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Adaptec RAID Release dated: November 11, 2009  
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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 17544
- Windows Driver (32-bit and 64-bit) Version 5.2.0.17544
- SCO Unixware and OpenServer Driver Version 5.2.0.17544
- FreeBSD Driver Version 5.2.0.17544
- Solaris Driver Version 5.2.0.17544
- Linux Driver Version 1.1.5-24900
- Adaptec Storage Manager (ASM) Version 6.40 Build 18530

2. Supported Controllers:  
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- Adaptec RAID 5405
- Adaptec RAID 5405z
- Adaptec RAID 5445
- Adaptec RAID 5445z
- Adaptec RAID 5805
- Adaptec RAID 5805z
- 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 a new option in the "PHY Configuration" menu to change the Phy speed (3.0Gbps/1.5Gbps). Due to onboard expanders, this new option is not available on certain Series 5 controllers (51245, 51645, and 52245).
- Fixed an issue where arrays may become unreadable after performing a firmware upgrade. Please refer to ASK knowledgebase article# 16914 for further detail.
- Fixed an issue where the controller alarm would continue to sound, even after all drive members of the degraded array had been initialized.
- Fixed an issue where a simple volume creation would fail if a secure erase was performed on the drive(s).
- Fixed an issue that would prevent a hotspare from being pulled in and a rebuild from starting if an array became degraded as a result of an array drive member being

initialized.

- Enhancement to drive medium error handling. Drives exhibiting excessive medium errors will be marked offline.
- Enhancement to array morphing and expansion should require less time to complete. This enhancement does not apply to array building or rebuilding.
- Enhancement to the controller BIOS (CTRL-A), now displays the firmware build number at the top of the main menu screen.

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