

# Edge Device Manager R16

## Release Notes

**Current Version: R16**  
**Release Date: 2018-01**  
**Previous Version: R15**

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## Importance

Dell recommends applying this update during your next scheduled release 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).

Software releases are created to correct defects, make enhancements, or add new features. These releases are tested on all current, actively shipping platforms and operating systems as applicable. This release notes contain details on the supported platforms, any changes in the configuration settings and licensing details as well. The bug fixes along with the workarounds are documented in the release notes. Any changes in the feature functionality from an end-user perspective are listed with the description of each feature at a high level.

## Release type and definition

Edge Device Manager (EDM) is the next generation management solution for Edge gateway devices and Embedded PCs that offers advanced feature options such as, public versus private cloud deployment, manage-from-anywhere using a mobile application, and enhanced security such as BIOS configuration, and port lockdown. Other features are device discovery and registration, asset and inventory management, configuration management, applications deployment, real-time commands (wake-on-LAN, shutdown, restart and so on), monitoring, alerts, reporting, and troubleshooting.

## Current version

R16

## Previous version

R15

## What is new in this release

- Edge Gateway 5000 devices—Supports Windows 10 IoT Enterprise LTSC-2016.
- Embedded PC 3000/5000—Supports Windows 10 IoT Enterprise LTSC-2016.
- Advanced application policy—Supports deploying multiple application packages from a single policy. This policy can be applied to the devices based on the device types. Scripts can be executed on the devices using advanced application policy.  
**NOTE:** Advanced application policy is available for Windows based devices only.
- Support for new languages—French, Italian, German, Spanish, Simplified Chinese and Japanese.  
**NOTE:** Japanese and Simplified Chinese are available only in preview mode.
- Installer Enhancements— Option to change the default ports for all EDM services, and supports upgrade from EDM R15 to EDM R16.
- Groups page enhancements— Number of users is not displayed on the **Groups** page. When you click on number of devices, you are directed to the **Devices** page that displays the selected group filter. When you click the number of non-compliant devices, you are directed to the **Devices** page that displays the selected group and non-compliance filter.
- Support for BIOS update of Windows based-devices—BIOS of Windows Edge ssGateway and Embedded PCs can be updated from the EDM console.
- Operating system and agent version filters—New filters for operating system and agent versions are added.

- MySQL for private cloud—EDM can be installed with MySQL using the **Custom Installation** option.
- NOTE:** EDM has been validated with MySQL version 5.6.37.
- Configurable Heartbeat and Check in interval—You can configure heartbeat and check-in interval on the **Portal Administration** page.
  - Certificate Authority (CA) validation for file repository—Private or public cloud for EDM allows CA validation configuration to download files from a remote repository.
  - EDM console page size and filter enhancement—You can configure the page size based on the values between 10 to 100. This application also provides an option to save the filter on the **Devices** page, and administrator can set the default filter.
  - Batch synchronization of BIOS admin password—System administrator can set the BIOS administrator password for multiple devices. This option is added in the **More Actions** drop-down menu on the **Jobs** page.
  - EDM mobile application—Mobile application can be configured to ignore validation of Certificate Authority.

## Supported platforms

**Table 1. Supported platforms**

Platform name	Device Type	Tested operating system
Edge Gateway	Edge Gateway 5000	Windows 10 IoT Enterprise LTSC-2016 Ubuntu Core 16
	Edge Gateway 3001 Edge Gateway 3002 Edge Gateway 3003	Windows 10 IoT Enterprise LTSC-2016 Ubuntu Core 16
Embedded PC windows	Embedded PC 3000 Embedded PC 5000	Windows 7 Professional Windows 7 Professional for FES Windows Embedded Standard 7 Professional Windows Embedded Standard 7 Enterprise Windows 10 IoT Enterprise LTSC-2016 Windows 10 Professional
Embedded PC Ubuntu	Embedded PC 3000 Embedded PC 5000	Ubuntu Desktop 16.04

## Known issues

**Table 2. Known issues**

Known issues	Workaround
Windows Dell gateway agent service does not start on Edge Gateway.	Clear the log files in the directory <b>C:\Users\Public\Public Documents\Dell</b> and reboot the device.
Agent is not updated to version 14.x on Windows Edge gateway and Embedded PCs.	Reboot the device to upgrade the agent.
Edge gateway 3000 NIC BIOS setting displays an error. When the administrator configures NIC1, NIC2 the BIOS setting displays an error.	Update BIOS settings or procure a new hardware.
When you update firmware the first time, the following status is displayed: <b>Failed-No devices</b>	Not applicable.

Known issues	Workaround
<b>can be updated: Nothing to do.</b> The error message is not displayed when you update firmware the second time.	
BIOS update does not work for Windows devices.	Use <b>/f /s /r</b> as installation parameters.
Registration fails when you use USB.	Ensure that USB is formatted with FAT 32.

## Software information

**Table 3. Software information**

File Name	Description	Version
WMS_1.1.exe	Edge Device Manager server	1.1 (R16)
WMS_Repo.exe	Edge Device Manager remote repository	1.1
WDA_14.0.0.237_Unified.exe	Windows agent	14.0.0
wda_3.00.0-39132_amd64.deb	Ubuntu Desktop agent	3.00.0
ccm-wda_3.00.0.39132_amd64.snap	Ubuntu Core agent	3.00.0