Release notes for the Code drop Dated: 06/21/06

This release notes contains the following:

1. Description of the release
2. Supported hardware
3. List of Software deliverables
4. Major functional changes
5. Major Bug Fixes
6. Prerequisites of using the Software
7. Tested Configuration
8. Known Issues

1. Description of the Release:
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Date of release: 06/21/06

This is the official software release containing the list of software components listed in the section 3 of the release note.

2. Supported Hardware:
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The software release supports the following hardware listed below:

Adaptec ASC-58300 SAS HostRAID Controller
Adaptec ASC-48300 SAS HostRAID Controller
Adaptec ASC-44300 SAS HostRAID Controller
Supports only I2C or Inband Enclosure management.

3. List of Software deliverables:
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These are the following set of deliverables for this release:

3.1 BIOS and DOS tools:
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1. Expansion ROM BIOS          - 1.2-0 1729
2. Adaptec Flash Utility (AFU.EXE) - 1.2-0 1729
4. Major Functional changes:  
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4.1 BIOS  
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1. None.

5. Major Bug Fixes:  
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5.1 BIOS  
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1. Fixed the issue where the BIOS was not loading on some OEM platforms. This was due to the Post Memory Manager handle conflict. The symptom is the Adaptec SAS BIOS will not load or print anything on the screen and hang the system POST with a blinking cursor.

To update the BIOS on one those platforms that are having this issue please:

a. Power down the system and remove the card.
b. Power on the system, go to the CMOS setup utility and disable the PCI Option ROM for the slot in question under the PCI Devices menu.
c. Power down the system and plug the card back in to the slot.
d. Power on the system, boot to DOS and update the Controller BIOS using AFU.EXE.

See the SAS HostRAID Installation and User's Guide for a description on how to use AFU.EXE.

6. Prerequisites of Using the Software:  
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+ An x86 based PC/AT compatible platform with at least one PCI-x slot
+ The system BIOS should be able provide the PCI resources to the SAS controller.
+ Please use the appropriate flash images for the controller that you are using. The Flash Utility will prompt for the appropriate file name when you try to update the Expansion ROM. Please refer to the documentation on the BIOS zip files for the file name descriptions and product family.

7. Tested Configuration:  
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The software was tested with the mule cards with ASIC on the PC/AT compatible PCI-x platforms. These are the various components used during the testing:
+ IBM x86 PC/AT compatible platform with Intel Xeon
+ Tested with Direct attached SAS drives and SATA drives
+ Tested with SAS drives attached via expander
+ Tested with SATA drives attached via expander

8. Known Issues/Limitations:
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These are the known issues/limitations at the time of the release:

None.

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