

intel® Technical Advisory

TA-0821-2

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Intel® Server Board SE7520BD2 and SE7520BD2D2 server board on board mBMC device gets corrupted when running FRUSDR update with Intel® Server Chassis SC5300.

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Products Affected

Product Code	MM#	Description
BBDBBSATAD2	877335	OEM 10-pack SATA boards
BBDBBSCSID2	877333	OEM 10-pack Dual SCSI boards
BBDVBBD2	877334	OEM 10-pack Single SCSI boards
SE7520BD2SATAD2	877482	Boxed SATA board
SE7520BD2SCSID2	877331	Boxed Dual SCSI board
SE7520BD2VD2	877332	Boxed Single SCSI board

Description

When runs FRUSDR (for example 6.6.G and some previous versions) on **Intel® Server Board SE7520BD2 and Intel® Server Board SE7520BD2D2** all SKUs boards(Dual/Single SCSI and SATA) with Intel server SC5300 chassis, **Intel® Server Board SE7520BD2 and Intel® Server Board SE7520BD2D2** on board mBMC may get corrupted and become invalid if there is SATA HSBP FW1.09 and SCSI HSBP FW 1.14 populated on **Intel® Server Chassis SC5300** before running FRUSDR updating package.

Root Cause

Intel Server SC5300 chassis SATA HSBP FW 1.09 and SCSI HSBP FW 1.14 FW are the root causes of this issue.

Corrective Action / Resolution

Before FRUSDR updating, please double check your Intel Server SC5300 chassis HSBP FW version. For systems with SATA HSC FW 1.09, please update them to SATA HSC FW version 1.10. SATA HSC 1.10 FW is available on IBL/ Intel support website. Do NOT run SCSI HSC FW update package 1.14 on any system. Systems running with SCSI HSC firmware version 1.14 should function correctly but running the 1.14 update package may lead to a corruption of the HSC firmware on the HSBP. Furthermore, do not run FRUSDR updates on systems which have been successfully updated to HSC FW version 1.14 as this may lead to a corruption of mBMC on the Intel server motherboard. Intel is currently validating a new version of SCSI HSC FW for the 6-drive and 4-drive HSBP on Intel® Server Chassis SC5300 that should resolve these issues. This will be published via the Software & Drivers page accessible via <http://support.intel.com/support/motherboards/server/chassis/sc5300/index.htm> or on the Intel Business Link for channel members having access to this tool