Release Type and Definition

BIOS

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

Version:
02.00.00

Release Date:
April, 2016

Previous Version
01.01.03

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 DSS 1500/1510/2500 servers

Enhancements

- Added support for Intel Xeon processor E5-2600 V4 product family.
- Updated the Intel Processor and Memory Reference Code to MR2.
- Added support for Intel Xeon processor E5-2600 V4 Product Family processor Microcode to 0x17.
- Updated the Intel Xeon Processor E5-2600 v3 Product Family Processor Microcode to 0x37.
- Updated the Intel® Trusted Execution Technology (Intel® TXT) BIOS and SINIT Authenticated Code Module (ACM) to version v3.0.5.
- Updated the Intel Management Engine (ME) firmware to SPS_E5_03.01.030.0_WBG_REL.
- Updated to Unified Extensible Firmware Interface (UEFI) 2.4 support.
- Added support to JEDEC serial present detect (SPD) 1.1.
- Added Global Slot Boot Driver Disable option.
• Updated text in the BIOS Setup Menu help content.

Fixes

• Fixed an issue where iSCSI boot got disabled when configuration of connection2 setting failed under the UEFI boot mode.
• Intermittent PCIe slot training errors.
• While rebooting, server that used E5-2603 or 2609 processor (6-core Low Core Count (LCC) processor) displayed the Red Screen of Death (RSOD) error.
• After importing a platform key, the Secure Boot feature is forced to get enabled.
• Unused DIMM clocks are not disabled for E5-2600 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.
• During the POST stage on the console redirection, an option to press the F12 key is not displayed on the monitor.

Important Notes

From this version, users use Intel Xeon processor E5-2600 V3 product family for reverting back to earlier versions of the BIOS.

History of Previous Release Notes

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Version
01.01.03

Release Date:
January 20, 2016

Previous Version
01.00.02

• Updated the Intel processor and memory reference code to PLR9.1.
• Updated the Intel Xeon processor E5-2600 V3 product family processor microcode to 0x36.
• Updated the Intel Management Engine (ME) firmware version to SPS_E5_03.00.07.173.0_PLR9-G_WBG_REL.
• Added the new I/O Non-Posted Prefetch option in System Setup that can be used to control the PCIe throughput by enabling or disabling the PCI IO non-posted prefetch mode.
• Added TPM2 support.
• Added iSCSI boot feature.

**Fixes**

• Fixed an issue where sometimes systems with Intel SSD drives freeze at PXE boot.
• Fixed an issue where execution of “Ctrl-p” command fails through Serial-Over-Lan.

**Important Notes**

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Version
01.00.02

Release Date:
August 28, 2015

Previous Version
N/A

• This release is the first customer release.

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