These release notes contain the following:

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

1. Description of the Release:

This is the official software release containing the list of software components listed below:

- Firmware Version 5.2.0 Build 19109
- Windows Driver (32-bit and 64-bit) Version 7.1.0.30034
- Linux Driver Version 1.2.1-29900
- maxView Storage Manager (MSM) Version 1.01 Build 20323

2. Supported Controllers:

- 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:

Firmware:
- Series 6 controllers now have UEFI BIOS support.
- New maxView GUI is now supported on Series 6 controllers.
- Resolved an issue that would cause the OS to crash if multiple arrays were deleted at one time via ARCCONF.
- SGPIO activity signal is now functioning properly.
- Improved medium error handling.
- Improved SATA error handling, which could cause slow I/O or a system hang condition.
- Corrected an issue preventing a drive currently undergoing a secure erase from not appearing in the secure erase drive list after reboot in UEFI.
- A secure erase operation can now be performed in the UEFI BIOS on physical drives that members of an array.
- Corrected an issue that could allow the Series 6 controller BIOS to take too long to boot.
- Resolved an issue where the controller could hang during heavy I/O.
- Resolved an issue where a hot plug drive was not detected.
- Identified an issue where SATA negotiation could incorrectly negotiate down to 3.0Gbps.
- Resolved an issue where a building or re-building array could cause a PSOD in VMware.
- Resolved an issue where there was no option to create a JBOD on Series 6 controller when installed in the same system with a Series 7 controller.

maxView/ARCCONF:
- Resolved an issue where Logical or Physical devices were removed from the enterprise view when a Verify or Verify w/ Fix task was started.
- A Clear All Logs option was added to Archive Management in maxView.
- Resolved an issue that would cause the Add System function to fail with Windows Server 2012 x64.
- Resolved a Logical Drive size display issue when using the Expand/Migrate wizard.
- Resolved an issue that would cause an array expand or migration operation to fail.
- Enhanced Secure Erase option for SATA and SAS drive support.
- Resolved an issue that would cause a RAID 5 creation in ARCCONF to fail.
- Resolved an issue where the reported Unused Size of a Dedicated Hot Spare was incorrect in ARCCONF.
- Resolved an issue where maxView could be downgraded when using "--upgrade" in SLES 11 SP2.
- Resolved an issue where duplicate events were generated when Copyback was Enabled/Disabled.
- Resolved an issue where no Build/Verify progress events were generated for multi-level RAID arrays.
- Vital physical drive statistics (Hardware errors, Medium errors, Parity errors, Link failures, Aborted commands) were added to the Status section in the Summary page within maxView.
- New ExpanderUpgrade option has been added to ARCCONF to update expander firmware.
- Resolved an issue where the array name displayed was incomplete if created using uppercase characters.
- Resolved an issue preventing Email Notification from functioning properly under RedHat.
- Resolved an issue where Consistency Check Period(days) was greyed out when Consistency Check was enabled.
- Optimized Spare Management wizard to include both assign and un-assign operations.
- Resolved an issue where a Verify option was not available for logical devices that were in an Impacted state or created using Quick Init.
- A new Set Drive Offline function has been added to maxView.
- Resolved an issue where the System Name and IP Address were not properly displayed in the Summary tab in the Enterprise View.
- Charge level and Estimated Life attributes were added to maxView.

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