



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

Intel Technical Advisory

TA-0951-2

5200 NE Elam Young Parkway
Hillsboro, OR 97124

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FRUSDR may not be updated properly with BMC00.48 or BMC00.49 installed

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Products Affected

- S5520UR
- SR1600UR
- SR1600URHS
- SR1625UR
- SR1625URSAS
- SR2600URBRP
- SR2600URLX
- SR2625URBRP
- SR2625URBRP
- SR2625URLX
- SR2625URSAS
- S5500WB
- S5520HC
- S5520HCT
- S5500HCV
- S5520SC
- SC5650HCBRP
- SC5650SCWS
- S5500BC
- SR1630BC
- SC5650BCDP
- SR2612UR
- SR2600URSATA
- SR1690WB

Description

With BMC (Baseboard Management Controller) version 00.48 and 00.49 installed on the above products, Intel has identified a rare possibility that the system FRUSDR fails to get updated properly. This occurs when an attempt is made to update the FRUSDR.

The following error message may display if UEFI shell interface is used to update FRUSDR: "ERROR: Invalid base board product ID '0' detected". If Intel® Deployment Assistant is used to update FRUSDR, the following error message may display: "Error string not found".

Specifically to the Intel® Server Board S5500WB and Intel® Server System SR1690WB only, when this issue happens, the following false error messages may be flagged, including incorrect SDR sensor reading (no reading on BB +1.1V P2 Vccp, BB +1.5V P2 DDR3, P2 Thermal Margin, P2 Thermal Ctrl% and not readable on P1 VRD Hot and P2 VRD Hot), unexpected CPU missing SEL event and System Status LED be lit yellow unexpectedly.

Root Cause

The FRUSDR update failure is due to a BMC Firmware timing issue, resulting in incorrect identification of the baseboard.

Corrective Action / Resolution

Intel has this issue fixed in BMC version 00.51 or later. Customer can get the latest BMC through Intel's product support website at <http://www.intel.com/support> and perform a standard BMC update.

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

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