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:
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This is the official software release containing the list of software components listed below:
- Firmware/BIOS Version 5.2.0 Build 17335
- Windows Drivers (32-bit and 64-bit) Version 5.2.0.17335
  - Windows Server 2008, Enterprise, Standard, Datacenter (32-bit, 64-bit)
  - Windows Server 2008 R2, Enterprise, Standard, Datacenter (32-bit, 64-bit)
  - Windows Server 2003, Enterprise, Standard, Datacenter (32-bit, 64-bit)
  - Windows Server 2003 R2, Enterprise, Standard, Datacenter (32-bit, 64-bit)
  - Windows XP, All versions
  - Windows Vista, All versions
  - Windows 7, All versions
- FreeBSD Drivers (32-bit and 64-bit) Version 5.2.0.17335
  - FreeBSD 6.1, 6.2, 6.3 and 6.4
- SCO Drivers Version 5.2.0.17335
  - Unixware 7.1.4
- Sun Solaris Drivers Version 5.2.0.17335
  - Solaris 10 Update 4
- Linux Drivers (32-bit and 64-bit) Version 1.1.5-25500
  - RHEL 4.7
  - RHEL 5.3
  - SLES 9 SP4
  - SLES 10 SP2

2. Prerequisites of using the Software:
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- The Firmware/BIOS and driver should be used with the following software versions:
  - Adaptec Storage Manager (ASM) - 6.40 Build 18530
  - ARCCONF - 6.40 Build 18530

3. Supported Controllers:
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- Adaptec RAID 3405
- Adaptec RAID 3805
- Adaptec RAID 3085
- Adaptec RAID 31205
- Adaptec RAID 31605

4. Enhancements and Bug Fixes:
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Bug Fixes:
1. Added support for drives greater than 2TB in capacity
2. Added support for SATL smart command
3. Enhancement to array morphing and expansion should require less time to complete. This enhancement does not apply to array building or rebuilding
4. Fixed an issue where operating system partition information would persist after array deletion or initialization
5. Fixed an issue where a drive would fail to initialize due to broken metadata
6. Fixed an issue where write cache was unable to be modified
7. Fixed an issue where a system hang condition could occur during a raid level migration (RLM) from RAID1 to RAID10
8. Fixed an issue where a global spare could not be created
9. Fixed an issue where a RAID50 could not be created with a 512KB stripe size
10. Fixed an issue where a RAID10, RAID50, and RAID60 could not be created
11. Fixed an issue where a SAS drive would be detected with zero capacity
12. Fixed an issue where command timeouts could cause endless loops resulting in controller hang
13. Fixed an issue where a RAID60 would show "Impacted" after force online