# Dell Repository Manager Business Client Version 1.7 User's Guide

# Notes, Cautions, and Warnings

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

**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.**



2013 - 07

Rev. A00

# Contents

1

# Overview

The Dell Repository Manager (DRM) ensures that the Dell 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 Operating System (32 and 64bits) and Linux Operating System
- Generate comparison reports and update baselines of custom repositories

The customized bundles and repositories are made up of Dell Update Packages (DUPs) or Non-DUPs (such as .exe, .msi, .bin or any other file formats) files. DUPs are software utilities provided by Dell to update specific software and firmware components on Dell desktops, and Dell laptops. You can arrange these components to group the related updates together. Every repository has a **catalog.xml** or **catalog.cab** file that specifies the contents of that repository. The **catalog.cab** file, downloaded from **ftp.dell.com,** is digitally signed by Dell to ensure system security.

Dell Repository Manager can run in two modes — Data Center version and Business Client version. The Data Center version manages repositories for Dell servers and storage systems. The Business Client version manages repositories for Dell Precision Workstations, Dell Inspiron, or Dell Optiplex systems. For more information on the client version, see *Dell Repository Manager Data Center User's Guide* at **dell.com/support/manuals**.

**NOTE:** Dell Repository Manager can only be installed on systems running the Microsoft Windows operating system.

## What Is New In This Release

This release of Dell Repository Manager (DRM) introduces the following new features:

- Manages 64bit update content.
- Supports Dell PowerEdge VRTX update content.
- Supports addition of Non-DUP files (not only Dell Update Package file) into a repository.

## Accessing Documents From Dell Support Site

To access the documents from Dell Support site:

1. Go to **dell.com/support/manuals**.
2. In the **Tell us about your Dell system** section, under **No**, select **Choose from a list of all Dell products** and click **Continue**.
3. In the **Select your product type** section, click **Software and Security**.
4. In the **Choose your Dell Software** section, click the required link from the following:
    - **Client System Management**
    - **Enterprise System Management**

- **Remote Enterprise System Management**
- **Serviceability Tools**

5. To view the document, click the required product version.

**NOTE:** You can also directly access the documents using the following links:

- For Enterprise System Management documents — **dell.com/openmanagemanuals**
- For Remote Enterprise System Management documents — **dell.com/esmmanuals**
- For Serviceability Tools documents — **dell.com/serviceabilitytools**
- For Client System Management documents — **dell.com/OMConnectionsClient**
- For OpenManage Connections Enterprise systems management documents — **dell.com/OMConnectionsEnterpriseSystemsManagement**
- For OpenManage Connections Client systems management documents — **dell.com/OMConnectionsClient**

# Other Documents You May Need

In addition to this guide, you can access the following guides available at **dell.com/support/manuals**.

- *Dell Repository Manager Quick Installation Guide*
- *Dell Systems Management - OpenManage Software Support Matrix*
- *Dell Update Packages User's Guide*
- *Dell OpenManage Server Update Utility User's Guide*
- *Dell OpenManage Server Administrator Installation Guide**
- *Dell OpenManage Essentials User's Guide**

* This guide is also found on the *Dell Systems Management Tools and Documentation* DVD.

For information on terms used in this document, see the *Glossary* on the Dell support website.

# 2

# Updating Dell Repository Manager

You can update the Dell Repository Manager to the latest available version using the following methods:

- Updating Dell Repository Manager At Launch
- Updating Dell Repository Manager Using The Application Settings
- Updating Dell Repository Manager Using Updater

## Updating Dell Repository Manager At Launch

1. Launch the Dell Repository Manager.
   The Dell Repository Manager checks for the latest available version of the application at **ftp.dell.com**. If a new version is available, the **Dell Repository Manager Update Manager** window is displayed with the following:
   - **Current Installed Version:**
   - **New Version:**
   - **Release Date:**
   - **New Release Location:**
   - **Release Notes:**
2. Click **Update**.
   You can click **Skip** to retain the existing version of the **Dell Repository Manager**.

   **NOTE:** The **Update** button is enabled only when the version of the Repository Manager installed on your system is out-of-date.

   **NOTE:** If you do not want the Dell Repository Manager to check for the latest available versions at launch, in the **Dell Repository Manager Update Manager** screen, clear the **Check for new version at launch** check box.

## Updating Dell Repository Manager Using The Application Settings

1. On the **Dell Repository Manager** screen, click **Application** → **Check for Application Update**.
   The **Application Update** window is displayed with the following:
   - **Current Installed Version:**
   - **New Version:**
   - **Release Date:**
   - **New Release Location:**
   - **Release Notes:**
2. The Dell Repository Manager checks for the latest available version of the application at **ftp.dell.com**. If a newer version is available, the application prompts you to install the same.

   **NOTE:** The **Update** button is enabled only when the version of the Dell Repository Manager installed on the system is out-of-date. You can click **Skip** to retain the existing version of the Dell Repository Manager.

**NOTE:** If you do not want the Dell Repository Manager to check for the latest available versions at launch, in the **Dell Repository Manager Update Manager** screen, clear the **Check for new version at launch** check box.

**NOTE:** For more information on installing the Dell Repository Manager on the system, see the *Dell Repository Manager Quick Installation Guide* at **dell.com/support/manuals**.

# Updating The Dell Repository Manager Using The Updater

1. Click **Start** → **All Programs** → **Dell Repository Manager v*<x.x.x>*** folder.
   Where *x.x.x* is the version number of the Dell Repository Manager installed on the system.

   **NOTE:** For Microsoft Windows 8 and Microsoft Windows Server 2012, a shortcut key is available for Dell Repository Manager, once you press the **Start** button.
2. Select the **Dell Repository Manager Updater** option.
   If a new version is available, the **Dell Repository Manager Update Manager** dialog box appears displaying the:

   - **Current Installed Version:**
   - **New Version:**
   - **Release Date:**
   - **New Release Location:**
   - **Release Notes:**
3. Click **Update**.
   You can click **Skip** to retain the existing version of the **Dell Repository Manager**.

   **NOTE:** The **Update** button is enabled only when the version of the Dell Repository Manager installed on your system is out-of-date.

   **NOTE:** If you do not want the Dell Repository Manager to check for the latest available versions at launch, in the **Dell Repository Manager Update Manager** screen, clear the **Check for new version at launch** check box.

   **NOTE:** In systems running Microsoft Windows Server 2012 (64-bit Operating Systems), you can start the update by running the **RMUpdater.exe** file at: **c:\Program Files (x86)\Dell\Dell Repository Manager vx.x.x \RMUpdater.exe**.

# 3

# System Requirements And Uninstalling The Dell Repository Manager

This chapter lists the systems requirements and procedures to uninstall DRM.

**Related Topic**

- Hardware Requirements
- Software Requirements
- Optional Requirements
- Uninstalling Dell Repository Manager
- Repairing Repository Manager

## Prerequisites For Installing The Dell Repository Manager

This section lists the specific prerequisites for installing the DRM.

### Hardware Requirements

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

### Software Requirements

| Requirement | Details |
|---|---|
| System Requirement | • Microsoft .NET Framework 4.0 full version |
| Supported Operating Systems | • Microsoft Windows Server 2008 (32-bit and 64-bit)<br>• Microsoft Windows Server 2008 R2<br>• Microsoft Windows Server 2012<br>• Microsoft Windows 7 (32-bit and 64-bit)<br>• Microsoft Windows 8 (32-bit and 64-bit) |

| Requirement | Details |
|---|---|
| Supported Internationalized Operating Systems | • English<br>• French<br>• German<br>• Spanish<br>• Japanese<br>• Simplified Chinese<br>• Russian<br>• Portuguese<br><br>**NOTE:** The Dell Repository Manager user interface is displayed only in English irrespective of the language of the operating system on which it is installed. |

**NOTE:** Internet connectivity and DVD burning software are optional requirements. You can use the Dell Repository Manager for local repositories, without Internet connectivity. The DVD burning software is required only for functions such as burning a custom Server Update Utility DVD or a bootable Linux CD.

### Optional Requirements

Internet connectivity and DVD burning software are optional requirements. You can use the Dell Repository Manager for local repositories, without Internet connectivity. The DVD burning software is required only for functions such as burning a custom Server Update Utility DVD or a bootable Linux CD.

## Supported Dell Systems For Exported Repositories And Bundles

You can use the exported bundles on Dell systems that support Dell Update Packages (DUPs). With Dell Repository Manager, you can use the FTP catalog, which contains the support for n and n-1 blocks. For more information about the supported system models for the FTP catalog, see **ftp.dell.com/cmsdk/PDK_Readme.doc**.

## Uninstalling Dell Repository Manager

To uninstall Dell Repository Manager:

1. From the **Control Panel** → **Programs and Features**.
2. In the **Programs and Features** window, select **Dell Repository Manager**, and click **Uninstall**.
3. Click **Yes** to confirm.

**NOTE:** You must have administrative privileges in the system to uninstall Dell Repository Manager.

## Repairing Dell Repository Manager

1. Double-click the **Repository Manager.msi** file located on the system.
2. On the **Dell Repository Manager - InstallShield Wizard**, click **Next**.

   **NOTE:** By default, the **Repair** option is selected on the **Program Maintenance** window.
3. Confirm that **Repair** is selected, and click **Next**.
4. In the **Ready to Repair the Program** window, click **Install** to complete the repair or click **Cancel** to exit without making any changes.

**NOTE:** If you click **Cancel**, a pop-up window is displayed. Click **Yes** to finish or **No** to return to the **Ready to Repair the Program** window.

5. Click **Finish**.

The repaired Dell Repository Manager is installed on the system.

4

# User Scenarios

This section describes the various features of the Dell Repository Manager (DRM) and the user scenarios.

**Related Topics**

- Searching The Dell Support Site For Updates
- Using FileStore Save Disc Space In System Drive (C: Drive)
- Export Updates To Lightweight Deployment Package
- Updating The Local Repository
- Launching Repository Manager Using Command Line Options
- Using Repository Manager in Client Mode to Create and Manage Components
- Using Repository Manager to Create and Manage a Client Repository

## Searching The Dell Support Site For Updates

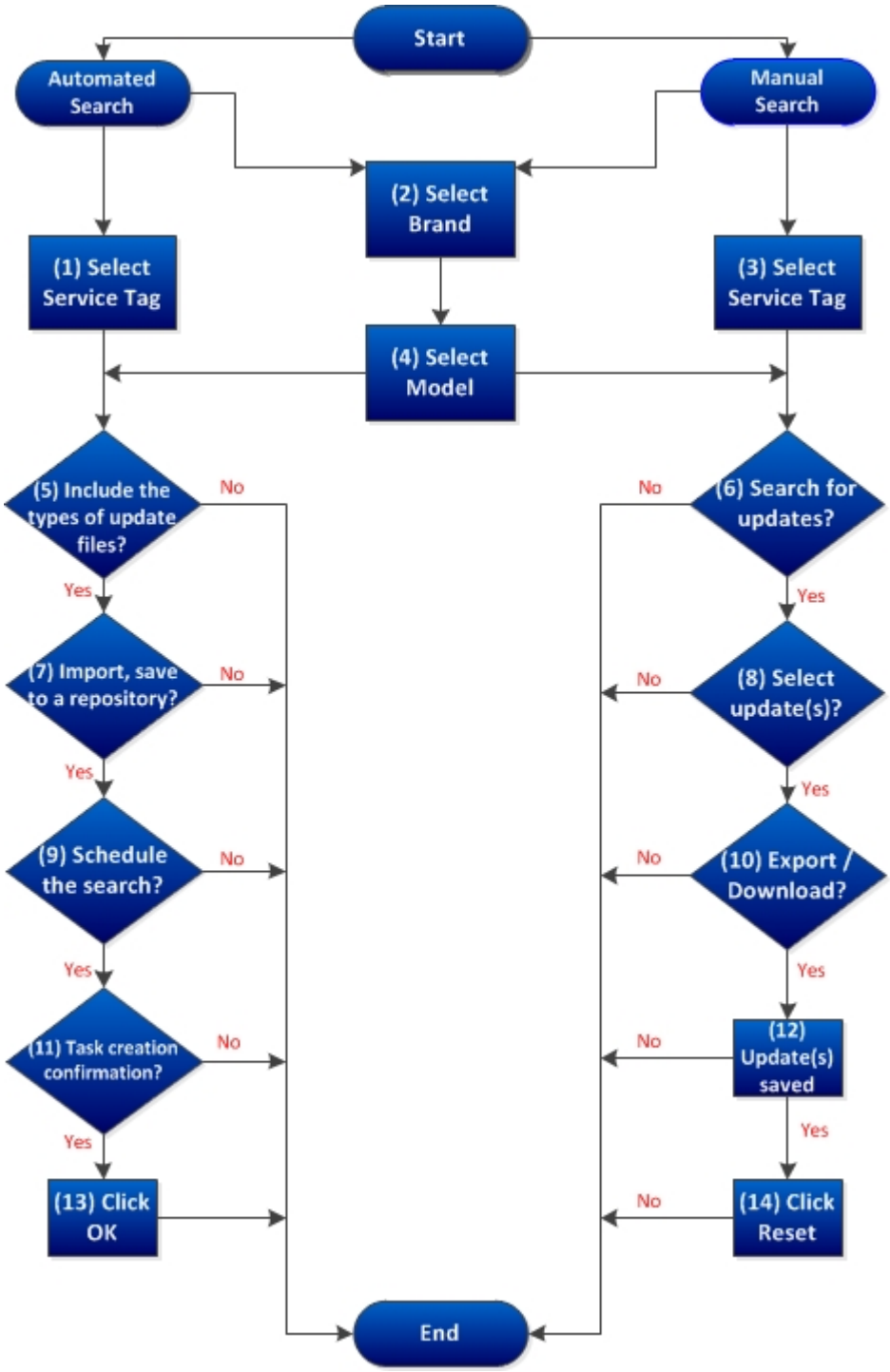
Starting DRM 1.6 and later, you can search the Dell support site for the latest catalog files, Dell Update Packages (DUPs) and non DUP packages. These updates can be exported to an existing or a new repository.

You can search the Dell Support Site using one of the following methods:

- Automated Search
- Manual Search

For more information, see *Dell Repository Manager Data Center User's Guide*.

The following flowchart describes the process of searching the support site:


Start
Automated Search
Manual Search
(2) Select Brand
(1) Select Service Tag
(3) Select Service Tag
(4) Select Model
(5) Include the types of update files?
No
Yes
(6) Search for updates?
(7) Import, save to a repository?
(8) Select update(s)?
(9) Schedule the search?
(10) Export / Download?
(11) Task creation confirmation?
(12) Update(s) saved
(13) Click OK
(14) Click Reset
End

# Using FileStore Save Disk Space In System Drive (C: Drive)

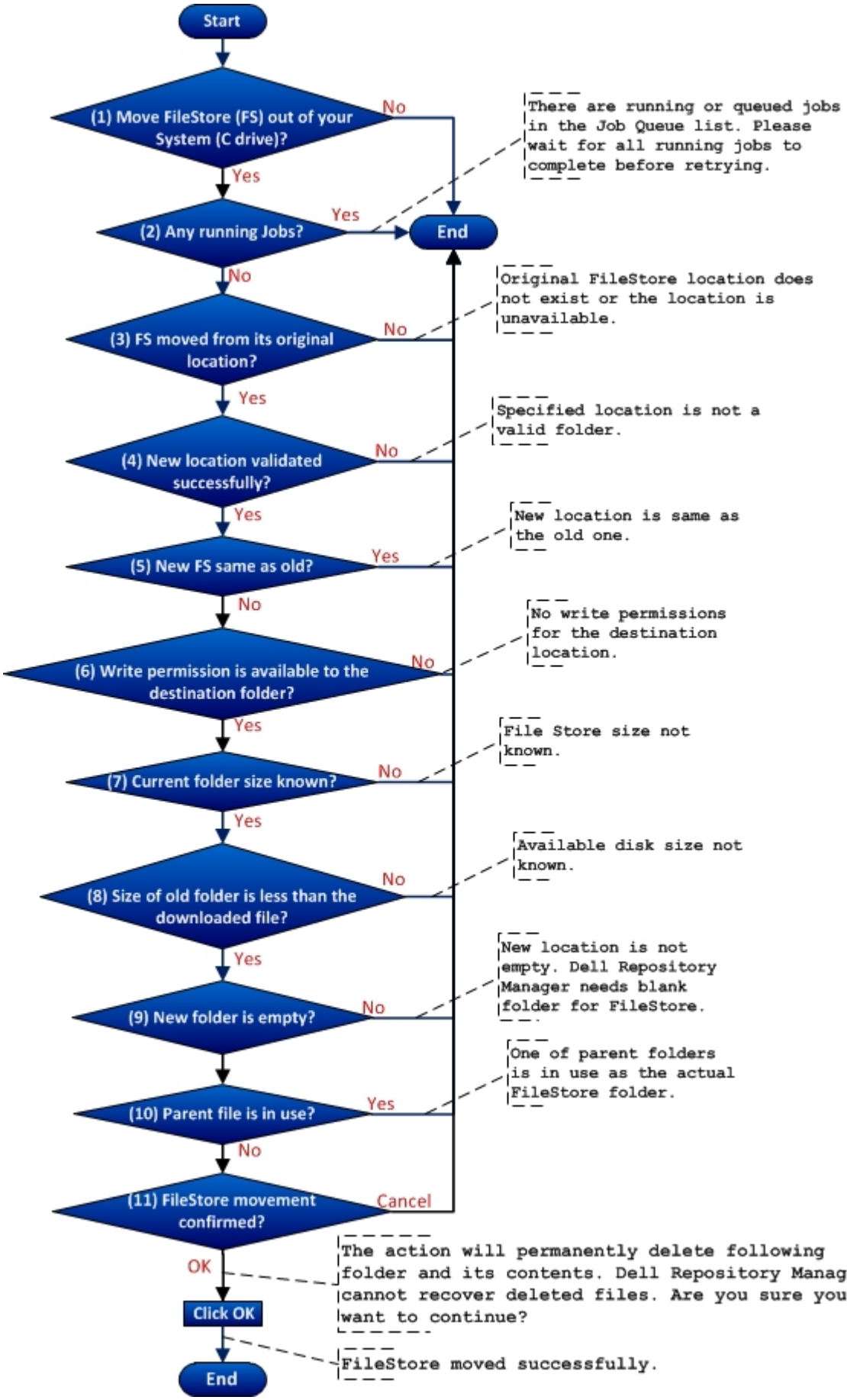
DRM 1.6 onwards, the configurable FileStore feature helps the user to save disk space on the System Hard Disk. The default file location for the FileStore is **C:\Users\<User Name>\AppData\Local\RepositoryManager\FileStore**. However, the FileStore can be moved to a different location after DRM is installed on the system.

**NOTE:**

- You are restricted from performing any other operations while moving the FileStore from its original location.
- Stop any running jobs before initiating the FileStore movement. You can restart the stopped jobs once the FileStore is moved successfully. DRM starts communicating with the required files from the new location to resume the stopped jobs.
- Moving the FileStore folder from its default location permanently deletes the folder and its contents. However, the data of the default FileStore folder is saved in the new location.
- DRM cannot recover deleted files and folders.

Moving the FileStore folder from the default location to another location in the same drive, another drive, or another computer on the network is recommended. The **Use Default** button moves back the FileStore folder to the default location. For more information on FileStore, see Configuring FileStore Setting.

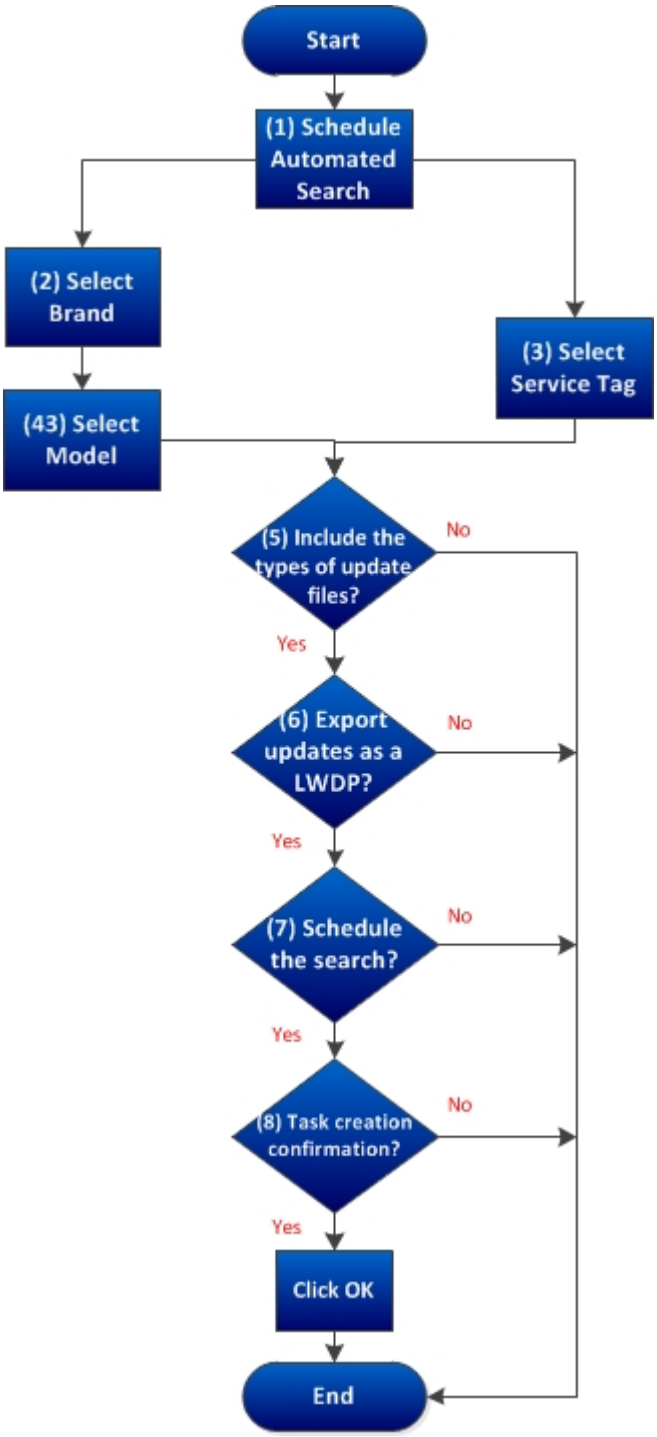
The following flow chart describes the process in detail.


Start
(1) Move FileStore (FS) out of your System (C drive)?
No
There are running or queued jobs in the Job Queue list. Please wait for all running jobs to complete before retrying.
Yes
(2) Any running Jobs?
Yes
End
No
(3) FS moved from its original location?
No
Original FileStore location does not exist or the location is unavailable.
Yes
(4) New location validated successfully?
No
Specified location is not a valid folder.
Yes
(5) New FS same as old?
Yes
New location is same as the old one.
No
(6) Write permission is available to the destination folder?
No
No write permissions for the destination location.
Yes
(7) Current folder size known?
No
File Store size not known.
Yes
(8) Size of old folder is less than the downloaded file?
No
Available disk size not known.
Yes
(9) New folder is empty?
No
New location is not empty. Dell Repository Manager needs blank folder for FileStore.
(10) Parent file is in use?
Yes
One of parent folders is in use as the actual FileStore folder.
No
(11) FileStore movement confirmed?
Cancel
OK
The action will permanently delete following folder and its contents. Dell Repository Manager cannot recover deleted files. Are you sure you want to continue?
Click OK
FileStore moved successfully.
End

# Export Updates To Lightweight Deployment Package

LightWeight Deployment Package provides scripts (batch and shell) to apply the updates (DUP) for multiple products in an automated manner. DRM generates the batch file for the user. The file is located in the same folder along with the DUPs. After you copy the LWDP file to the system, it provides necessary updates (drivers, BIOS, and firmware) to the system. The script provided by Dell is used to apply all the updates. For more information on Lightweight Deployment Package, see *Dell Repository Manager Business Client User's Guide*.

The following flowchart describes the process of exporting the updates to a Lightweight Deployment Package.

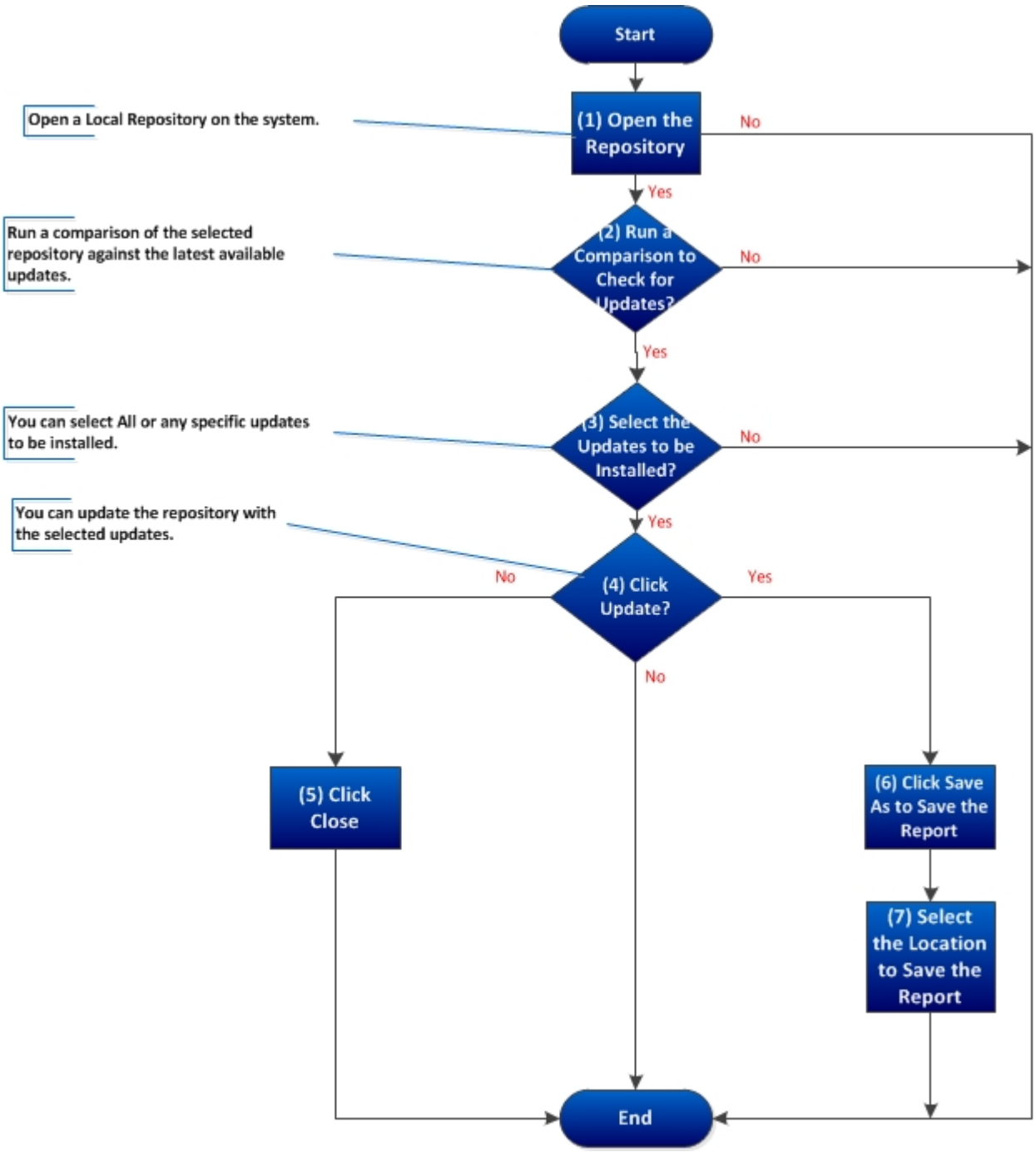



## Updating The Local Repository

The Local Repository can be updated with the latest available updates (DUPs). The selected repository compares against the latest catalog file, which consists the latest available updates. You have the options to update the repository

with all the available DUPs for the system. Also, you can choose a specific DUP as per the requirement. Different DUPs exist for newer version, changed files, obsoleted files, and other files in the source screen. These options guide you further to drill down your search to the exact DUP for a system. **Repository Update Report** can be saved to the local system, with the details of the downloaded and installed updates. For more information about updating a local repository, see Updating A Local Repository.

The following flowchart describes the process of updating the Local Repository.



# Launching DRM Using Command Line Options

Navigate to the location where DRM is installed in the system. By default, for 64 bit DRM is installed at `c:\Program Files (x86)\Dell\Dell Repository Manager v1.7.0`. For 32 bit the DRM is installed at `c:\Program Files\Dell\Dell Repository Manager v1.7.0`. Open command prompt. Go to **Start** → **Run**, type **cmd** and press enter.

Run the Dell Repository Manager using the following command:

- **RepositoryManager.exe -client** — Launches the application in Business Client version.

# Using Dell Repository Manager To Create And Manage A Repository

In the Dell Repository Manager, on the **My Repositories** tab, select the specific repository, and click **Open**.

You can manage the loaded repository in the following ways:

- Compare and update the repository against another repository or the Source.
- Save the repository.
- Edit or go back to the My Repository tab and **Delete**.
- Search the repository for different component(s) by using available filter options.

**Related Topics**

- Comparing And Updating Respository
- Save Repository To Local Disk
- Filter Properties

# Using Dell Repository Manager To Create And Manage Components

1. On the **My Repositories** tab select the specific repository, and click **Open**.
2. In the **Components** tab, you can perform the following tasks:
   - Import components — This is applicable to local repositories only.
   - Delete components
   - Download files (components)
   - Copy components
   - View component properties

5

# Using Dell Repository Manager

You can perform the following tasks in the Client mode:

- Work with repositories
- Import repositories
- Edit or delete repositories
- Work with components
- Modify repository
- Export catalog
- Search your repository based on filters and search criteria you specify
- Export components to new and existing repositories
- Work with jobs queue
- Search Dell Support Site
- Scheduling Automatic Search

**Related Topics**

- Working With My Repository
- Importing A Legacy Repository
- Editing A Repository
- Working With Components
- Saving Repository To Local Disk
- Working With Filters
- Copying Components
- Working With Jobs Queue
- Searching Dell Support Site
- Scheduling Automatic Search

## Check For Dell Repository Manager Update

1. On the **Dell Repository Manager,** click **Application** → **Settings.**
   The **Settings** window is displayed.
2. On the **Setting** window click **Dell Repository Manager Update**.
   The **Application Update** window is displayed with the following information:
   - **Current Installed Version** — Displays the current version of the Dell Repository Manager.
   - **New Version** — Displays the latest available version of the Dell Repository Manager.
   - **Release Date** — Displays the release date of the latest version of the Dell Repository Manager.
   - **New Release Location** — Displays the updated path to install the latest version of the Dell Repository Manager.

- **Release Notes** — Displays the lists the changes made in the latest version of the Dell Repository Manager.

3. Click **Update** to install the latest version of the Dell Repository Manager on the system.

   Or click **Skip**, and then click **Close** to continue using the current version of the Repository Manager installed on the system.

   **NOTE:** The **Update** button is enabled only if the version of the **Dell Repository Manager** installed on the system is out-of-date.

   The Dell Repository Manager checks for the latest updates on the support site, every time you run the application. If you do not want the Dell Repository Manager to check for updates automatically, clear the **Check for new version at launch** check box on the **Dell Repository Manager Update Manager** window.

# Configuring Settings For Dell Repository Manager

You can configure the following settings on the Dell Repository Manager:

- **Source Repository**
- **Default Proxy**
- **FileStore**

## Configuring Source Repository

To configure a default repository:

1. On the **Dell Repository Manager** screen, click **Application** → **Settings** → **Source Repository**.
2. In the **Source Repository** window, select one of the following as the default repository:

   - **Dell online repository (ftp.dell.com)**

     **NOTE:** When a new catalog file is available from dell, the **New Catalog Available** notification appears on the menu bar. You can import the latest catalog file using this notification.

   - **A Local Repository**

     **NOTE:** If you select **A Local Repository**, click **Browse** and select the **catalog.xml** file.

     **NOTE:** If **Check the update of source repository while starting** check box is selected, DRM checks for an update on every launch.

3. Click **Finish** to accept changes or **Cancel** to exit without making changes.

## Configuring Default Proxy Settings

To configure the default proxy settings for a repository:

1. On the **Dell Repository Manager** screen, click **Application** → **Settings** → **Default Proxy**.

   The **Proxy Server Settings** window is displayed.

2. Select **Use Proxy Server (These settings will override the settings from the current user's Internet Explorer (IE) proxy settings)**.

   **NOTE:** The proxy server settings you configure affect all outbound network traffic from the Dell Repository Manager.

3. Type the proxy server address and the server port in the **Proxy Server Address:** and **Proxy Server Port:** fields.
4. Click **Apply** to accept changes or click **Cancel** to exit without making changes.

## Configuring FileStore Settings

The **FileStore** option helps you to save disk space on system (C:) drive.

1. On the **Dell Repository Manager** window, click **Application** → **Settings** → **FileStore**.
   The **FileStore** window is displayed.
2. On the **FileStore** window, click **Browse** if you want to save the FileStore to another location on the same drive, another drive, or another computer on your network. By default, DRM creates the FileStore under **C:\Users\<User Name>\AppData\Local\RepositoryManager\FileStore**.
3. Once you **Select New FileStore Location** click **Open**.
   If you choose to save the file store to a new location, ensure that:

   - The destination folder is blank.
   - The destination folder is not the same as the source folder.
   - You have write permission on the destination folder.
   - One of the parent folders is not in use as a FileStore.

   **NOTE:** Ensure that there are no running or queued jobs in the **Jobs Queue**. While moving the FileStore, DRM will not be able to perform any other operations.

   **NOTE:** The **Used Size:** field provides the details of the FileStore size. The **Available:** field provides the details of the available blank space of the system (by default DRM creates the FileStore at C) drive. The **Use Default** button is enabled when another location is selected for the **FileStore**.
4. Click **Ok** to move the **FileStore**, or click **Cancel** to exit without making any changes.
   If you select **Ok**, a warning appears for further confirmation. `The action will permanently delete following folder and its contents. Dell Repository Manager cannot recover deleted files. Are you sure you want to continue?`
5. Click **Yes** to confirm, or **No** to exit making any changes.
   If you select **Yes**, the **Moving to new FileStore location...** window appears while moving the FileStore.`FileStore moved successfully.` message appears once the FileStore is moved to the new location. The operation cannot be canceled during this phase.
6. Click **OK** to exit the **Settings** window.

# Creating A Customized Repository

To create a New Repository:

1. In the Dell Repository Manager, click on the **My Repositories** tab, click **New** → **Customize Repository**.
   The **Name and Description** window is displayed.
2. Type the **Name:** and **Description:** and click **Next**.
   Or click **Cancel** to exit without making changes.
   The **Base Repository** window is displayed.
3. Select a source for the repository.
   The available options are:

   - **Source Repository** — Imports the default repository. This option is enabled only if you have access to the Internet. You can import the components from this repository into the repositories you create.
   - **Local Repositories** — Selects an existing repository as a base repository. You can save a local repository as a **catalog.cab** or **catalog.xml** file.

4. Click **Next**.
   The **Select Brand** window is displayed.
5. You can select one or more desired brands for the repository you are creating.
   The available options are: **Precision** , **Latitude** , and **Optiplex**.
6. Click **Next**.
   The **Select Models** window is displayed.
7. Select a system model(s) from the following options:
   - **Include All Model(s) supported by this repository** — includes all the available Systems.
   - **Select Model(s)** — provides the option to choose specific system(s) from the list of all.
8. Click **Next**.
   The **Additional Components** window is displayed.
9. Click **Select Components** to include additional files in the repository, if available.

   **NOTE:** If you click **Select Components**, then in the **Select Additional** window, choose the systems to include their components in the repository. After you select a system, you can view the related components lists under the **Current View** window. Select the components you want to include in the repository, and click **OK**. Click **Next** once you have selected all the additional components to add.
10. Click **Next** to continue.
    The **Summary** window displays the properties of the repository based on the selections.
    The **Summary** window displays the following details:
    - Name of the repository.
    - Path where the repository is saved.
    - Details of the additional component files.
    - In case Dell Repository Manager fails to download some files, the names of the files.

    The components are exported to the repository you created. The number of components added to the repository appear in the **Repository Created** window
    The **Create Repository** window displays the following message: `New repository was created successfully`.
    The created repository comprises catalogs and packages defined in it. It also includes the Dell Inventory Collector.

    **NOTE:** Ensure that the components you add to the repository belong to the specified criteria. Dell Repository Manager does not restrict you from adding components that do not belong to the specified criteria into the repository.
11. Click **Finish**.
    The **Repository Created** window appears.
12. Click **Close** to exit the **Repository Created** window.

## Creating An Empty Repository

To create an empty repository:

1. In the Dell Repository Manager, click on the **My Repositories** → **New** → **Empty (no inventory)**.
2. The new empty repository is created and added under the **My Repositories** tab.
   The name of the empty repository appears in the following format:
   `Repository <number of the repository>`
   You can add component(s) to the empty repository.

# Working With My Repositories

The My Repositories screen displays the list of available repositories. You can control and perform various tasks using the **New**, **Open**, **Delete**, and **Refresh** options available on the screen. You can also compare repositories using **Run a Comparison** once a repository is open. During the installation, Dell Repository Manager creates a database in the system.

## Functionalities Of My Repositories

Create **New** repositories using any of the following options:

- **Customize Repository** — Allows you to create a new repository by selecting a source for the repository.
- **Empty (no inventory)** — Allows you to create an empty repository.

**Related Topics**:

- Creating A Customized Repository
- Creating An Empty Repository

## Opening From My Repositories

Select the check box next to the Repository from the **My Repositories** list and click **Open**. To view information on **Components** of a particular repository, you can select the respective repository tab once it is opened.

**NOTE:** The **Open** option is disabled until you select a particular repository.

**NOTE:** You can also double-click a repository to open the repository.

## Deleting From My Repositories

1. Select the repository from the **My Repositories** list, and click **Delete**. Check for any open jobs in the **Jobs Queue** related to the repository that you want to delete. Wait until the job completes or **Stop** and **Remove** that job from the **Jobs Queue** before deleting.

   `Are you sure you want to permanently delete selected repository?` window appears.

   **NOTE:** You cannot stop this process once it is started.
2. Click **Yes** to confirm or click **No** to exit the window.

   The repository is deleted from the Repository Manager.

   **NOTE:** Deleting a repository deletes the repository data and the associated files from the database, once you confirm the operation.

   **NOTE:** The **Delete** option is disabled until you select any particular repository.

## Refreshing From My Repositories

You can use the **Refresh** option to refresh the list of repositories that appear in the **My Repositories** tab, observe the changes to the components. **Refresh** is also used to refresh the table to find the repositories that are added by the **Automatic Search Update** option.

# Importing A Legacy Repository

1. In the Dell Repository Manager, click **Repository** —> **Import Legacy Repository...**.
   The **Import Repository** window is displayed.
2. Click **Browse** to navigate to the location of the file.
3. Once you select the file, click **Open**.
   The **File Path Location:** shows the details of the file.
4. Under **Select the repository content to import:**, select one of the following.
   - **Import only the catalog reference file (e.g. catalog.xml)**
   - **Import the catalog reference file and download the actual update files contained within it**
5. Click **Import** or click **Cancel** to exit the **Import Repository** window.
   **Import Repository Queued** window appears indicating that the job has been added to the **Jobs Queue**.

   **NOTE:** The job is submitted to the **Jobs Queue**. You can expand and check the **Jobs Queue** to follow the progress.
6. Click **OK** to close it.
   To view the component(s) in this repository, click **My Repositories**, select the imported repository, and click **Open**. The component(s) are displayed in the **Components** tab.

# Saving The Repository To A Local Disk

You can save the **catalog.xml** ,**catalog.cab** or the full repositories (with the DUPs) file to the local system. The catalog file contains details of the repository you created or customized. To save the catalog file:

1. On the **My Repositories** tab, select the repository and click **Open.**
2. Click **Save** to save the catalog file.
   The **Save Repository** window is displayed.
3. Under **Save repository to:** click **Browse** to navigate to the location where you want to save the catalog file.
   The **Save As** window is displayed.
4. Click **Save** to save the file to the new location or click **Cancel** to exit without making any changes.
5. Under **What to Save:** select one of the following:
   - **Full repository (Catalog file and all the update packages)** — Saves the entire repository including the catalog file and the packages defined in it.
   - **Catalog file only** — Allows you to save only the catalog file and also provides an option to change the base location of the catalog file.
6. If you select **Full repository (Catalog file and all the update packaged)**, then proceed to step 7.
7. If you select **Catalog file only**, then the **Advanced...** section is enabled.
   a. Under, **Advanced...** select **Change the base location in catalog XML** to change the base location of the catalog file.
      The two options listed under the **Change the base location in catalog XML** become active.
   b. Select one of the following:
      - **ftp.dell.com** — Allows you to save the catalog file to the default FTP location.
      - Empty field — Allows you to type the new location where you want to save the catalog file.
8. Click **Generate report**, if you want to view the report of the saved catalog file.

NOTE: The report is generated and saved in the same location that is specified in step 4.

9. Click **Save** or click **Cancel** to exit without making any changes.
   The **Please wait...** dialog box appears while processing the job before submission.
10. Monitor the progress from **Jobs Queue**, after the **Export Queued** window is displayed.
11. Click **OK** to return to the **Dell Repository Manager** screen.

# Comparing And Updating Repositories

You can compare the repositories you created or imported with the **Source Repository**, as well as with other available repositories to view the differences and update the destination repository.

To compare and update repositories:

1. From the **My Repositories** tab, select the repository which you want to update, and click **Open**.
2. Click **Run a comparison**.
   The **Update Repository** window is displayed. The instructions on updating the repository appear on the **Summary** tab.
3. From the **Source Repository** drop-down list, select a repository with which you want to compare the repository you selected in step 1.
4. Click **Compare**.
   The comparison details appear in the categorized tabs in the **Update Repository** window.

   **Table 1. Update Repository Window - Tabs**

| Tab | Description |
|---|---|
| **Summary** | View the comparison summary of the selected repositories. The summary displays the total number of files in each category and the number of new version files, changed files, obsolete files, and other files in source.<br>The **Summary** tab is displayed by default. |
| **Newer Versions** | Click to view the latest versions of the updates available in the source repository. Select the check box corresponding to the system from which you want to add files to the destination repository. The source and destination files appear on the right-hand side. Select the check box corresponding to the files you want to add and click **Update**. |
| **Changed Files** | Click to view any component files whose hash values are different in the destination and source repositories. Select the check box corresponding to the files you want to update in the destination repository and click **Update**. |
| **Obsolete Files** | Click to view the files that exist in the destination repository but, not in the source repository. Select the check box corresponding to the system from which you want to remove the files. The file names appear on the right-hand side. Select the check box corresponding to the files you want to remove and click **Update**. |
| **Other Files in Source** | Click to view new files in the source repository. Select the check box corresponding to the system from which you want to add files to the destination repository. The source files appear on the right-hand side. Select the check box corresponding to the files you want to add to the destination repository and click **Update**.<br>You can filter the files using the **System** or **Device** filters. |

5. Select the updates for the destination repository.

The **Show report after update** check box is enabled.

6. Select the **Show report after update** check box if you want to view the update report.
   The destination repository is updated with the latest versions of the updates available in the source repository.
   The update report for the selected repositories appears in the **Repository Update Report** window.

   **NOTE:** If you do not want to view the report, clear the **Show report after update** check box.
7. If you click **Save As...** select the location to save the report in the **Where would you like to save the report?** option.
8. Click **Close** to return to the **Update Repository** window.
9. Click **Close** to return to the Dell Repository Manager screen.

# Editing A Repository

You can only edit the name and description of a selected repository, if the repository is editable.
To edit a repository:

1. On the **My Repositories** tab select the repository you want to edit, and click **Open** to view the repository.
2. Click **Repository** —>**Properties**.
3. In the **Repository Properties** window, edit the **Name:** or **Description:** information.
4. Click **OK** to apply the changes or click **Cancel** to exit without making any changes.

# Opening The Dell Online Repository

To open the Dell online catalog directly:

1. On the **My Repositories** tab, click **View Source**.

   **NOTE:** By default, the source is set to **Dell online repository (ftp.dell.com)**. You can change the source to a different repository by clicking **Application** → **Settings** → **Source Repository** on the Dell Repository Manager window.

   **NOTE:** You may have to provide your user credentials, if prompted.
2. If you are using the **View Source** option for the first time, the **Source Repository** window is displayed with the following message: `To view the source catalog and files, the application database must first be populated with data from the source. Would you like to update the database now?`
3. Click **Yes** to continue or click **No** to exit the window.
   The **Please wait...** window is displayed while the catalog is being downloaded.

   **NOTE:** When a new catalog file is available from Dell, **New Catalog Available** notification appears on the menu bar. Click the notification to import the latest catalog file. Once the online repository is loaded, the components in the repository appear under the respective tabs.

   **NOTE:** Once the **Source Catalog** is installed on the Dell Repository Manager, it enables the **Sync Database with Source** option.

# Viewing The Properties Of A Repository

To view the properties of a repository:

1. On the **My Repositories** tab, select the desired repository, and click **Open**.
2. Click **Properties**.

The **Repository Properties** window is displayed.

The following details are displayed:

- **Name:** and **Description:** of the repository
- **Date Created:**
- **Date Imported:**
- **Number of Components:**
- **Line of Business:**
- **System Models:**
- **Dell Update Package Format:**

3. Click **Cancel** to exit the **Repository Properties** window.

# Working With Components

Dell Update Packages (DUPs) are also known as components. Also, we consider all the non-DUPs (such as .exe, .msi, .bin or any other file formats) files as components. They are used for updating the Basic Input Output System (BIOS), firmware, drivers on specific platforms and any other application.

The list of components you add appear in the **Components** tab. You can sort the list of components based on **Keyword Search**, **Update Type**, **Criticality**, **Brand**, **Supported Platforms**, **Component Version**, **Operating System**, **Supported Devices**, **Release Date**, and **PCI Device Info**.

You can view the number of components in the list and the number of components you select, at the top of the list. The numbers are displayed in the **Selected/Total:** format:

## Adding Components

You can add components from repositories to the repository you select. Before you can add components, you must download them and save them to a specific location.

To add components:

- Importing Dell Update Packages (DUPs)
- Importing Non- Dell Update Package (Non DUPs)

### Importing Dell Update Packages (DUPs)

1. Select the **Components** that you want to add, click **Download File**.

   The **Browse For Folder** window displayed.
2. In the **Browse For Folder** window navigate to the location where you want to save these components before adding them to another repository.

   A **Component download Queued** window is displayed.

   **NOTE:** The job is submitted to the **Jobs Queue**. You can check the **Jobs Queue** to follow the progress.
3. Click **OK** to close the **Component download Queued** window.
4. Select the repository to which you want to add the component and click **Open**.
5. On the **Components** tab, click **Import**.

   The **Select Files to Add** window is displayed.

   **NOTE:** You can browse and search for the component from all the repositories available on the system.
6. In the **Select Files to Add** window, navigate to the file location where you want to import the DUP from and click **Open**. You can select more than one component at a time if they are in the same location. There may be a **Security**

**Warning** appears **do you want to accept this file?** if the certificate has issued. You have the option to **Accept**, **Reject**, or **View Certificate**.

Once you **Accept** the certificate, **Please Wait ...** window appears. Dell Repository Manager adds the component to the repository and the following message is displayed:

`DUP File(s) Imported successfully` as well as the name of the DUP that was imported.

**NOTE:** For Windows DUP, the signature is embedded into the same file. If it is a Linux DUP, ensure that the relevant DUP signature file **<DUP file name>.sign** is located in the same folder as the DUP file. Else, the import function fails.

7. Click **Close** to return to the repository.

### Importing Non- Dell Update Package (Non DUPs)

DRM 1.7 onwards, you can import non-DUP files (such as .exe, .msi, .bin or any other file formats) to a repository or in selective bundles.

To import non- DUP components:

1. On the **My Repositories** tab, select the repository to which you want to add the component and click **Open**.

   The Non- DUPs files must first be downloaded and saved to a local or network drive location.
2. Click **Import**.

   The **Select Files to Add** window is displayed.
3. In the **Select DUP File to Add** window, select the component(s) that you want to add, and click **Open**.

   You can browse and search for any non-DUP file available on the system.
4. Click **OK** or click **Cancel** to exit without making any changes. There may be a **Security Warning** appears **do you want to accept this file?** if the certificate has issued. You have the option to **Accept**, **Reject**, or **View Certificate**.

   Once you **Accept** the certificate, **Please wait...** dialog box appears while adding the non-DUP files.
5. The **Import non-DUP files** window displays the details of the non-DUP files.

   The **File Name** and **Add Description** provides further details of the non-DUP file.
6. Click **OK**.

   The **Adding Components to Repository** window displays a summary of the non-DUP files imported and the non-DUP files have been added to.
7. Click **Close**.

## Viewing The Size Of Components

In the Components tab, you can view the size of all the components you select in the repository, at the top of the components list. The size is displayed in MB or GB.

You can also view the size of individual components in the Size column, in the components list.

## Downloading Components

You can download one or multiple components to the local drives on the system.

To download components:

1. On the **My Repositories** tab, select the desired repository, click **Open**.
2. In the **Components** tab, select the component you want to download, and click **Download File**.

   The **Browse For Folder** window displayed.
3. In the **Browse For Folder** window navigate to where you want to save these components before adding them to another bundle or repository, and Click **OK**.

   A **Component download Queued** window is displayed.

NOTE: The job has been submitted to the **Jobs Queue**. You can check the **Jobs Queue** to follow the progress.

## Copying Components

To copy components:

1. On the **My Repositories** tab, select the desired repository, and click **Open**.
2. On the **Components** tab, select the component(s) to copy.
3. Click **Copy To**.
   The **Copy Component(s)** window is displayed.
4. Click **Next**.
   The **Select Destination** window is displayed.
5. Select one of the following, and click **Next**.
   The options available are:
   - **Copy component(s) into an Existing Repository**
   - **Create a NEW Repository and copy component(s) into it**
6. If you select **Copy component(s) into an Existing Repository**, in the **Select Repository** window, select a repository from the list of repositories displayed.
   a. Click **Next**.
      The **Summary and Finish** window is displayed. This window displays information about the component(s) under **Selected Components:** and **Destination Components**.
   b. Click **Finish**.
      The **Copy Components** window is displayed.
   c. Click **Close**.
7. If you select **Create a NEW Repository and copy component(s) into it** , in the **Name and Description** window, type a **Name:** and **Description:** for the new repository.
   a. Click **Next**.
      The **Summary and Finish** window is displayed. This window displays information about the component(s) under **Selected Components:** and **Destination Components**.
   b. Click **Finish**.
      The **Copy Components** window is displayed.
   c. Click **Close**.

## Viewing Component Properties

You can view properties of components on the Components tab.

To view component properties:

1. On the **My Repositories** tab, select the desired repository, and click **Open**.
2. On the **Components** tab, select the component to view its properties.
3. Click **Properties** on the **Components** tab.
   The **Components Properties** window is displayed listing the information about the component selected.

   NOTE: You can use the hyperlink at the bottom of the **Components Properties** window to download the component.
4. Click **Close** to return to the repository.

## Deleting Components

You can delete components from a repository. To delete components:

1. On the **My Repositories** tab, select the desired repository, and click **Open**.
2. On the **Components** screen, select the component(s) you want to delete, and click **Delete**.
   The **Delete Component(s)** window is displayed.
3. In the **Delete Component(s)** window, click:
   - **Delete from Repository** — Deletes the component from the corresponding Repository.
   - **Cancel** — Exits the **Delete Component(s)** window.
4. If you selected **Delete from Repository**, the **Delete** task removes the component(s) from the repository and the database.
   The **Please Wait...** window is displayed while the component(s) is being deleted.

# Working With Filters

The Dell Repository Manager has an extensive search mechanism that allows you to query repositories, create filters, and save and load filters. Using the filtering capabilities of the Dell Repository Manager, you can view specific Dell Update Packages (DUPs) from any selected repository.

You can create filters based on the following criteria:

- **Keyword Search**
- **Update Type**
- **Criticality**
- **Brand**
- **Supported Platforms**
- **Component Version**
- **Operating System**
- **Supported Devices**
- **Release Date**
- **PCI Device Info** — Peripheral Components Interconnect (PCI)

## Filter Properties

The **Filter Properties** table shows the property details of the filters that the user can create their search:

| Property | Description |
|---|---|
| **Keyword Search** | Filters components based on the text you enter. For example, if you enter **Latitude**, Dell Repository Manager displays all the latest repositories and components applicable to the Latitude systems.<br>**NOTE:** You can enter only regular search syntax in this field. |
| **Update Type** | Filters components based on the type of components. The available options are:<br>• **Drivers**<br>• **Firmwares** |

- **BIOS**
- **Applications**
- **Utilities**

For example, if you select **BIOS**, Dell Repository Manager displays all the components comprising only BIOS updates.

**Criticality**

Filters components based on the criticality of the update. The available options are:

- **Optional**
- **Recommended**
- **Urgent**

For example, if you select **Urgent**, Dell Repository Manager displays all the components that you need to immediately update your system with.

**Brand**

The available options are:

- **Precision**
- **OptiPlex**
- **Latitude**

**Supported Platforms**

Filters components based on the selected platform. The available options are:

- **All**
- **Selected**

For example, if you select **Latitude E4200**, Dell Repository Manager displays the components applicable to the Dell Latitude E4200 system.

**NOTE:** When you select a platform, Repository Manager displays all the applicable updates relevant to that platform. However, not all these updates may be available at **www.dell.com/support**.

**Component Version**

Filters components based on the version of the component. The available options are:

- **All**: Displays all the components in the selected repository irrespective of the component version.
- **Most Recent**: Displays the most recent version of the component in the selected repository.
- **Contains**: Displays all the components whose version contain the text you entered. For example, if you entered **A01. Dell Repository Manager** displays all the components whose version is **A01**.

**Operating System**

Filters components based on the file format. The options available options are:

- **Windows-DUP (32–bit)**
- **Windows-DUP (64–bit)**
- **Non-DUP**

For example, if you select any **Windows-DUP**, Dell Repository Manager displays the components applicable to the Windows operating system. If you select **Non-DUP**, Dell Repository Manager displays components that are operating system-independent.

**Supported Devices**

Filters components based on supported hardware devices. The available options are:

- **All**

| | |
|---|---|
| | • **NIC**<br>• **Video**<br>• **Audio**<br>• **Chipset**<br><br>For example, if you select **NIC**, Dell Repository Manager displays all the components that contain updated Network Interface Cards (NICs). |
| **Release Date** | Filters components based on the release date of the components. The available options are:<br><br>• **Any Date**<br>• **Exact Date**<br>• **Prior To**<br>• **Most Recent**<br><br>For example, if you enter 12/12/2012 and select **Prior to**, Dell Repository Manager displays all the components released earlier than December 12, 2010. |
| **PCI Device Info** | Filters components based on the PCI devices. The available options are:<br><br>• **All**<br>• **Contains** |

## Saving Filters

To create or save a filter:

1. On the **My Repositories** tab, select a repository for which you want to search the components.
2. Click **Open**.

   The components for that repository are displayed on the right.
3. Select and expand the filter option(s) listed under **Filter Components by:** . Refer Filter Properties to analyze the details of each filter before you use them for your customized filter.
4. Once you have finalized the filter properties for your customized filter, click **Save...** to save your search and use it in the future.

   The **Save Filter** window is displayed.
5. Type a **Name:** and **Description:** for your filter.
6. Click **Save** or **Cancel** to exit without making changes.

   The following message is displayed: `Search Filter Saved....`

   **NOTE:** You can access the saved search or filter from the drop-down box located above the **Keyword Search** field.
7. Click **OK**.

## Managing Filters

The drop-down box on the left side of the Dell Repository Manager displays the filters that you created and saved.

To view a summary of the all existing filters, click **Manage**. The **Manage Filters** window displays the following options on the selected filter:

- **Properties** — Allows you to edit the name and description of a selected filter. In the **Properties** tab, you need to click **Save** to keep changes or **Cancel** to return to the **Manage Filters** window.

- **Delete** — Select the filter, and click **Delete** → **Yes**, to delete the filter, or click **No** to return to the **Manage Filters** window.
- **Close** — Closes the **Manage Filters** window.

# Working With Jobs Queue

The **Jobs Queue** option is available once you launch the Dell Repository Manager. Jobs Queue is a feature which is added to the Dell Repository Manager to enhance usability. You can control and perform different tasks for various repositories under the same console using this feature. With the previous versions of the DRM (until DRM 1.4) users needed to wait for one job to complete before performing another job. Using this feature the user can perform, monitor, and prioritize different jobs at the same time. The tasks can be performed using the Stop, Start, Remove, and Details tabs.

**NOTE:** Some of the jobs in the Jobs Queue require the end user to confirm them before it is completed. You can Accept or Reject the job before it goes to the Jobs Queue.

## Starting Jobs In The Jobs Queue

Select the job from the **Jobs Queue**, and click **Start** to initiate any particular job. Refer to the **Status** and **Progress** tab next to the **Job Name** tab to check the completion. You need to stop the job that is running first if you want to change the order for any job. Also, as soon as you stop the currently running job, the next one in the queue will start to run. Make sure that there is no job in the queue while you are trying to start a previously stopped job.

**NOTE:** You can only start jobs that have been stopped previously.

## Stopping Jobs In The Jobs Queue

Select the check box next to the job from the **Jobs Queue** and click **Stop** to halt that particular job. You can stop a job at any time while it is running. Once you **Start** a job that has been stopped, the job restarts from the beginning.

## Removing Jobs In The Jobs Queue

Select the job from the **Jobs Queue**, and click **Remove** to delete that particular job.

**NOTE:** You must first **Stop** a job and then it can be **Removed** from the queue. This only applies if that particular job is running at the time. If the job is in the queue, it can be removed without stopping it first. You can select multiple jobs together and remove them from the **Jobs Queue**.

If you close the Dell Repository Manager while a job is still being processed in the **Jobs Queue**, the **Processing Jobs** window displays the following message:

```
You have one job being processed.
Would you like to Stop processing and Exit now?
```

Job names of the jobs which are in processing state is displayed under the **Jobs Queue**.

- Click **Cancel** to close the window and allow the job to finish processing.
- Click **Stop and Exit** to exit the application without completing the jobs in the **Jobs Queue**.

**NOTE:** You can select multiple jobs together and remove them from the Jobs Queue. The **Remove** option prompts you to reconfirm the removal of the job. `Are you sure you want to permanently remove the selected Job(s)?` window appears for confirmation. If, the job is already completed, removing the job will not remove the work that is completed, it will only remove the job listed in the jobs queue.

### Jobs Queue Details

1. Select the job from the **Jobs Queue**, and click **Details** to view the **Job Execution Details**.
2. Click **Report** tab to view the Job Details.

   The **Job Details** window displays the information on the **Job Name**, **Repository**, **Job Status**, **Job Result**, **Download Path**, and the information on the **Files failed** to download.
3. Click **Log** to view the timing details.
4. Click **Close**.

# Updating A Local Repository

1. On the **My Repositories** tab, select a local repository, which is located on the system, and click **Open**.
2. Click **Run a comparison** on the top of the **Dell Repository Manager** screen.

   The **Update Repository** window is displayed.
3. On the **Update Repository** screen, the **Destination Repository** box displays the name of the repository open at the time **Run a comparison** was selected. The **Source Repository** box defaults to **Source**. However, any existing repository can be selected from the drop down menu in this box. Click **Compare**.

   The **Comparing Repositories** window is displayed with the progress bar while **Setting up comparison result...**. The **Comparison Summary:** window is displayed.

   **NOTE: Newer Versions**, **Changed Files**, **Obsolete Files** and **Other Files in Source** screens provide further details on DUPs that can be installed to update the repository. You can see a list of the DUPs once you select any system from the **System Filter** or **Device Filter**.
4. You can select **All** or any specific DUP to update that local repository from the **Newer Versions**, **Changed Files**, **Obsolete Files** and **Other Files in Source** screens.

   **NOTE:** By default, the **Show report after update.** check box is marked at the bottom of the **Update Repository** window. You can uncheck this box if you donot want to see the report after every update.
5. Click **Update**.

   The **Comparing Repositories** window appears with the progress bar while **Updating Base repository components...**. The **Update Report** window is displayed.

   **NOTE:** A check box appears next to **Name** of the particular DUPs once you add them to the repository.
6. Click **Close** to exit from the **Repository Update Report**. Click **Save As...** to store the **Repository Update Report** in the system.
7. Click **Close** to close the **Update Repository** window.

# Scheduling Automatic Search

The following are the benefits of using the **Automatic Search** feature to schedule an automatic download and/or build an update repository from the support site:

- Downloading updates from Dell Support site for one or more Dell products based on the brands and/or service tags can be scheduled. This schedule can be used to check and download updates periodically, during the off pick hours.
- Updates can be packaged in a Light Weight Deployment Pack (LWDP) available to be used directly to update the systems. The update process can be automated with the help of the batch (.bat for Windows) or shell (.sh for Linux) files created as part of the LWDP.

**NOTE:** The Windows Task Scheduler must be started to enable the **Automatic Search** feature. You can enable The Windows Task Scheduler service in the Windows Services console. To use the **Automatic Search** feature you require an internet connection.

**NOTE:** Updates for Dell legacy systems are available with this search feature.

You can automate and schedule the search option for updating files from **www.dell.com/support**.

1. On the **Dell Repository Manager** screen, click **Source** → **Schedule Automatic Search.**
   The **Automatic Search** window is displayed.
2. Under **Search Method** , select the **Brand** option and select the type of device.
3. Under **Models:** select the desired model and click **Add >**.
   Repeat step 3 to add more models to the selected items list. The model(s) selected are displayed on the right.

   **NOTE:** The **Service Tag** option allows you to search a device based on the Service Tag provided.

   **NOTE:** To remove a model from the selected items, select the model from the **Selected:** box and click **Remove**. Repeat the step, if you want to remove more models from the selected items.
4. Under **Include the following types of update files in the search results**, select the type(s) of update files from the following list:
   - **Update Type**
   - **Criticality**
   - **Operating System**
   - **Availability**
5. Click the **Actions** tab, and select one of the following options:
   - **Import updates to an existing repository** — This option allows you to import update files to repositories that exist in the Dell Repository Manager.
   - **Import updates to a new repository** — This option is selected by default. You can type a prefix for the new repository. By default the prefix is **Repo**.
   - **Save updates to a local repository** — This option is also selected by default. If you want to save the update file locally, then click **Browse** to navigate to that location where you want to save the update file.
   - **Export updates as a Lightweight Deployment Package (LWDP)** — Select this option and click **Browse** to navigate to the location where you want to save the update file as an LWDP. You can save all the updates to a folder or do a force update.
6. Click the **Schedule** tab.
7. Select **Enable automatic searching for update files from Dell Support Site (www.dell.com/support)**.
8. Select the **Start** date, **Settings**, and **Security Options**.
   - **Start:** — You can set the date and time for the automatic search.
   - **Settings** — You can set the frequency of the schedule.
   - **Security Options** — You can set the type of security.

   **NOTE:** The **Save** button becomes active after all of the options have been selected.
9. Click **Save** to complete the process.
   A **Task Creation** window is displayed. Click **Yes**.
   An **Automatic Search** widow is displayed confirming the task has been created successfully. Click **OK**.

# Searching Dell Support Site

This feature allows the users to search for the latest updates from the Dell Support site for more than one platform. The updates can be downloaded using DRM, which save time as compared to searching the support site for individual updates related to different platforms.

1. On the **Dell Repository Manager** screen, click **Source → Search the Dell Support Site.**

   The **Search Dell Support Site** screen is displayed.
2. On the **Search** tab (open by default), under **Search Method**, select the **Brand** option and select the type of device.
3. Under **Models:** select the desired model and click **Add >**.

   Repeat step 3 to add more models to the selected items list. The model(s) selected are displayed on the right.

   **NOTE:** The **Service Tag** option allows you to search a device based on the Service Tag provided.

   **NOTE:** To remove a model from the selected items, select the model from the **Selected:** box and click **Remove**. Repeat the step, if you want to remove more models from the selected items.
4. Under **Search Options (File Format)**, select one of the following options:

   - **Dell Update Packages** — This is the default option. You can import all the DUPs to the local repository when you use the default option.
   - **All file formats** — You can download all the non DUP files to the system by choosing this option, but you cannot import other non DUP files to the local repository.
5. Click **Search**.

   The **Searching for Latest updates** window is displayed. This may take several minutes to generate the list of all the updates, depending on the number of updates.

   Or click **Clear** to reset the search options and start from the beginning.

   In the **Search Results** window you can view the details for individual updates. The **Dell Update Package** column displays whether the update is a DUP or non-DUP file. You can download a file or export a DUP file to the local system as well as a component for an existing or new repository. You can also download the non-DUP files to the system, however, you cannot export the non-DUP files.

   **NOTE:** If there are no updates found, a window is displayed with the message `There are currently no updates available for the selected platform(s)`. Click **OK** to exit.

## Exporting Updates From Support Site

1. On the Dell Repository Manager screen, click **Source → Search the Dell Support Site**.
2. On the **Search** tab, select the **Brand** option and select the type of device.
3. Under **Models**: select the desired model and click **Add >**.
4. Under **Search Options (File Format)**, select one of the following options:

   - **Dell Update Packages**
   - **All file formats**
5. Click **Search**.

   The **Searching for Latest updates** window is displayed.
6. Once the results are displayed, select one or more updates (these updates can be filtered).
7. Click **Export**.

   The **Export to repository** window is displayed.
8. You can choose the following options from the **Repository Export options**:

- **Select one or more repositories to Export to:** — You can select the desired repositories from this list.
- **Exports update to a new repository** — You can exports update to a new repository. The **Export to New repository** window is displayed. You need to provide details for the **Name:** and **Description:** fields.

9. The **Support Files download Queued** window is displayed.

   A **Support file export** job has been submitted to the Jobs Queue.

10. Click **OK** to close the window.

## Filter Options For Search Results

You can use the following filters in the Dell Repository Manager:

### OS Type (DUP Only)

- Allows you to filter the search based on the operating system selected. The options available are:
- Windows 32–bit
- Windows 64–bit
- Linux (32–bit & 64–bit)

### Criticality

- Filters the component(s) based on the criticality of the update. The available options are **Recommended**, **Urgent**, and **Optional**.

For example, if you select **Urgent**, the Dell Repository Manager displays all the components that require an immediate update.

### Update Type

- Filters the component(s) based on the type of update required for the component. The available options are **BIOS, Firmware, Driver, Application,** and **Utilities.**

For example, if you select **BIOS**, the Dell Repository Manager displays all the components that require a BIOS update.

**NOTE:** This filter displays the components only if they match the search criteria.

### Availability

- Filters based on the availability of the update file. You can select from the following options:
  - **All available files** — Lists all the possible files from the catalog file.
  - **New files not in Dell FTP Catalog** — Lists the files that are posted later than the FTP catalog date.
  - **All files not in Dell FTP catalog** — Lists the files that are already part of the Dell FTP catalog.

### File Format

- Filters based on the required file format for the update. You can select from the following options:
  - **Dell Update Packages (DUP)** — This is the default option. You can import all the DUPs to the local repository when you use the default option and chose download.
  - **Non-DUPS** — You can download all the non DUP files to the system by choosing this option, but you cannot import non DUP files to the local repository.

### Dates

- Filters updates based on the selected time period. You can select from the following options:

- **Any Date** — Display updates for any dates.
- **Date Range** — You can assign a **Start:** and **End:** date to filter the updates periodically using this filter.

6

# Frequently Asked Questions

This section lists some frequently asked questions about the Dell Repository Manager.

## Where is the Dell Repository Manager runtime log located?

Dell Repository Manager creates two log files at runtime:

- **DellRepositoryManager_Server.svclog** — Data Center Version
- **DellRepositoryManager_Client.svclog** — Business Client Version

The log file is located in **C:\Users\<user name>\AppData\ Local\RepositoryManager\Log.**

## I see an update present in dell.com/support but when I install the repository from ftp.dell.com using the Dell Repository Manager, I do not see that update.

The Dell online repository, which is supported by Dell OpenManage, is released monthly and is qualified by the Dell testing process. Occasionally, updates may be available on **dell.com/support** before the contents of the repository on **ftp.dell.com** are updated. The new **dell.com/support** feature of Dell Repository Manager can search the latest update(s) from the Dell support site. You can use Dell Repository Manager to add the new updates into your repository.

## How do I edit the search criteria of the filter that I created?

In the left pane of Dell Repository Manager, select the filter criteria from **Filter <Bundles/Components> by:** list: You can edit the filter criteria for these features or specify new criteria.

## Can the Dell Repository Manager be run through a Proxy Server?

Yes, install Dell Repository Manager inside the firewall and connect to a catalog located outside the firewall (ftp.dell.com or a local repository) through a proxy server. You can use the proxy server settings of Internet Explorer. If the proxy settings for Internet Explorer are not working, the proxy can be set in DRM. You can then use Dell Repository Manager to customize the catalog as per the requirement and store the customized catalog inside the firewall.

## When I select Schedule Automatic Search, there is a pop-window that appears with the following message: `Dell Repository Manager Fatal UI, Error: Dell Repository Manager has encountered an error.`

DRM creates a Windows Scheduler task behind the scenes to perform automatic search of the Dell update files. The error can occur when you open the **Schedule Automatic Search** screen and set a **Start Date** that is set in the past. You can change the **Start Date** on the **Windows Task** to a future date.

1. Launch **Windows Task Scheduler** from **Programs Menu**.
2. Navigate and click on the **Task Scheduler library** node on the left pane.
3. Search for **DellRepositoryManagerDataCenterVersion-FindNewUpdates-...** task. This is a Windows tasks that is created by DRM.
4. Click **Properties**.
5. Select the **Triggers** tab.
6. Search for the trigger that you specified using DRM. Edit this trigger and change the **Start** date to a future time.
7. Once the **Start** date has changed, re-launch DRM to make any changes to **Automatic Search**.