



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

Intel Technical Advisory

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Intel® Modular Server System MFSYS25/ MFSYS35 can not read Manufacturing Information from Power Supplies D73299-006.

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Products Affected

Intel® Modular Server System MFSYS25 at FW P2.6 (CMM GUI version 14717) or earlier
Intel® Modular Server System MFSYS35 at FW P2.6 (CMM GUI version 14717) or earlier
Intel® Modular Server 1000-W Power Supply AXXPSU, P/N: # D73299-006

Description

When version D73299-006 of the AXXPSU is inserted into a MFSYS25/MFSYS35 system chassis at FW P2.6 (CMM GUI version 14717) or earlier, the Intel® Management Module MFCMM (CMM) is not able to read manufacturing data correctly from the power supply and an informational message is displayed. The power supply **General** tab, **Manufacturing Information** line indicates: *Data is unavailable; cannot communicate with the management interface*. Power supply sensor information is reported correctly and the **Status** line indicates: *OK, Powered*.

In MFSYS25 system chassis' at FW revision P2.3.5 (CMM GUI version 13743) or earlier the CMM Graphical User Interface (GUI) will also display the following warning message: *Chassis is not configured correctly. "For details, view Required Actions on the dashboard"*. The CMM GUI dashboard will indicate under **Required Actions** – *Install Power Supplies*.

In all of the above cases the power supply (PSU) / system chassis will power up and function normally.

Root Cause

Intel discovered a discrepancy in the PSU IDROM programming in the D73299-006 version of the PSU that results in the erroneous warning messages and lack of PSU information.

Corrective Action / Resolution

Intel has developed and is currently testing a firmware correction for the PSU IDROM that will prevent this condition from occurring. A workaround has also been incorporated into the next revision of the CMM firmware.

Workaround

Until the new firmware update is available, if not already at firmware revision level P2.6, the following workaround will correct the erroneous warning messages:

1. If using less than three server compute modules: Update to P2.6 firmware revision, then add additional power supplies to the MFSY25 after the firmware upgrade has been completed.
2. If the chassis has more than three server compute modules, install power supplies #3 and #4, ignore any error messages, upgrade to P2.6 firmware.

The workaround detailed here will remove the warning messages: Chassis is not configured correctly. "For details, view Required Actions on the dashboard" and on the dashboard Required Actions – Install Power Supplies.

The informational message: Data is unavailable; cannot communicate with the management interface, will remain until the next revision of the firmware is available.

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

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