Intel Technical Advisory

TA-1013-1

5200 NE Elam Young Parkway
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Intel® RAID Controller firmware update to resolve an AC power cycling cache backup issue

Products Affected

Table. 1. Products Affected

Product	Product code	MM#
Intel® RAID Controller RS25AB080	RS25AB080	917136
Intel® RAID Controller RS25SB008	RS25SB008	917137

Description

During AC power cycle testing Intel found a rare occurrence where data yet to be written to disk from the RAID controller's cache memory may be lost even though cache protection is enabled by the RAID Maintenance Free Backup Unit that is installed onto the products listed in above table. The issue has a very low occurrence rate, is difficult to replicate, and is observed on a small percentage of affected Intel® RAID Controllers.

Root Cause

The root cause for this issue has been identified and corrected. The latest RAID firmware version 3.190.05-1669 has a timing improvement that provides a resolution to this issue.

Corrective Action / Resolution

This issue is corrected in RAID firmware version 3.190.05-1686 included in RAID firmware package version 23.7.0-0031. Please upgrade your RAID controller firmware to version 3.190.05-1686 via RAID firmware package version 23.7.0-0031 or later. The latest RAID firmware with the fix is available on the Intel web site at (http://downloadcenter.intel.com/default.aspx?lang=eng).

Please contact your Intel Sales Representative if you require more specific information about this issue.

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