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Adaptec RAID Release dated:
September 23, 2008
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This release notes contain the following:

1. Description of the Release
2. Prerequisites of Using the Software
3. Supported Controllers
4. Enhancements and Bugfixes

1. Description of the Release:

This is the official software release containing the list of software components listed below:

- Firmware/BIOS Version 5.2.0 Build 15753
- Windows Drivers (32-bit and 64-bit) Version 5.2.0.15753
 - o Windows 2003 Server, Enterprise, Standard, and Web Edition
 - o Windows 2008 Server, Enterprise, and Standard
 - o Windows XP All versions
 - o Windows Vista - All versions
- FreeBSD Drivers (32-bit and 64-bit) Version 5.2.0.15753
 - o FreeBSD 5.4
 - o FreeBSD 6.1, 6.2 and 6.3
- SCO Drivers Version 5.2.0.15753
 - o OpenServer 6.0
 - o UnixWare 7.1.4
- Sun Solaris Drivers Version 5.2.0.15753
 - o Solaris 10 Update 1

2. Prerequisites of Using the Software:

- The Firmware/BIOS and driver should be used with the following software versions:

- o Adaptec Storage Manager (ASM) - 5.30 Build 17509
- o ICP Storage Manager (ISM) - 5.30 Build 17509
- o ARCCONF - 5.30 Build 17509
- For FreeBSD 6.2 and 6.3 only:
- o Adaptec Storage Manager (ASM) - 6.00 Build 17922

- The BIOS should be used with the following Linux driver versions:

- o Linux Drivers (32-bit and 64-bit) Version 1.1.5-2453

3. Supported Controllers:

- Adaptec RAID 3405
- Adaptec RAID 3805
- Adaptec RAID 3085
- Adaptec RAID 31205
- Adaptec RAID 31605
- ICP5045BL
- ICP5085BL
- ICP5805BL
- ICP5125BR
- ICP5165BR

4. Enhancements and Bug Fixes:

Bug Fixes:

1. Fixed an issue where an enclosure with SATA drives powered on 15 to 30 seconds delayed didn't show all the drives in ACU.
2. Fixed compatibility issues with some motherboards
3. Fixed an issue where drive LEDs did not work as expected with an SMC chassis 936EL1
4. Fixed an issue where a BlinkLED condition was observed when a Snapshot target container is smaller than the source container
5. Fixed an issue where a bad drive caused the controller to hang during POST
6. Fixed an issue where accessing a Snapshot container under load resulted in a BlinkLED condition
7. Fixed an issue where the Fault LED on a degraded Simple Volume didn't stop after a status change to optimal
8. Fixed an issue where I/O stress test failed during a RAID level migration from RAID1 to RAID5.
9. Fixed functionality issues with Supermicro SAS backplanes that are updated to "Boot 3" code

10. Added support for Astek SAS backplanes

11. Fixed an detection issue with Dual-Expander enclosures from AIC and Promise

12. Fixed an issue where a RAID10 didn't rebuild correctly after a two drive failure using a hotspare that has double the size of the original member

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