Intel Technical Advisory

TA-810-1

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Baseboard temperature reported by Intel® Server Boards SE7230NH1 using Intel Server Manager 8.40 may exceed upper threshold value

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Products Affected

Prod Code
SE7230NH1
BNHBB
SE7230NH1LX
BNHBBLX
SR1475NH1
SR1475NH1NA

Description
Intel® Server Manager 8.40 may report Baseboard temperature sensor events due to an inappropriate threshold value.

Root Cause
The Intel Server Manager 8.40 installation contains incorrect registry files for the appropriate maximum temperature threshold value for the temperature sensor located between memory slots 1B and 2A. As a result, Intel Server Manager 8.40 may trigger an upper temperature critical event for this temperature sensor shown as one of the two "Baseboard" temperature sensors.

Corrective Action / Resolution
The registry files for the effected server boards have been updated for Intel Server Manager 8.40. The new registry files are available on support.intel.com. These updated registry files increase the maximum temperature threshold for the temperature sensor from 55 (37H) degrees to 100 (64H) degrees.   Note also that these new registry files will incorporate the changes made in TA-801-2 which decreased the CPU core voltage lower threshold. Also, these new registry files rename the temperature sensor (located inside the hardware management module) from "Baseboard" to "Other". The download files can be found at:
http://support.intel.com/support/motherboards/server/se7230NH1-e/index.htm
http://support.intel.com/support/motherboards/server/sr1475nh1-e/index.htm

To locate the file, (1) click on the "Software & Drivers" link in the left navigation bar, (2) Choose your appropriate Windows* operating system and click <Go>, and locate the file SE7230NH1_REG.ZIP

Follow the instructions in the readme.txt file included in the zip package to install and use the registry file.

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

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