
24. Fixed problem of 'M' not following after one period in 'R.P.M'.
25. Fixed incorrect grammar in the alert Window.
26. Fixed issue of SEL event being degraded and unavailable after Broadcom 3108 firmware is updated.
27. Patched CVE-2019-6260 pantsdown.

3.76 (6/17/2018)

1. Improved multi-language content on the iKVM/HTML5 option menu and submenu.
2. Disabled MCTP support on Broadcom 3108 firmware so it only supports I2C protocol.
3. Added support for Redfish firmware inventory (BIOS/BMC update).
4. Revised Redfish "Actions" for clearing event log.
5. Added adaptive temperature threshold in SDR for drives connected to 3108.
6. Enabled AC Power On Event log.
7. Added enable and disable options for 3108's JBOD mode over BMC's Web page and Redfish API `"/redfish/v1/Systems/1/Storage/HA-RAID"`.
8. Added Redfish memory information feature.
9. Added new Redfish features for downloading and uploading IPMI configuration.
10. Added support for saving 3108 storage controller status event.
11. Fixed failure of SUM "Test_case_215 Outband - ChangeBmcCfg and compare".
12. Fixed inability to disable LDAP Authentication immediately after enabling it.
13. Fixed problem of product serial number being incorrect when it is longer than 15 characters and written in IPMI FRU.
14. Fixed failure of SUM 2.0.1 Test.
15. Set AC Power On Event log to be reported when BMC executes cold reboot.
16. Enabled update of 3108's firmware over BMC's Web page.
17. Fixed problem of BMC not logging events when user removes pre-installed HDDs (connected to storage backplane and 3108) during system boot and after Broadcom 3108 storage controller is initialized.
18. Fixed problem of duplicate AOC NIC sensor appearing on sensor reading WebGUI.
19. Fixed problem of the sensor reading of AOC-STG-i4S card working abnormally.
20. Fixed problem of Redfish 500 being returned when NetworkProtocol is patched after factory default.
21. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content.
22. Fixed inability to update 3108's firmware over BMC's Web page.
23. Fixed failure of email function.
24. Fixed failure of Java SOL console launched on Java console.
25. Fixed problem of "undefined" message appearing in pop-up window before uploading Broadcom 3108's ROM.
26. Fixed inability to update 3108's firmware over BMC's Web page if Logical device is on the card.
27. Fixed timeout of Invalid Default Active Directory.
28. Fixed failure of the button to switch to upload in floppy disk after unmounting a file.
29. Fixed failure to change JBOD mode.

3.71 (4/23/2018)

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18. Fixed failure of Redfish automation test.
19. Fixed problem of the sensor reading of AOC-STG-i4S card working abnormally.
20. Fixed failure of Redfish API test.
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Product Manager

Date