

Dell Repository Manager 2.2.1

Release Notes



Release Type and Definition

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

Version:

2.2.1

Release Date:

Dec 2, 2016

Previous Version

2.2

Importance

RECOMMENDED: Dell recommends applying this update during your next scheduled update cycle. This version contains following updates and fixes.

What's New

- Dell Console Integration – DRM 2.2 onwards, DRM supports Dell Console Integration. You can connect and create a repository with:
 - Dell Lifecycle Controller Integration for System Center Virtual Machine Manager (DLCI for SCVMM).
- Previous Catalogs – Allows you to select the previous Dell Catalogs.
- Schedule bundle search – Provides further options to search for the bundle.
- User readable log files – Now, users can use the log files more efficiently. DRM supports both .svclog and .log files.
- Download Optimization – DRM supports concurrent download of DUPs while creating update packages. By default it is 5 and you may configure up to 10.
- Version 2.2 onwards DRM supports catalog files in .gz format. The file can be imported by using any of the following methods:
 - a) By accessing **Source Repository** from **Application ->Settings-> Source Repository**.
 - b) By using the **Import Repository from Catalog file** option from the **Help** menu.

Fixes

- Fixed the low disk space error when more number of bundles are selected at the same time.
- Email Log files can now be configured and sent through Microsoft Exchange or SMTP using Email Settings.
 - Dependency on Email client has been removed.
- DRM has implemented prior validation in Copy To option to avoid errors later.
- Interface cleanup for options on Bundles and Components tab for easy navigation.
- Seamless loading of repositories when multiple repositories are selected and opened.
- Improvements in Manage Scheduled Task.
- Merged Export option along with Create Deployment Tools.
- Merged Comparison option along with Run a Comparison feature.

- Fixed the issue related to forced update of DUP in a bootable ISO. Starting DRM 2.2.1, you can force an update through the bootable ISO irrespective of a reboot to the DUP.
- Starting DRM 2.2.1, the issues found in creating a repository or updating jobs or catalogs are fixed.

Important Notes

Known Issues and Resolutions

Issue 1

Description: If you try to add PE driver maintenance packs, chassis components or BIOS update package of Dell business client systems, such as Latitude, OptiPlex or Precision, to an existing local repository by using DRM, the following error message is displayed:

"Failed to import selected DUP file(s)."

Resolution: This is a known issue. Components in the Dell Update Packages (DUPs) format will work correctly without errors.

Issue 2

Description: Encounter unexpected errors while running a DRM output bootable deployment media ISO that contains custom script.

Resolution: If you want to run custom script on DRM output bootable ISO, make sure to include next export command before launching any Dell OpenManage Deployment Toolkit utilities:

```
export PATH=$PATH:/opt/dell/toolkit/bin
export LD_LIBRARY_PATH=$PATH:/opt/dell/toolkit/lib:/opt/lsi
```

An example of custom script:

```
#!/bin/bash
export PATH=$PATH:/opt/dell/toolkit/bin
export LD_LIBRARY_PATH=$PATH:/opt/dell/toolkit/lib:/opt/lsi
raidcfg -ctrl
racadm version
```

Issue 3

Description: Dell Client Manager (DCM) cannot recognize the DRM output XML catalog.

Resolution: If you save a local repository to be used by DCM, you must save the catalog by using Cab Files (.cab) type and name it as CatalogPC.cab. The DCM cannot recognize XML catalog files.

Issue 4

Description: You cannot downgrade to a lower version of DRM using the current DRM installer.

Resolution: To install an earlier version of DRM, first uninstall the newer version manually through Add/Remove Programs in the Windows Control Panel, and then run the installer of the desired version.

Description: When multiple users use the single user installation option to install the product on the same system, uninstallation by one user eliminates program files and binaries, but leaves shortcuts on other users' desktop.

Resolution: None

Issue 6

Description: While creating a repository from Dell OpenManage Essentials (OME) v1.0 inventory if the user does not have correct privileges, there will be a popup window with an empty message.

Resolution: The users can click OK on the message box. Then DRM will ask the user to provide the proper credential in order to get inventory from OME. If the user's credential does not have the proper permission, DRM will fail to create the repository.

Issue 7

Description: Scheduled automatic search task fails to start when a computer is running on battery power. The scheduled automatic search task is created and managed by Windows OS Task Scheduler. By default, a task may be set to start only when the computer is on AC power. This setting may cause scheduled automatic search task to fail when the computer is on battery power.

Resolution: Connect the computer to AC power before a scheduled task starts. And, keep the system on AC power before the task is completed.

Issue 8

Some of the filter saved in an older version will not work with the latest version. The filter list has been modified in current version.

Resolution: Delete these old filters and recreate using current version.

Issue 9

If the user has imported some local repository/SUU and cleared Repository Manager local cache, it may happen that in the next run of export when it tries to access the imported path and fails to download the file with a task failure.

Resolution: User can either manually delete the database file located at %localappdata%\RepositoryManager\Database or can do a “Sync Database with Dell online Catalog”.

Issue 10

DRM does not support multi-user execution on the same system. Users cannot run DRM at the same time on the same system with two separate remote/local session.

Issue 11

DRM installer cannot remove the installation folder on a failure of installation because of the length of the target folder path exceeds the limit.

Issue 12

For catalog imported in and earlier version than 2.1 may show PEMaintenance pack, which is no more supported in current version.

Issue 13

With the new installer update silent install is not enabled for automatic upgrade from a previous version to 2.1. Normal UI will come up showing installation progress and user have to follow the wizard manually.

Issue 14

When the option is changed in preferred download protocol choices in network settings, some instance application fails to connect to internet and shows a network error.

Resolution: Restart the repository manager instance and it will work properly.

Issue 15

If there is only one repository created, and if user select components from it or Dell Online Catalog or Local Source Catalog and if copy to new repository option is selected, copy components to existing repository page is displayed.

Resolution: Change the option and select back export to new repository option UI will work as expected.

Issue 16

Information about the location where the DRM 2.2.1 is installed is not available in the registry.

Issue 17

After installing DRM 2.2.1, the name of the DRM console shortcut on the desktop or custom location is not updated from DRM 2.2 to DRM 2.2.1. This does not affect the functionality of the product and works as expected.

Installation Prerequisites

For information on installing Repository Manager, see the "Dell Repository Manager - Quick Installation Guide".

History of Previous Release Notes

Upgrading From Previous Versions

Before upgrading the existing version of Repository Manager with the latest version, ensure that all screens of the existing versions are closed.

Open Source Software Usage

Dell Repository Manager uses Open Source software to implement certain functions. Next is a list of the Open Source software used by DRM:

1. Persist the Visual Tree when switching tabs in the WPF Tab Control (Optimized) from CodeProject.com

Open Source Software URL:

<http://www.codeproject.com/Articles/362940/Persist-the-Visual-Tree-when-switching-tabs-in-the>

License:

This article, along with any associated source code and files, is licensed under The Code Project Open License (CPOL), <http://www.codeproject.com/info/cpol10.aspx>

Dell Modifications:

- Bug fix: Running on .NET4.5 framework over Remote Session causes Tab Item state to be lost if RDP is reconnected. Similar behavior was observed even with user switching.

Code change: Added a new dependency property "SkipLoad" to determine if a TabControl should be re-populated every time a load happens. Also track the last selected index before unload and use it to set it at next load.

- Bug fix: TabItems containing other TabControl would not allow setting the selected item other than the first element.

Code change: Populate the inner TabControl as soon as the outer TabControl is bound to a new data source. This ensures the inner TabControl's tree is available to select any element, not just the first one. It works in conjunction with SkipLoad property.

- New: Allow new TabItem to be inserted at any specified index, not just at last position.

Code change: Provision AddTabItem method to accept an index position at which new item will be inserted in the TabControl.

- The Dell modified source code can be found at <http://opensource.dell.com/releases/drm/WPFTabControl>

2. WPF Extended Toolkits from CodePlex.com

Open Source Software URL: <http://wpftoolkit.codeplex.com/>

License:

Microsoft Public License (Ms-PL), <http://wpftoolkit.codeplex.com/license>

3. NDesk.Options from ndesk.org

Open Source Software URL: <http://www.ndesk.org/Options>

License:

NDesk.Options are released under the MIT/X11 license, <http://opensource.org/licenses/mit-license.php>

4. Task Scheduler Managed Wrapper from CodePlex.com

Open Source Software URL: <http://taskscheduler.codeplex.com/>

License:

The MIT License (MIT), <http://taskscheduler.codeplex.com/license>

5. Html Agility Pack from CodePlex.com

Open Source Software URL: <http://htmlagilitypack.codeplex.com/>

License:

Microsoft Public License (Ms-PL), <http://htmlagilitypack.codeplex.com/license>

6. Starksoft .NET GnuPG Component from sourceforge.net

Open Source Software URL: <http://opensource.dell.com/releases/drm/starksoftopenpg>

Contacting Dell

* NOTE: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Visit support.dell.com.
2. Select your support category.
3. If you are not a U.S. customer, select your country code at the bottom of the support.dell.com page, or select All to see more choices.
4. Select the appropriate service or support link based on your need.

For information on documentation support, visit www.dell.com/support/manuals.

On the Manuals page, click Software>Systems Management. Click on the specific product on the right side to access the documents.

For information on technical support, visit www.dell.com/contactus.

For information on documentation support, visit support.dell.com/manuals

On the Manuals page, click Software>Systems Management. Click on the specific product on the right side to access the documents.

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