

Dell EMC Repository Manager Version 3.0.1

Quick Start Guide

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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Introduction

The Dell EMC Repository Manager (DRM) ensures that the systems are up-to-date with the latest BIOS, driver, firmware, and software. DRM allows you to:

- Create repositories of customized component(s) and updates.
- Create groups of related updates for systems running the Microsoft Windows and Linux operating system .
- Generate comparison reports and update baselines of custom repositories.

The customized repositories are made up of Dell EMC Update Packages (DUPs) or Non-DUPs (such as .exe, .msi, .bin or any other file formats) files. DUPs are software utilities provided to update specific software and firmware components. You can arrange these components to group the related updates together. Every repository has a **catalog.xml** file and it specifies the content of the repository. DRM also has **catalog.xml.gz** and **catalog.gz** files. You can import the repository content in all the three formats, however, you can export the repository content in **catalog.xml** format only. The file downloaded from **ftp.dell.com/catalog** and **downloads.dell.com/catalog** is digitally signed to ensure system security.

This guide describes the installation process of Dell EMC Repository Manager (DRM) on the supported versions of operating systems.

Topics:

- [Prerequisites for installing DRM](#)
- [Downloading DRM](#)

Prerequisites for installing DRM

This section lists the specific prerequisites to be considered before installing DRM.

Hardware requirements

Table 1. Hardware requirements

Requirement	Details
Processor	1 GHz Pentium processor or equivalent
RAM	4 GB
Hard Disk	1 GB of available space
Display	1024 x 768 high color, 32-bit
Optical Drive (Optional)	CD/DVD writer

Software requirements

Supported operating systems:

- Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2012 R2
- Microsoft Windows Server 2016
- Microsoft Windows 8.1 (64-bit)
- Microsoft Windows 10 (64-bit)
- RedHat Enterprise Linux 6.x
- RedHat Enterprise Linux 7.x
- SUSE Linux 12

Optional requirements

- **Internet connectivity** – To access, create, and work with bundles, catalogs, and repositories.

① | **NOTE:** You can use the local repositories on DRM without internet connectivity.

- **CD/DVD or USB burning software** – To create a bootable CD/DVD or bootable USB.

Downloading DRM

You can download DRM from www.dell.com/support.

To download DRM from www.dell.com/support:

- 1 Click **Support > Drivers & Downloads** tab.
- 2 Click **View products** section, select **Software & Security > Enterprise Systems Management > Repository Manager**.
- 3 Select the required version of the repository manager.
- 4 The drivers specific to the version of the product is displayed.

Installing and uninstalling DRM

This chapter lists the prerequisites and the procedure to install or uninstall DRM.

Installing DRM on Microsoft Windows operating systems

To install DRM through a graphical user interface on Microsoft Windows operating systems:

- 1 Browse to the location where the DRM installer is available. Double-click the `<DRMINSTALLER_3.x.x.xxx>`, where x.x.xxx is the latest version or the build number.

The **DELL EMC Repository Manager** installation wizard is displayed.

NOTE: You can also exit the installation process by clicking **Cancel**.

- 2 After reviewing the **Introduction** screen, click **Next**.
You can review the preferences by clicking **Previous**.
- 3 Review the **License Agreement** and select **I accept the terms of the License Agreement**. Click **Next**.
- 4 On the **Choose Install Folder** window, choose a folder to install the repository manager. Click **Next**.
After you select a folder and want to revert to the default folder, click **Restore Default Folder**.
- 5 On the **Choose Shortcut Folder** window, select the location where the shortcuts are to be created. The available options are: **New Program Group**, **Start Menu**, **Desktop**, **Quick Launch Bar**, **Other location**, **No icons required**. After selecting the required options, click **Next**.
If you want to create the icons for all the users using the repository manager, select **Create icons for All Users** option.
- 6 On the **Migrate previous versions data** window, the **Repositories** information and **Preferences** from the previous version of the repository manager (if installed) is migrated to the current version of the software.
- 7 On the **Pre-Installation Summary** window, review the selected preferences and click **Install**.
The installation of the repository manager is completed successfully.
- 8 Click **Done** to exit the installer.
The repository manager is configured for your system.
- 9 The installation successful message is displayed is displayed. Click **OK**.

Installing DRM on Linux operating systems

To install DRM from a command line interface on Linux operating systems:

NOTE: Ensure that you are logged in with root or administrative privileges.

- 1 Download the `DRMInstaller_3.<version>` software from the support site. `.bin` file from .
- 2 Open the command line interface and navigate to the location where the DRM installer file is available.
- 3 On the interface, enter the following command- `sh DRMInstaller_<version>.bin`.
The DRM installatin wizard is displayed.
- 4 For more information on installing DRM, see [Installing DRM through interactive mode](#).

NOTE: DRM cannot be installed on a custom location in Linux operating systems.

Sample commands

This section describes some of the sample commands used in installing and uninstalling DRM:

Table 2. Sample commands

Linux syntax	Microsoft Windows syntax	Description
<code>/DRMInstaller.bin</code>	<code>DRMInstaller.exe</code>	DRM installer is opened, only if the operating system supports GUI. If operating system does not support GUI then the installation proceeds without GUI.
<code>./drm -h</code> or <code>./drmi -help</code>	<code>drm /?</code> or <code>drm /h</code> or <code>drm -help</code>	Displays the command line options and help information.
<code>./drm -v</code> or <code>./drm --version</code>	<code>drm /v</code> or <code>drm -version</code>	Displays the installed DRM version.
<code>./DRMInstaller.bin -i silent</code>	<code>DRMInstaller.exe -l silent</code>	Install DRM silently without user intervention. This option writes all the output to log files.
<code>./Change Dell EMC Repository Manager Installation.sh -i -uninstall</code>	<code>Change Dell EMC Repository Manager Installation.exe -i -silent -uninstall</code>	Uninstall DRM silent without user intervention.
<code>./Change Dell EMC Repository Manager Installation.sh -l</code>	<code>Change Dell EMC Repository Manager Installation.exe</code>	Launch the wizard to uninstall or repair.

Launching Repository Manager

You can launch Repository Manager from the desktop, from the Start menu or, from the folder location where you have installed it. To run Repository Manager from the folder location on the system:

To launch DRM on Microsoft Windows operating system, click **Start > All Programs > Dell EMC Repository Manager**.

NOTE: You can also navigate to the location where DRM is installed. By default, DRM is installed at `C:\Program Files\Dell\DELL EMC Repository Manager`.

To launch DRM on Linux operating system, type `/root/DellEMCRepositoryManager.ini`.

Running DRM from the Start menu

Click **Start > All Programs > Dell EMC Repository Manager v<version number of Repository Manager>**.

Run Repository Manager from your desktop

To run DRM using the desktop icon, click **Dell EMC Repository Manager**.

Running DRM using command line options

To launch DRM through command line options, open the command prompt and type `drm`.

Updating DRM

On the **Dell EMC Repository Manager** drop-down list, in the **Manage** section, click on **Check for New Version** to update to the latest version of the repository manager.

NOTE: After you update DRM on Linux operating systems, some features may not work as expected until you manually restart the DRM service (*drmservice*). A restart of the service is required for the changes to be applied.

Repairing DRM on Microsoft Windows operating systems

To repair the repository manager through interactive mode on Microsoft Windows operating systems:

- 1 Click **Control panel > Programs and Features**.
- 2 In the **Programs and Features** window, select **Dell Repository Manager**, and click **Uninstall/Change**.
The **Dell EMC Repository Manager** wizard is opened in maintenance mode.
- 3 From the available options, select **Repair Product**. By default, the **Uninstall Product** option is selected. Click **Next**.
- 4 Click **Install** to repair DRM. Click **Previous** if you want to review the preferences.
The DRM application is repaired.
- 5 To complete the installation and the changes to reflect in the application, you have to restart the system. You also have the option to restart the system later. After selecting the appropriate option, click **Done**.

Uninstalling DRM on Microsoft Windows operating systems

To uninstall the repository manager through interactive mode on Microsoft Windows operating systems:

- 1 Click **Control panel > Programs and Features**.
- 2 In the **Programs and Features** window, select **Dell Repository Manager**, and click **Uninstall**.
The **Dell EMC Repository Manager** wizard is opened in maintenance mode.
- 3 By default, the **Uninstall Product** option is selected. Click **Next**.
A message is displayed about a confirmation to uninstall DRM.
- 4 Click **Next** to uninstall DRM. Click **Previous** if you want to review the preferences.

Repairing DRM on Linux operating systems

To repair the repository manager through CLI on Linux operating systems:

- 1 Open the command line interface and navigate to the location where DRM is installed. By default, the path is set to `/opt/dell/dellemcrepositorymanager/-Dell EMC Repository manager_installation/Change Dell EMC Repository Manager Installation.sh`.
- 2 Enter the following command- `./Change Dell EMC Repository Manager Installation`.
The **Dell EMC Repository Manager** wizard is opened in maintenance mode.
- 3 From the available options, select **Repair Product**. By default, the **Uninstall Product** option is selected. Click **Next**.
- 4 Click **Install** to repair DRM. Click **Previous** if you want to review the preferences.

The DRM application is repaired.

- 5 To complete the installation and the changes to reflect in the application, you have to restart the system. You also have the option to restart the system later. After selecting the appropriate option, click **Done**.

Uninstalling DRM on Linux operating systems

To uninstall DRM through a command line interface on Linux operating systems:

NOTE: Ensure that you are logged in with root or administrative privileges.

- 1 Open the command line interface and navigate to `/opt/dell/dellemcrepositorymanager/_Dell EMC Repository Manager_installation /Change Dell EMC Repository Manager Installation.sh`.
- 2 Enter the following command- `./Change Dell EMC Repository Manager Installation`.
The **Dell EMC Repository Manager** wizard is opened in maintenance mode.
- 3 By default, the **Uninstall Product** option is selected. Click **Next**.
A message is displayed about a confirmation to uninstall DRM.
- 4 Click **Next** to uninstall DRM. Click **Previous** if you want to review the preferences.