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Adaptec RAID Release dated: December 04, 2008
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This 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 16343

- Windows Driver (32-bit and 64-bit) Version 5.2.0.16343

- SCO UnixWare and OpenServer Driver Version 5.2.0.16343

- FreeBSD Driver Version 5.2.0.16343

- Solaris Driver Version 5.2.0.16343

- Linux Driver Version 1.1.5-2459

- Adaptec Storage Manager (ASM) Version 6.10 Build 18350


2. Supported Controllers:
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- Adaptec RAID 5405
- Adaptec RAID 5445
- Adaptec RAID 5805
- Adaptec RAID 5085
- Adaptec RAID 51245
- Adaptec RAID 51645
- Adaptec RAID 52445
- Adaptec RAID 2405
- Adaptec RAID 2045



3. Enhancements and Bug Fixes:
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- Added support for FreeBSD 7.0
- Incorporated SLI Maintenance Release 2
- Improved handling of Direct Access Storage Devices (i.e. Removable
  Drives)
- Increased the number of drives to be used in a RAID6 to 32
- Improved linear read/write performance scaling for RAID5 and RAID6 configurations
- Improved initialization time for certain large configurations
- Improved Power Management support in ARCCONF and Adaptec Storage Manager
- Improved the Ctrl+A options for application aware performance tuning
- Added display of Device ID to ARCCONF "get log" command
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- Added option to the Ctrl+A utility to manage Global Hot Spares independently
- Added option to the Ctrl+A utility to change cache settings for logical drives
  after their creation
- Added option for Secured Email Notification in Adaptec Storage Manager
- Fixed a discovery issue with backplanes using LSI Expanders
- Fixed an issue where the speed of SATA II devices intermittently changed to 1.5GB
  on PowerON/OFF or remove
- Fixed an issue where the speed of SATA I devices didn't show up correctly when
  connected behind an expander
- Fixed an issue where Adaptec Storage Manager closed under OpenServer 6.0 after the
  controller logs were cleared
- Fixed a mismatch in device names between Adaptec Storage Manager and ARCCONF
- Fixed an issue where SNMP showed incorrect Host Bus Information
- Fixed an issue where alarm actions and changes in task priorities in ARCCONF didn't
  generate an event
- Fixed an issue where Adaptec Storage Manager didn't allow the expansion of a
  RAID5EE
- Fixed an issue where Adaptec Storage Manager was not able to successfully finish a
  migration from RAID0 to RAID10 in SLES10
- Fixed an issue where a fully populated AIC XC-28-2 Enclosure caused the Controller
  kernel to panic
- Fixed an issue where the alarm didn't go silent on a rebuilding array
- Fixed an issue where a stopped build process didn't show the status of the RAID
  array correctly in FreeBSD
- Fixed an issue where the initialization of a drive didn't remove the Global Hot
  Spare designation
- Fixed an issue where tape drives showed an incorrect "standby" status
- Fixed an issue on Series-2 controllers where the Copyback Hot Spare option was
  missing
- Fixed an issue where the installation of the 64-bit Windows SCSIport driver asked
  for a missing DLL
- Fixed an issue where the Windows Backup Utility reported a bus reset because of an
  device error
- Fixed an issue with Fault LED support on the Xtore MiniBOD XJ-SA01-008-A1