Release Notes

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

Current Version
2.3.4

Release Date
November 2016

Previous Version
2.2.5

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 R730, R730XD, and R630 servers.

What’s New

- Updated the Intel Processor and Memory Reference Code to PLR5.
- Added the I/O Snoop HoldOff Response BIOS setup option in the Integrated Devices menu.

Fixes

- Removed BIOS power capping when in performance mode. This prevents the Node Manager power capping SCI from triggering.
- A PCI resource handling issue on the PowerEdge R630 server.

Important notes
None for this release.
History of previous Release Notes

Version
2.2.5

Release Date
September 2016

What’s New

- Updated the Intel Processor and Memory Reference Code to PLR4.
- Updated the Intel Xeon Processor E5-2600 v4 Product Family Processor Microcode to version 0x1E.
- Updated the Intel Xeon Processor E5-2600 v3 Product Family Processor Microcode to version 0x38.
- Updated the Intel Trusted Execution Technology (Intel TXT) BIOS and SINIT Authenticated Code Module (ACM) to version 3.1.0.
- The Intel TXT feature is supported with Trusted Platform Module (TPM) version 2.0.
- Updated TPM version 2.0 support.
- Updated the integrated Dell Remote Access Controller (iDRAC) Human Interface Infrastructure (HII) to version 2.40.40.05.
- Added the new slot bifurcation BIOS Setup options.
- Updated text in the BIOS Setup menu help content.
- Changed the default setting of BIOS Setup option In-System-Characterization to Disabled.

Fixes

- The boot order may change after updating the BIOS version.
- The cause of system internal error (IERR) is not getting logged.

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Version
2.1.7

Release Date
June 2016

What’s New

None for this release.

Fixes

- A performance issue introduced by Intel Xeon Processor E5-2600 v4 Product Family Processor Microcode 0x1A. Intel Xeon Processor E5-2600 v3 Product Family Processor based systems are not impacted.
- An issue where system cannot disable I/O Non-Posted Pre-fetch in BIOS setup menu.
- An issue where the DMI port on the 2nd CPU was inadvertently present.