Release Notes

BIOS

Basic Input / Output System (BIOS) facilitate the hardware initialization process and transition control to the operating system.

Current Version

02.00.03

Release Date:

May, 2016

Previous Version

01.04.03

Importance

RECOMMENDED: Dell recommends applying this update during your next scheduled update cycle. The update contains feature enhancements or changes that will help keep your system software current and compatible with other system modules (firmware, BIOS, drivers, and software).

Platform (s) Affected

Dell PowerEdge M830, FC830 and M830 VRTX servers

What’s New

- Updated the Intel Xeon Processor E5-4600 v3 Product Family processor Microcode to 0x37.
- Updated the Intel Management Engine (ME) firmware to SPS_E5_03.01.03.035.0_WBG_REL.
- Updated the Intel® Trusted Execution Technology (Intel® TXT) BIOS and SINIT Authenticated Code Module (ACM) to version v3.0.5.
- Added support to JEDEC serial present detect (SPD) 1.1.
- Added support for memory module with 128 GB DIMM size.
- Updated text in the BIOS setup Menu help content.
- Updated the Intel processor and memory reference code to version 3.2.0.
- Added support for Intel Xeon processor E5-4600 v4 product family.
- Added support for Unified Extensible Firmware Interface (UEFI) version 2.4.
- Added the Global Slot Boot Driver Disable feature.

Fixes

- Intermittent PCIe slot training errors.
• After importing a platform key, the secure Boot feature is forced to get enabled.
• Unused DIMM clocks are not disabled for E5-4600 v3 CPU-based system.
• Watchdog timer event log is missing from the Elog and Windows Event Log.
• CPU is not frequently polling the DIMM temperature sensor.
• System cannot boot by using DVD or HDD.
• During the POST stage on the console redirection, an option to press the F12 key is not displayed on the monitor.
• Fixed an issue where mouse device trail is seen while moving cursor quickly in the HII browser.

**Important Notes**

• From this version, users use Intel Xeon processor E5-4600 V3 product family for reverting back to earlier versions of the BIOS.

**History of Previous Release Notes**

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**Version**
01.04.03

**Release Date**
January, 2016

**Previous Version**
01.03.05

**Importance**

RECOMMENDED: Dell recommends applying this update during your next scheduled update cycle. The update contains feature enhancements or changes that will help keep your system software current and compatible with other system modules (firmware, BIOS, drivers, and software).

**Platform (s) Affected**

Dell PowerEdge M830, FC830 and M830 VRTX servers

**What’s New**

• Updated PERC S130 SOFTRAID OEM Version: Option rom (4.2.0-0009) & UEFI OS driver (4.2.0-0009).
Fixes

- Fixed an issue where TPM info is still showed in TPM console of Windows OS even TPM is set to OFF in System Setup menu.

Important Notes

None for this release.