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Adaptec RAID Release dated: December 09, 2011
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These release notes contain the following:

1. Description of the Release
2. Supported Controllers
3. Enhancements and Bugfixes

1. Description of the Release:
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This is the official software release containing the list of software components listed below:

- Firmware Version 5.2.0 Build 18668
- Windows Driver (32-bit and 64-bit) Version 5.2.0.18668
- SCO UnixWare and OpenServer Driver Version 5.2.0.18668
- FreeBSD Driver Version 5.2.0.18668
- Solaris Driver Version 5.2.0.18668
- Linux Driver Version 1.1.5-28700
- Adaptec Storage Manager (ASM) Version 7.30 Build 18837

2. Supported Controllers:
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- Adaptec RAID 6405
- Adaptec RAID 6405E
- Adaptec RAID 6405T
- Adaptec RAID 6445
- Adaptec RAID 6805
- Adaptec RAID 6805E
- Adaptec RAID 6805T
- Adaptec RAID 6805TQ
- Adaptec RAID 6805Q

3. Enhancements and Bug Fixes:
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- New Series 6 controllers released (6405T, 6805T, 6805Q, 6805TQ).
- Support for maxCache 2.0 read & write back caching (Q models).
- Big Block Cache Bypass mode for enhanced performance in data center environments.
- VMWare 5.0 email notification & ARCCONF management support.
- Several enhancements made to maxCache for improved functionality.
- Fixed a BlinkLED condition during a Verify with Fix or Verify.
- Fixed a security issue with Adaptec Storage Manager under Linux.
- Fixed an issue preventing an SSD drive from being added or removed from the maxCache pool within Adaptec Storage Manager.
- Fixed an issue where a fault would occur when migrating from a RAID 5 to a RAID 6.
- Fixed an issue causing IOP resets after continuous heavy I/O.
- Fixed an issue preventing the operating system from booting during a RAID migration on the boot array.
- Fixed an issue where the controller would stop responding when arrays were deleted in ACU with maxCache enabled.
- Fixed a BlinkLED condition when arrays and maxCache drive were moved to another controller.
- Fixed an issue creating invalid characters to be displayed within the CTRL-A utility.
- Fixed a BlinkLED condition observed during a RAID 1E expansion.
- Fixed an issue where the controller would hang if a high number of drive LEDs were blinked at once.
- Fixed an issue with the windows driver and coalescing of JBOD drives.
- Fixed a BlinkLED condition when a Verify is ran on drives after being spun down via Power Management.

- Fixed an issue where the controller would fail to start on a cold/warm boot in some PCIe Gen 2 slots.
- Fixed an issue within Adaptec Storage Manager, where RAID creation defaults were not being properly applied.
- Fixed a BlinkLED condition observed during a RAID hotplug.
- Fixed an issue with ARCCONF that prevented the full capacity of 3TB drives from being used for RAID creation.
- Fixed an issue preventing multiple arrays on the same set of drives from rebuilding when a drive member is lost.
- Fixed an issue with Adaptec Storage Manager where the SNMP service would stop running.
- Fixed a BlinkLED issue observed during a SATA drive low level format.
- Fixed an issue with Power Management where the Stay Awake start and end times were not applying correctly.
- Fixed an issue where NCQ was disabled on SATA drives behind some expanders.
- Fixed an issue preventing all drives from being initialized using ARCCONF.

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