CPLD Version 1.0.6 for Dell EMC PowerEdge R740 and R740XD Servers

Release Notes

Release Notes

CPLD

The hardware and software based Complex Programmable Logic Device (CPLD) facilitates Persistent Memory, detects hardware and power faults, and manages workloads on the PowerEdge servers.

Current version

1.0.6

Release date

November 2018

Previous version

1.0.1 (initial release, but not available on www.dell.com/support.)

Release summary

Added filtering to a number of CPLD inputs to improve the system stability. For more information about the new features and fixes in this release, see the **New and enhanced features** and **Fixed issues** section of this Release Notes.

Priority and recommendations

URGENT: Dell EMC highly recommends applying this update as soon as possible. The update contains changes to improve the reliability and availability of your Dell EMC system.

Compatibility

Supported devices and platforms

The Dell EMC PowerEdge R740 and R740XD servers.

New and enhanced features

Added filtering to a number of CPLD inputs to improve the system stability.

Fixed issues (this release)

Added signal noise filtering to BPx_PWR_CABLE_PRES_N (backplane power cable presence signal). This fixed a signal noise issue on the backplane power cable presence signal that was causing intermittent false errors to be reported. Also added filtering to BPx_SIG_CABLE_PRES_N, BATT_PRES_N, and CPUx_PRES_N.

Known issues

None for this release.

Important notes

None for this release.

_____

Features and fixes in previous releases

No issues in the initial release (1.0.1).

_____

Instructions for installing

1. Click www.dell.com/support.
2. Navigate to the **Drivers & downloads** page of PowerEdge R740 and R740XD servers.
3. From the **Category** drop-down menu, select **CPLD**.
4. In the **Name** column, expand the hyperlinked CPLD title to view the complete information about the selected CPLD version.
5. To view information about compatible systems and installation instructions, click **View full driver details**.
6. On the **Driver Details** page, scroll down and expand **Installation instructions**.

   Instructions about downloading and installing Update Packages by using methods such as Linux and Windows is displayed.

Additional resources and support

Contacting Dell EMC

Note: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell EMC product catalog.

Dell EMC provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell EMC for sales, technical support, or customer service issues, go to https://www.dell.com/contactdell.

Accessing documents from Dell EMC support site

Using direct links

You can directly access the documents by using the following links:

www.dell.com/support	The Dell EMC support site
www.dell.com/poweredgemanuals	The Dell EMC PowerEdge server documentation
www.dell.com/idracmanuals	The iDRAC and Lifecycle Controller documentation

Using the product selector

You can also access documents by selecting your product:

1. Go to https://www.dell.com/manuals.
2. In the **Choose from all products** section, click **View products**.
3. Click **Software and Security** and then click the required link.
4. To view the document, click the required product version.

_____