Manuals+ — User Manuals Simplified.

DELL EMC Repository Manager Version 3.4.1 User Guide

DELL EMC Repository Manager Version 3.4.1 User Guide

Contents

Introduction

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

- Create repositories of customized components 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 that are provided to update specific software and firmware components. You can arrange these components to group the related updates together. You can import the repository content in all the three formats, however, you can export the repository content in catalog.xml format only. 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

DRM works on a wide range of Operating Systems for Windows and Linux. Listed are the specific Operating Systems that DRM is tested with:

- Microsoft Windows Server 2019
- Microsoft Windows Server 2022
- Microsoft Windows 10
- Microsoft Windows 11
- RedHat Enterprise Linux 7.9
- RedHat Enterprise Linux 8.5
- SUSE Linux 15
- Ubuntu 20.04

Downloading DRM

You can download DRM from DRM Knowledge Base page or dell.com/support. To download DRM from dell.com/support:

1. In the support site, click **Drivers & Downloads.**
2. In **Enter a Service Tag, Serial Number, Service Request, Model, or Keyword** search box, provide the system details.
3. In **Drivers & Downloads** section, all the applicable drivers are displayed. You can manually search the complete list or use the different search fields to find the DRM installer.
4. Select the **Download Actions** check-box against DRM, and click **Download**.

Installing and maintaining DRM

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

Topics:

- Installing DRM on Microsoft Windows operating systems
- Installing DRM on Linux operating systems
- Sample commands
- Launching Repository Manager
- Upgrading DRM
- Repairing DRM on Microsoft Windows operating systems
- Uninstalling DRM on Microsoft Windows operating systems
- Uninstalling DRM on Windows through CLI
- Repairing DRM on Linux operating systems
- Uninstalling DRM on Linux operating systems
- Uninstalling DRM on Linux through CLI

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_A00>, where x.x.xxx is the latest version or the build number. The DELL EMC Repository Manager installation wizard is displayed.
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.

(i) **NOTE:**

    1. DRM database password must contain a minimum of eight characters with a combination of one uppercase, one lowercase, one numeric, and atleast one special character (@, #, $, %, &, *, !, -, _).

    2. Only admin users can update the database password by using the update password command. For more information, see Dell EMC Repository Manager Version 3.4.1 User's Guide.

6. On the Migrate previous versions data window, the Repositories information and Preferences from any 2.x version of the repository manager (if installed) is migrated to the current version of the software.

7. On the Database window, Set DRM database password by entering the Password and then Confirm Password for the database.

8. On the Pre-Installation Summary window, review the selected preferences and click Install. The installation of the repository manager is completed successfully.

9. Click Done to exit the installer. The repository manager is configured for your system.

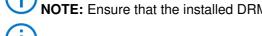10. The installation successful message is displayed. Click OK.

Installing DRM on Linux operating systems

To install DRM from a command-line interface on Linux operating systems: Ensure that you perform the following prerequisites:

- Log in with the root or administrative privileges.
- The following libraries are installed for Ubuntu operating systems:
    - Libgtk-2.0-0
    - Libgtk-2.0-cil

1. Download the <DRMINSTALLER_3.x.x.xxx_A00> software from the support site dell.com/support.
2. Open the command-line interface and go to the location where the DRM installer file is available.

(i) **NOTE:** The Preinstallation summary on DRM installer GUI does not appear in a readable format during the fresh installation of DRM on Linux operating system having resolution less than 1600.

3. On the interface, enter one of the following commands:

- For CLI mode: DRMInstaller_3.x.x.x_A00.bin -i console
- For GUI mode: DRMInstaller_3.x.x.x_A00.bin
- For silent mode: DRMInstaller_3.x.x.x_A00.bin -i silent
- NOTE: The Database password option to set and update the password is not supported for silent mode.

(i) **NOTE:** Ensure that the installed DRM work as expected on the default path.

(i) **NOTE:**

- DRM database password must contain a minimum of eight characters with a combination of one uppercase, one lowercase, one numeric, and at least one special character (@, #, $, %, &, *, !, -, _).
- Only root user can update the database password by using update password command. For more information, see Dell EMC Repository Manager Version 3.4.1 User's Guide.
- The Confirm password field is not displayed for database password during installation or upgradation of DRM

versions above 3.3.2 through CLI.

(i) NOTE:

- When DRM is installed using GUI mode, then to uninstall the DRM using CLI interactive mode on Linux operating system, run the below command: /Change Dell EMC Repository Manager Installation -i console
- When DRM is installed using CLI interactive mode, then to uninstall the DRM using GUI mode on Linux operating system, run the below command: /Change Dell EMC Repository Manager Installation -i gui

Post-installation:

1. After the installation is completed, a drmuser user account is created. This account is used to run all DRM tasks in repositories and catalogs.
2. Provide read and write access to a drmuser user account for all directories and files that are used for repository and catalog tasks.

   (i) **NOTE:** You may get an Access Denied error if the drmuser user account does not have the required read and write access to the respective directories and files that are used for repository and catalog tasks.

Sample commands

This section describes some of the sample commands used in installing and using DRM.

Table 2. Sample commands

Linux syntax	Microsoft Windows syntax	Description
/DRMInstaller.bin	DRMInstaller.exe	DRM installer is opened, only if the operating system supports GUI. If operating system does not support GUI then the installation proceeds without GUI.
./drm –h or ./drm –-help	drm /? or drm /h	Displays the command line options and help information.
./drm –v or ./drm –version	drm /v or drm –version	Displays the installed DRM version.
Change Dell EMC Repository Manager Installation.exe -i silent -uninstall	Change Dell EMC Repository Manager Installation.exe -i silent -uninstall	Uninstall DRM silently and the DRM data will be removed by default without user intervention.

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.

ⓘ **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\drm.bat To launch DRM on Linux operating system: Type drm on the terminal.

Running DRM from the Start menu
Click Start > All Programs > Dell EMC Repository Manager.
Running DRM from desktop
To run DRM using the desktop icon, click Dell EMC Repository Manager.
Running DRM from command line interface
To launch DRM through command line options, open the command prompt and type drm.

Upgrading DRM

When a new version of DRM is released, a bell alert is displayed on the Graphical User Interface (GUI).

ⓘ **NOTE:** Recommends you to use the default path for DRM upgrade, even if the previous installation was on a custom path. If you provide a different location, and then delete the old files in previous path manually.

ⓘ **NOTE:** When you are migrating from DRM 2.x version to DRM 3.x version, ensure that you upgrade to 3.0 and then upgrade to the specific DRM 3.x version.

1. On the Dell EMC Repository Manager drop-down list, in the Manage section, click Check for New Version to download and install to the latest version of the repository manager.

   NOTE: The Set DRM database password option is enabled for DRM 3.4.x and above to install or upgrade DRM as partof security enhancements.

   ⓘ **NOTE:** Recommends you to relaunch the DRM after a successful upgrade operation.

   ⓘ **NOTE:** After upgrade, to view the Online help (OLH) files, clear the browser's cache and then relaunch the OLH files.

   ⓘ **NOTE:** During DRM upgrade on Microsoft Windows Server 2019, or Microsoft Windows Server 2022, the installer may not run automatically due to windows security policies. Hence, manually run the installer file from C: \Users\username\AppData\Local\Temp location.

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 and click Next.
4. Click Repair Product to repair DRM. 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.

   ⓘ **NOTE:** It is recommended to restart the system and launch DRM after a successful repair operation.

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. n 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.
5. The Remove repository content checkbox is selected by default to remove the DRM content.

Uninstalling DRM on Windows through CLI

To uninstall DRM from a command line interface on Windows operating system:

1. Open the command line interface and navigate to C:\Program Files\Dell\Dell EMC Repository Manager_Dell EMC Repository Manager_installation\Change Dell EMC Repository Manager
2. On the interface, enter the following command Installlation.exe -i silent -uninstall

Repairing DRM on Linux operating systems

To repair the repository manager through Graphical User Interface (GUI) 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.
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. 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.

   (i) **NOTE:** It is recommended to restart the system and launch DRM after a successful repair operation.

Uninstalling DRM on Linux operating systems

To uninstall DRM through Graphical User Interface (GUI) on Linux operating systems:

(i) **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.
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.
5. The Remove repository content checkbox is selected by default to remove the DRM content.

Uninstalling DRM on Linux through CLI

To uninstall DRM from a command line interface on Linux operating system:

1. Open the command line interface and navigate to the location /opt/dell/dellemcrepositorymanager/_Dell EMC Repository Manager_installation/
2. On the interface, enter the following command ./Change Dell EMC Repository Manager Installation.sh – i silent -uninstall

Documents / Resources

Dell EMC Repository Manager Version 3.4.1 Quick Start Guide DELLEMC	**DELL EMC Repository Manager Version 3.4.1** [pdf] User Guide Repository Manager Version 3.4.1, Repository Manager