



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

Intel Technical Advisory

TA-1075-2

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February 12, 2015

Intel® RAID Controller Firmware Version 3.440.05-3712 in Firmware Package v23.32.0-0009 and Version 3.410.35-3698 in Firmware Package 23.29.0-0016 Will Mark The RAID Maintenance Free Backup Unit (RMFBU) Offline If It Cannot Read The RMFBU Manufacturing informational Data Registers, Resulting in Writeback Cache Being Disabled.

Products Affected

RAID controllers attached to an RMFBU manufactured before August 2012. Please see the product matrix below:

RMFBU Product	RAID Controller / RAID Module
AXXRMFBU2	RMS25CB080, RMS25CB040, RMT3CB080, RMS25PB080, RMS25PB040, RMT3PB080
Other RMFBU shipped in a RAID Controller product kit	RS25AB080, RS25SB008

Description/Root Cause

Maintenance Free Backup Modules (RMFBU) manufactured before August 2012 were manufactured with the manufacturing informational data registers un-programmed. The manufacturing data registers include informational fields for RMFBU type, version numbers, date of manufacture, design voltage, and other information.

RAID controller firmware release 3.440.05-3712 found in firmware release package v23.32.0-0009 and firmware release 3.410.35-3698 found in firmware release package 23.29.0-0016 which is designed to support the RMFBU will not allow the RAID controller to enable Writeback cache on a RAID volume that is protected by an RMFU that does not have these informational registers programmed. There is no risk to data integrity due to this issue, however, performance of the RAID controller will be impacted if write back cache capability is desired.

Corrective Action / Resolution

Firmware Version 3.440.05-3712 in Firmware Package v23.32.0-0009 and Version 3.410.35-3698 in Firmware Package 23.29.0-0016 have been removed from the Intel support website; and replaced with Firmware 3.440.25-4055 in Firmware Package v23.32.0-0017 which resolves this issue. This issue does not affect firmware version 3.400.45-3507 found in release package version 23.28.0-0015, or earlier versions firmware.

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

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