Dell Repository Manager Business Client Version 1.6 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.

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Contents

Notes, Cautions, and Warnings....2

1 Overview....7
- What Is New In This Release....7
- Accessing Documents From Dell Support Site....7
- Other Documents You May Need....8

2 Updating Dell Repository Manager....9
- Updating Dell Repository Manager At Launch....9
- Updating Dell Repository Manager Using The Application Settings....9
- Updating The Dell Repository Manager Using The Updater....10

3 System Requirements And Uninstalling The Dell Repository Manager 11
- Prerequisites For Installing The Dell Repository Manager....11
  - Hardware Requirements....11
  - Software Requirements....11
- Supported Dell Systems For Exported Repositories And Bundles....12
- Uninstalling Dell Repository Manager....12
- Repairing Dell Repository Manager....12

4 User Scenarios....13
- Using FileStore Save Disk Space In System Drive (C: Drive)....13
- Search Dell Support Site And Schedule Automatic Search....15
- Launching DRM Using Command Line Options....17
- Using Dell Repository Manager To Create And Manage A Repository....17
- Using Dell Repository Manager To Create And Manage Components....17
- Updating A Local Repository....17

5 Using Dell Repository Manager....19
- Configuring Settings For Dell Repository Manager....19
  - Configuring Source Repository....20
  - Configuring Default Proxy Settings....20
  - Configuring FileStore Settings....20
- Check For Dell Repository Manager Update....21
- Creating A Customized Repository....21
  - Creating An Empty Repository....22
- Working With My Repositories....23
  - Functionalities Of My Repositories....23

Opening From My Repositories....23
Deleting From My Repositories....23
Refreshing From My Repositories....24
Deleting A Repository....24
Importing A Legacy Repository....24
Saving The Repository To A Local Disk....24
Comparing And Updating Repositories....25
Editing A Repository....26
Creating Bootable CD or USB Keys For Updates....26
Opening The Dell Online Repository....27
Viewing The Properties Of A Repository....27
Working With Components....28
Adding Components....28
Viewing The Size Of Components....28
Downloading Components....29
Copying Components....29
Viewing Component Properties....30
Deleting Components....30
Working With Filters....30
Filter Properties....31
Saving Filters....32
Managing Filters....33
Working With Jobs Queue....33
Stopping Jobs In The Jobs Queue....33
Starting Jobs In The Jobs Queue....33
Removing Jobs In The Jobs Queue....34
Jobs Queue Details....34
Scheduling Automatic Search....34
Searching Dell Support Site....35
Exporting Updates From Support Site....36
Filter Updates....37

6 Frequently Asked Questions....39
Where is the Dell Repository Manager runtime log located?....39
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....39
How do I view the unassigned components in a repository?....39
How do I edit the search criteria of the filter that I created?....39
Can the Dell Repository Manager be run through a Proxy Server?....39
Why would I use the Dell Repository Manager to create the catalog that LifeCycle Controller uses, instead of just using the catalog on the Server Update Utility (SUU)?....40

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.....40
If I export a bundle using Export to light weight deployment scripts, am I going to re-download the DUPs which are already in my system? 40

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
- Generate comparison reports and update baselines of custom repositories

The customized repositories are made up of Dell Update Packages (DUPs). 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.

The Business Client Version manages repositories on Dell Precision Workstations, Dell Latitude, or Dell Optiplex systems.

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

What Is New In This Release

- Newer updates compare to the FTP catalog date.
- Filters the updates obtained from the **dell.com/support/**.
- Create Repositories based on Dell specific bands.

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, Monitors, Electronics & Peripherals**.
4. In the **Choose your Dell Software, Monitors, Electronics & Peripherals** section, click **Software**.
5. 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**
6. 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** screen 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 **Dell Repository Manager Update** window is displayed.

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 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: 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>* folder.
   Where *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, you can start the update by running the **RMUpdater.exe** file at: **c:\Program Files (x86)\Dell\Dell Repository Manager v.(x)\RMUpdater.exe**.

3

System Requirements And Uninstalling The Dell Repository Manager

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

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) • Microsoft Windows Server 2008 R2 • Microsoft Windows Server 2012 • Microsoft Windows 7 (32-bit and 64-bit) • Microsoft Windows 8 (32-bit and 64-bit)
Supported Internationalized Operating Systems	• English • French • German • Spanish • Japanese • Simplified Chinese • Russian • Portuguese

Requirement	Details
	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.

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

Dell Repository Manager facilitates repair of errors such as missing or corrupt files and shortcuts, and registry entries that occur while installing the application.

To repair the installation errors:

1. Double-click **Repository Manager.msi** located on the system.
   The **Dell - Repository Manager - InstallShield Wizard** is displayed.
2. In the **Dell - Repository Manager - InstallShield Wizard**, click **Next**.
   The **Program Maintenance** window is displayed.
3. On the **Program Maintenance** window, select **Repair** and click **Next >**.
   The **Ready to Repair the Program** window is displayed.
4. On the **Ready to Repair the Program** window, click **Install**.
   The **InstallShield Wizard Completed** window is displayed.
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.

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

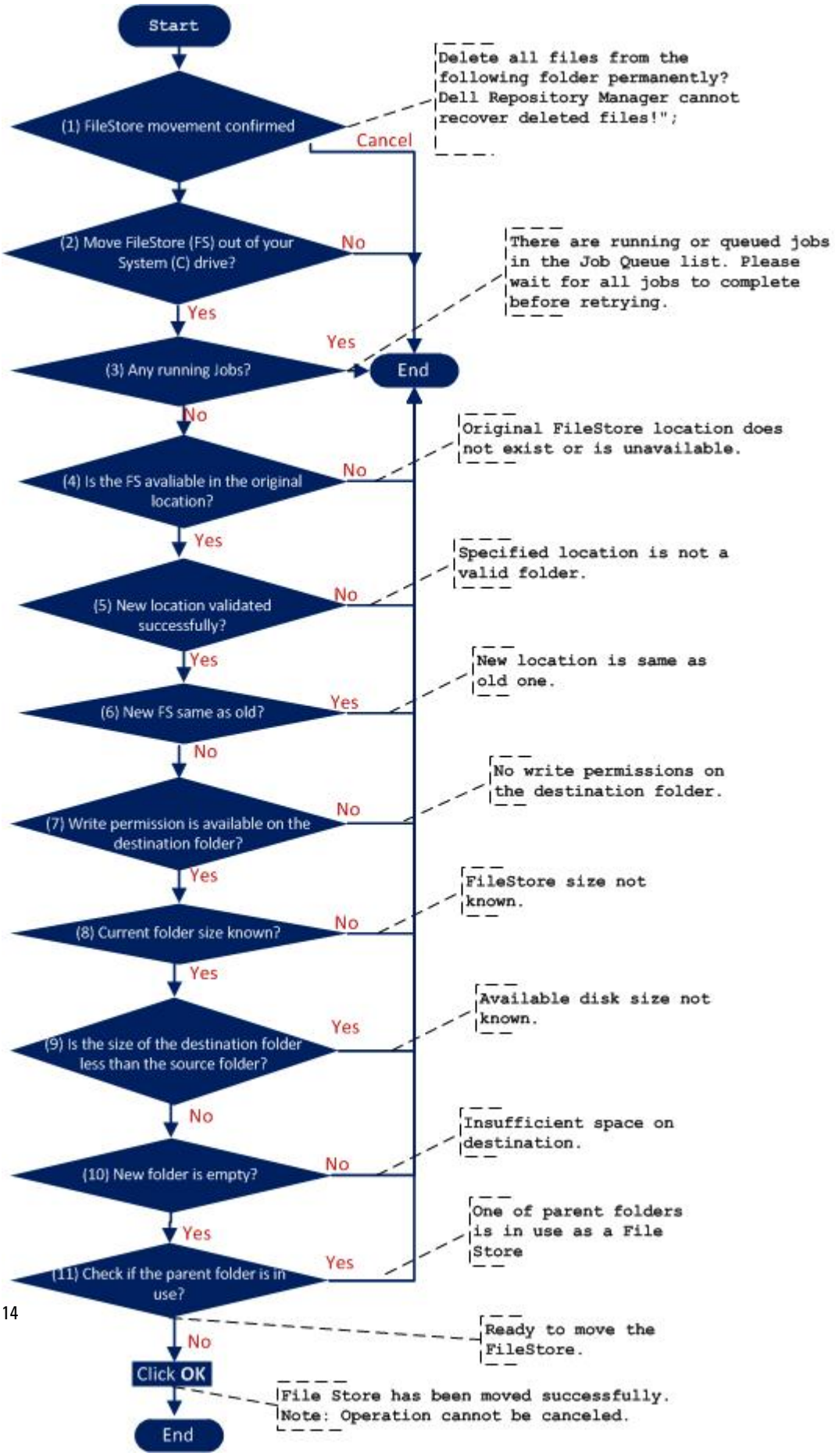
DRM 1.6 onwards, the configurable FileStore feature helps the user to save disk space on the System Hard Disk. The default file location for the FileStore is **C:\Users\<User Name>\AppData\Local\RepositoryManager\FileStore**. However, the FileStore can be moved to a different location after DRM is installed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



Search Dell Support Site And Schedule Automatic Search

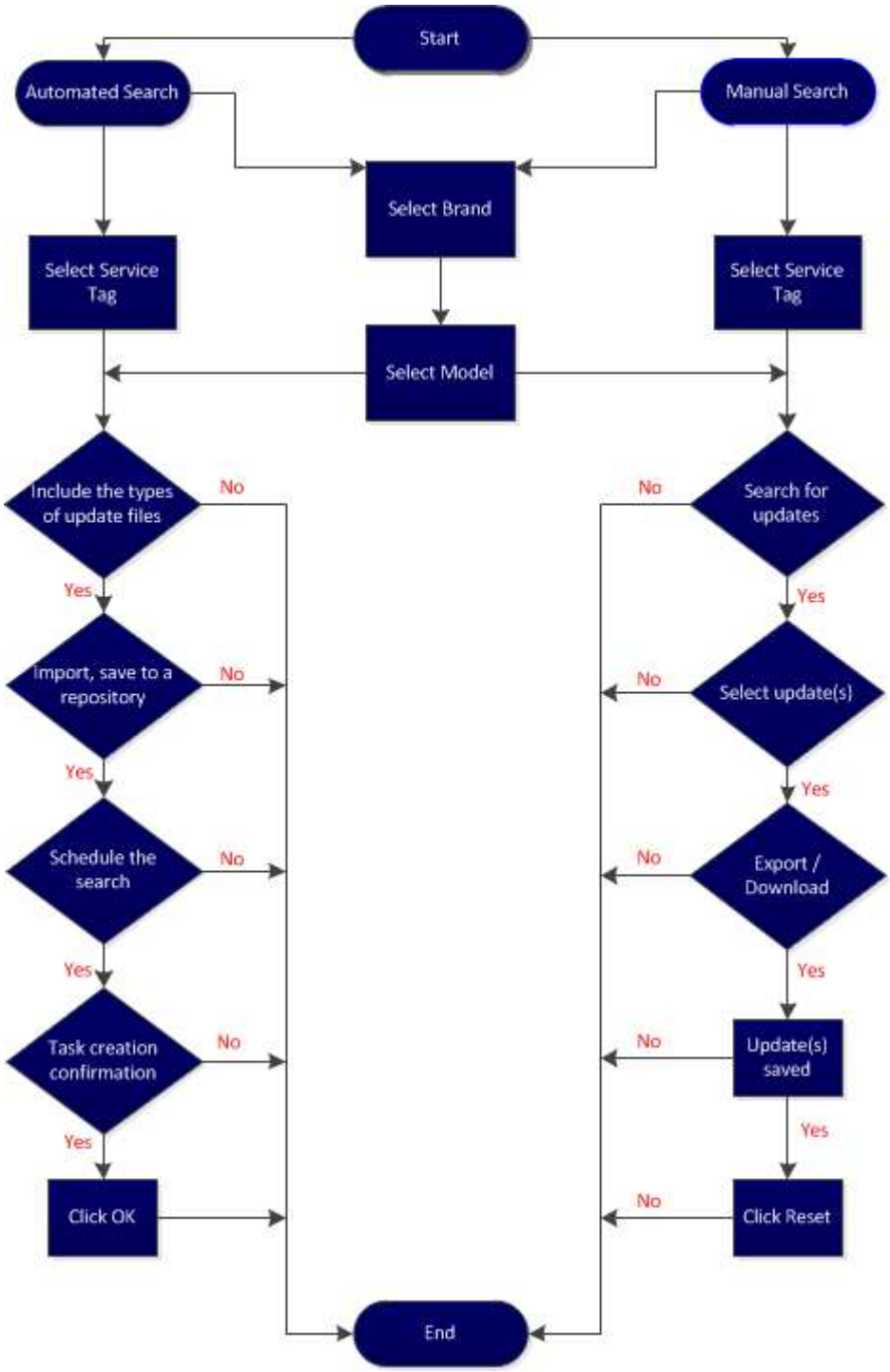
Searching for updates in support site is a manual process, eventually you can search updates for only one system at a time. Using DRM 1.6, you can search the Dell Support Site for the latest catalog file and also the Dell Update Packages (DUPs). The purpose of using DRM is to search for updates for multiple systems at a time, so that all the relevant updates can be downloaded in the respective systems. Some of the systems have Non DUP updates. Using DRM 1.6 even the Non DUP updates can be searched and downloaded.

DRM searches for latest updates for a system by comparing the new catalog file against the existing FTP catalog (stored in the system) and download them. These updates can also be exported to an existing or a new repository.

The Dell Support Site can be searched in two Methods:

- Automated Search
- Manual Search

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



Launching DRM Using Command Line Options

Navigate to the location where DRM is installed in the system. By default, DRM is installed at `c:\Program Files (x86)\Dell\Dell Repository Manager v1.6.0.`

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. Launch **Dell Repository Manager**.
2. Select **My Repositories**.
3. On the **My Repositories** tab select the specific repository, and click **Open**.
4. 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

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, 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 DPUs that can be installed to update the repository. You can see a list of the DUPs once you select any system in the left pane.

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.
5. Click **Update**.

   The **Bundle Disclaimer** window appears with the list of the **Dell Recommended bundles**.
6. Click **OK** to install the updates or click **Cancel** to exit without updating the repository.
7. Click **Close** to close the **Update Repository** window.

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
- Deleting 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

Configuring Settings For Dell Repository Manager

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

- **Source Repository Setting**
- **Default Proxy Setting**
- **Dell Repository Manager Update**
- **Configuring FileStore Setting**

Configuring Source Repository

To configure a default repository:

1. On the **Dell Repository Manager** screen, click **Application**.
2. In the **Settings** menu, click the **Source Repository** option.
3. 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.
   - **Local Repository**

   NOTE: If **Check the update of source repository while starting** check box is selected, DRM checks for an update on every launch.
4. 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. 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.

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.

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 **Create Repository** window is displayed.

2. Type the **Name:** and **Description:** and click **Next**.

   Or click **Cancel** to exit without making changes.

   The **Create 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 appears and click **Finish** to create the repository. The **Summary** window displays the properties of the repository based on the selections.

    The **Create Repository** 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 **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.**
2. Select the **Empty (no inventory)** option.

   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 New 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 **Bundles** and **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 and view the details of 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.

   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** screen, observe the changes to the components or bundles. **Refresh** is also used to refresh the table to find the repositories that are added by the **Automatic Search Update** option.

Deleting A Repository

You can delete repositories you do not use from Dell Repository Manager.

To delete a repository:

1. On the **My Repositories** tab select the repository, and click **Delete**.
   The **Delete Confirm** window is displayed.
2. Click **Yes** to remove the repository from the database.

Importing A Legacy Repository

1. In the Dell Repository Manager, click **My Repositories** —> **Import Legacy Repository**.
   The **Import Repository** window is displayed.
2. Click **Browse** to navigate to the location of the file.
3. Select one of the following options under **Select the repository content to import:**
   - **Import only the catalog reference file (e.g. catalog.xml)**
   - **Import the catalog reference file and download the actual update files contained within it**
4. Click **Import**.
   A pop-up window appears indicating that the job has been added to the **Jobs Queue**.
5. 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,** click **Browse** to navigate to the location where you want to save the catalog file.
4. 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.
5. If you select **Full repository (Catalog file and all the update packaged)**, then proceed to step 7.
6. 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.

7. 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 3.

8. Click **Save**.

The **Please wait...** dialog box appears while processing the job before submission.

9. Monitor the progress from **Jobs Queue**, after the **Export Queued** window is displayed.
10. Click **OK** to return to the **Dell Repository Manager** screen.

Comparing And Updating Repositories

You can compare the repositories you created or imported 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.

NOTE: You can also run a comparison for a Source Repository.

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. 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**. 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.

Creating Bootable CD or USB Keys For Updates

You can create bootable USB keys for updates, using any third party or free tool. You can start your managed system by the bootable CD or USB storage. After the system starts up, it automatically runs the selected updates. After the update is complete, you can remove the CD or USB storage, and reboot the system to your host operating system.

You can use the bootable ISO to apply the updates if:

- You have a server running an operating system that is not supported by Dell Repository Manager, such as Berkeley Software Distribution (BSD), Solaris, or older versions of Microsoft Windows, RedHat Linux or SUSE Linux.
- You are using Linux versions such as Ubuntu or Debien.
- You prefer to do your updates (regardless of OS) in an out-of-band method.

To create bootable USB keys, using the tool - UNetBootIn as an example:

1. Download the UNetBootIn for Windows available at **http://sourceforge.net/projects/unetbootin/files/UNetbootin/**.
2. Run the Dell Repository Manager and generate the bootable ISO.

3. Start UNetBootIn and select the **Diskimage** option.
4. Click **[...]** adjacent to the ISO drop-down and navigate to the ISO created by Dell Repository Manager.
5. Ensure that the type setting is equal to USB drive and the location where you want to download the USB key displays in the drive drop-down.
6. Click **OK** to start the USB writing.
7. After the USB key writing is complete, insert the USB Key into a USB port on the system you want to upgrade.
8. Press **<F11>**.

   The boot menu is displayed.
9. Select the USB key as the boot target.
10. Select option 1 in the UNetBootIn menu's boot menu to proceed with the component updates.

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 have used 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 bundles and 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 the components in the repository
   - Form factor
   - System models

- Dell update package format
- Unassigned components in the repository

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

Working With Components

Components are also known as Dell Update Packages (DUPs). They are used for updating the Basic Input Output System (BIOS), firmware, and drivers on specific platforms.

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:

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 bundle or repository, and Click **OK**.

   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. Select the repository to which you want to add the component and click **Open**.
4. On the **Components** tab, click **Import**.

   The **Select DUP File to Add** window is displayed.

5. In the **Select DUP File to Add** window, navigate to the file location where you want to import the DUP from and click **Open**.

   The **Please Wait ...** window appears. You can browse and search for the component from all the repositories available on the system.

   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: You can import only the DUP files to the repository which are digitally signed by Dell. 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.

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

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 **Copy 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 **Copy Component Summary** 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 **Copy Component Summary** 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**.
   The **Components Properties** window is displayed listing the information about the component selected.
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. Click **Components**.
3. On the **Components** screen, select the component(s) you want to delete, and click **Delete**.
   The **Delete Component(s)** window is displayed.
4. In the **Delete Component(s)** window, click:
   - **Delete from Repository** — Deletes the component from the corresponding Repository.
     If the selected components are assigned to any bundle or bundle(s) in the repository, the following message is displayed: `You are about to modify Dell recommended bundle(s). Please test the bundle(s) before deployment if you want to continue.`

     NOTE: You can use the check box next to the displayed message to opt out from seeing this message again.
   - **Cancel** — Exits the **Delete Component(s)** window.
5. 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 lists the properties of the filters that user can base for search on:

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. **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: • **Drivers** • **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:

- **All**
- **Windows-DUP**
- **Non-DUP**

For example, if you select **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**
- **Video**
- **Audio**
- **Chipset**

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:

- **Any Date**
- **Exact Date**
- **Prior To**
- **Most Recent**

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:

- **All**
- **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**.

   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 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.

Stopping Jobs In The Jobs Queue

Select the check box next to the job from the **Jobs Queue** and click **Stop** to pause 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.

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.

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 only 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**.

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 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: 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.
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, **Schedule**, and **Security Options**.

   - **Start:** — You can set the date and time for the automatic search.
   - **Schedule** — 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. 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.

   You can view the details of the updates in the **Please Wait...** window. This may take several minutes 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** tab 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 `No updates found for the selected platforms.`

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. Select one of the **Bundle Options** to export updates to bundles in repositories.
   - **Replace old files in new files in all bundles** — Replaces all the older versions of the DUPs in the bundles.

     NOTE: The Bundle disclaimer window is displayed with all the Dell bundles which can be updated with this export.
   - **Create new bundle** — Creates a new bundle for different platforms and operating systems with generic names.
10. The **Support Files download Queued** window is displayed.

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

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

Filter Updates

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

OS Type

- Allows you to filter the search based on the operating system selected. The options available are **Windows** and **Linux**.

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 bundle(s) and 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.
  - **All file formats** — 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 view the unassigned components in a repository?

1. Select a repository and click the **Components** tab.
2. From the **Display from bundles** drop-down list, select **Unassigned Components**. The Dell Repository Manager displays the unassigned components.

   NOTE:
   The **Unassigned Components** option is not displayed if the repository does not have any unassigned components.

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.

Why would I use the Dell Repository Manager to create the catalog that LifeCycle Controller uses, instead of just using the catalog on the Server Update Utility (SUU)?

Since, SUU supports Dell systems from Dell PowerEdge 8th generation systems to the most current systems, the catalog size on SUU is greater (over 7 GB), than the catalog size on the Dell Repository Manager. In the Dell Repository Manager you can select the systems that you want to manage, thereby decreasing the catalog size (PowerEdge R710 = 729 MB).

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**.

If I export a bundle using Export to light weight deployment scripts, am I going to re-download the DUPs which are already in my system?

Whenever a DUP is downloaded, it is stored locally in a file system **[%localappdata%\RepositoryManager\FileStore]** location. It is not stored using the DUP file name in that location, hence it is not traceable with the exact DUP names. For further use of the DUPs, DRM will fetch them from this location and will NOT re-download.