



This Technical Advisory describes an issue which may or may not affect the customer's product

Intel Technical Advisory

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Intel[®] RAID Controller firmware update to resolve an AC power cycling cache backup issue

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Products Affected

Table 1. Products Affected

Product	Product code	MM#
Intel [®] RAID Controller RS2VB080	RS2VB080	911120
Intel [®] RAID Controller RS2VB040	RS2VB040	911498

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 v2.130.353-1663 has a timing improvement that provides a resolution to this issue.

Corrective Action / Resolution

This issue is corrected in RAID firmware version v2.130.353-1663 included in RAID firmware package version v12.12.0-0111. Please ensure the Supercap module in the RAID controller's shipping box is connected to the RAID controller before installing the RAID controller into a server system. Then please upgrade your RAID controller firmware to version v2.130.353-1663 via RAID firmware package version v12.12.0-0111 or later. This firmware package is for DOS only. For more details, check the readme file within this firmware package. The latest RAID firmware with the fix is available on the Intel web site at (<http://www.intel.com>).

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