

Dell EMC Edge 510 LTE

Release Notes

Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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Edge 510 LTE Release notes

This document describes the new features, enhancements, and fixed issues for the Edge 510 LTE platform.

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Document revision history

Table 1. Revision history

Revision	Date	Description
A00	2020-09	Initial release.

Features and requirements

The following requirements apply to the Edge 510 LTE:

Hardware description

- Edge 510—two-core CPU
- Four 1 GbE networking ports
- One dedicated Mini-USB 2.0 console port for out-of-band management
- Two USB 2.0 Type A ports on each side of the platform
- DDR3 with ECC
- 4 GB memory onboard.
- Fanless airflow from the sides and back of the platform
- External power supply
- Desktop mount with rubber feet and wall mount accessories included
- Optional rack mount accessory available

Firmware requirements

Table 2. Firmware requirements

Software	Minimum Release Requirement
Core boot	01.00.00.07

New in this release

None.

Documentation corrections

None.

Important information

The following is important information that you must know when working with your switch:

LEDs

The Edge 510 LTE has a service indicator LED display on the front of the platform. This indicator displays the status of the platform, the WAN connection, and the VeloCloud service.

- Red—there is no Internet connection on any WAN port.
- Yellow—the platform has an Internet connection but the device is either not activated or the VeloCloud service is not active.
- Green—one of the WAN ports detects a valid Internet connection.
- Blue—the platform is in standby mode.

As the system functions are in process, the service indicator displays:

- White—initial power-on and boot is in progress.
- Flashing blue—system reset or software update is in progress.
- Flashing white—VeloCloud Orchestrator function in progress.

The Edge 510 LTE also includes RJ45 port status LED displays on the back of the platform.

The RJ45 port status LEDs are located to the left and right of each port.

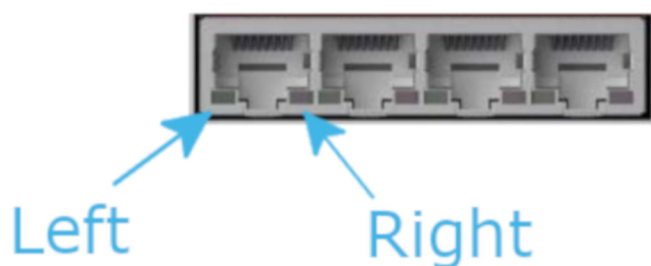


Table 3. RJ45 port status indicator LEDs

LEDs	Status	Link and speed
Left side activity (green)	Solid green	No activity
	Blinking green	Activity
Right side link status (bicolor green or amber)	Solid green	Link up, 1 Gbps
	Solid amber	Link up, 10 Mbps or 100 Mbps
	Off	Link down

Fixed issues

Fixed issues are reported using the following definitions:

Category	Description
PR#	Problem Report number that identifies the issue.
Synopsis	Synopsis is the title or short description of the issue.
Release Notes	Release Notes description contains more detailed information about the issue.
Work around	Work around describes a mechanism for circumventing, avoiding, or recovering from the issue. It might not be a permanent solution.
Severity	<p>s1—Crash: A software crash occurs in the kernel or a running process that requires a restart of AFM, the router, switch, or process.</p> <p>s2—Critical: An issue that renders the system or a major feature unusable. An issue that has a pervasive impact on the system or network, and for which there is no work-around acceptable to the customer.</p> <p>s3—Major: An issue that affects the functionality of a major feature or negatively effects the network for which there exists a work-around that is acceptable to the customer.</p> <p>s4—Minor: A cosmetic issue or an issue in a minor feature with little or no network impact for which there might be a work-around.</p>

Fixed issues in this release

None.

Fixed issues in previous releases

None.

Known issues

Known issues are reported using the following definitions:

Category	Description
PR#	Problem Report number that identifies the issue.
Synopsis	Synopsis is the title or short description of the issue.
Release Notes	Release Notes description contains more detailed information about the issue.
Work around	Work around describes a mechanism for circumventing, avoiding, or recovering from the issue. It might not be a permanent solution.
Severity	<p>s1—Crash: A software crash occurs in the kernel or a running process that requires a restart of AFM, the router, switch, or process.</p> <p>s2—Critical: An issue that renders the system or a major feature unusable. An issue that has a pervasive impact on the system or network, and for which there is no work-around acceptable to the customer.</p> <p>s3—Major: An issue that affects the functionality of a major feature or negatively effects the network for which there exists a work-around that is acceptable to the customer.</p> <p>s4—Minor: A cosmetic issue or an issue in a minor feature with little or no network impact for which there might be a work-around.</p>

Known issues in this release

Category	Description
PR#	N/A
Synopsis	Upper SIM card slot not functional.
Release Notes	
Work around	Do not use.
Severity	P2

Known issues in previous releases

None.


Support resources

The following support resources are available for the Edge 510 LTE platform:

Documentation resources

For more information about the Dell EMC Edge 510 LTE, see the following documents:

- *Dell EMC Edge 510 LTE Quick Start Guide*
- *Dell EMC Edge 510 LTE Installation Guide*

 **NOTE:** For the most recent documentation, see the Dell EMC support site at www.dell.com/support.

Finding documentation

This document contains operational information specific to the Edge 510 LTE platform.

- For information about using the Edge 510 LTE platform, see the documents at www.dell.com/support.

Contacting Dell EMC

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 for sales, technical support, or customer service issues, go to www.dell.com/support.

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