

# Hummingbird Enterprise™ 2004

## DM 5.1.0.5 Service Release 6 Maintenance Release 5 Release Notes

February 15, 2008

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## General Information

The DM 5.1.0.5 service and maintenance releases are cumulative. That is, a later service or maintenance release will contain everything that an earlier service or maintenance release contained, plus any new modifications. This is the fifth set of public maintenance releases for DM 5.1.0.5 SR6.

Maintenance releases automatically detect the products you have installed and apply updates accordingly. For example, if you have DM Server but do not have RM Server, only DM Server updates are applied.

Maintenance releases within this set may have interdependencies. If you encounter issues, be sure that you have applied all updates in this set and continue to reproduce the problem before contacting Technical Support.



As of DM 5.1.0.5 Service Release 1, all English patches for DM are intended to be language neutral and should function with all localized releases of DM.

Please see [Fixed Issues](#) for details on the public patches included in this release.

DM Extensions Dynamic Views for DM 5.1.0.5 SR6 Maintenance Release 5 is a separate download to be installed after applying SR6 MR5 updates. If you applied Dynamic Views for DM 5.1.0.5 with previous releases, it should be updated for SR6 MR5. See the [Dynamic Views Release Notes](#) for more information.

## Fixed Issues

Following is a list of the issues fixed in DM 5.1.0.5 Service Release 6 Maintenance Release 5. For more information on an issue, go to the [Open Text Knowledge Center](#) and search on the issue's description or Key tracking number (such as DM-4124), which can be found at the beginning of the title.

### DM Server and Administration Tools

#### **[DM-10143] - French - Electronic Profile Form Appears Instead of the Defined Paper Profile Form**

When you use the French version of DM Extensions with an English DM Server and profile a paper document, the profile form defined for the electronic document appears instead of the profile form defined for the paper document.

### **[DM-10516] - “Cannot transfer document” Error Message Appears When Saving to a Remote Library**

In DM Extensions, when a user attempts to save to a remote library the following error message might appear:

*“Hummingbird DM*

*[Error Icon] Cannot transfer document: Cannot upload the document: <800401EA> [ServerName]: Hummingbird DM has encountered an unexpected error. Please notify your administrator.:System Error - CreateFile: The process cannot access the file because the file because it is being used by another process.*

*: 32 = 0x20:Number of time to retry = 0:Number of seconds to wait in between = 0:UNC File name =*

*\\[DocumentServerName]\[DocumentStoreLocation]\[Path]\[DocumentName <BLOCKED::file://*

*\\[DocumentServerName]\[DocumentStoreLocation]\[Path]\[DocumentName>] [OK]”*

### **[DM-8269] - Public Folders Do Not Appear in Tree View When Disabled Group Exists on the Access Control List (ACL)**

When you disable a group in Library Maintenance, and the disabled group exists on the ACL of a secured public folder, the folder does not appear in the public folders list for any member of that group. However, members of the disabled group can access the folder by performing a profile search.

### **[DM-10348] - DM Previewer Might Cause DM Server Instability**

When using the DM Previewer, DM Server stability might not be consistent.

### **[DM-10069] - Ability to Use Continuous Logging on DM Client Machines**

Customers request the ability to set up logging so that log files are not overwritten.

**To set up continuous logging:**

1. Select **Start>Programs>Hummingbird>DM Extensions>Client Deployment Utility**.
2. In the CDU, expand the **Hummingbird DM Client Deployment Utility** node.
3. Click the **Logging Options** node.
4. In the **Log** tab, select the **Module** name, and then select the **Log** check box. This enables logging for that module.
5. Select **Start>Run**.
6. In the **Open** field, type `regedit`. The Registry Editor opens.

7. Locate the following registry key:

HKEY\_LOCAL\_MACHINE\SOFTWARE\Hummingbird\PowerDOCS\  
<module name>

The <module name> is the module for which you enabled logging (for example, **Core**).

8. Right-click the module name and select **New>DWORD Value**.

9. Type **CreateNewLogFile** and press **ENTER**.

10. Double-click **CreateNewLogFile**.

11. In the **Value data** field, type **1**, and then click **OK**.

Log files will be created with a date and time stamp of when the logging started. As long as this value exists in the registry, the log file will continue to grow and will not be overwritten.



**You should enable continuous logging only for troubleshooting purposes.**

## DM Extensions

### **[DM-8380] - Prompt to Update Links Does Not Appear**

In DM Extensions, with DM Linking installed, the user is not always prompted to update DM links when opening a DM document.

### **[DM-9765] - URL Link Appears as HTML Code When Using the Send as URL Option**

In DM Extensions, when you e-mail a document using the **Send as URL** option, the URL is inserted with the HTML code instead of the link name.

### **[DM-9986] - Ability to Capture Events from the Log-Off Feature**

In DM Extensions, customers would like the ability to capture events from the log-off feature when users right-click the DM Extensions system tray icon and select **Log Off**.

### **[DM-11532] - DM Extension for Microsoft Outlook - Save Process Is Duplicated When Dragging an Attachment to a DM Folder**

In DM Extension for Microsoft Outlook, when you drag and drop an e-mail message to a DM folder, after the save process is complete, a second save process begins. If you complete the second save process, the document is saved a second time to DM.

**[DM-11285] - Users Can Select to E-mail Published Versions of a Document Even When No Published Version Exists**

When you e-mail a document in DM Extension for Microsoft Outlook, you can select the “Published” version option even when the document does not have a published version.

**[DM-11321] - Users Are Prompted to Profile DRFs When Dragging E-mail Messages to File Parts**

When you drag and drop an e-mail message containing a DRF to a file part, you are prompted to profile the DRF.

**[DM-9562] - PWDMonikerConverter.xla File Causes Large Documents to Open Slowly in Excel**

In DM Extensions, using Microsoft Excel with COM Automation or ODMA integration, when DM Linking is installed and you attempt to open a spreadsheet larger than 4 MB, you will notice a considerable delay before the file opens. Sometimes the connection to DM is lost during the process and you must log on to DM Extensions again.

A registry subkey controls whether or not the system automatically converts links to external native files when they contain UNC links (DOCS Open links). If the subkey does not exist, or if the value is 0, DM Linking is configured to scan and convert these links.

**To add the registry subkey:**

1. Locate the following in the registry:  
HKLM\Software\Hummingbird\PowerDOCS\AppIntegration\
2. Right-click **Viewer** and select **New>DWORD Value**.
3. Type **BypassLinkUpdate** and press **ENTER**.
4. Double-click **BypassLinkUpdate** and type one of the following values:  
0—Scan for DOCS Open links, and if they exist, convert them (default).  
1—Ignore any DOCS Open links, and do not convert them.

**[DM-10196] - E-mail messages Formatted as HTML Might Become Corrupted when Saved to DM**

When you save an e-mail message in HTML format to DM, when you view or open the saved e-mail message, it might appear as HTML code surrounded by tags.

**[DM-10789] - Prompted to Profile Documents Twice When Dragging and Dropping Multiple Documents to a File Plan**

Using RM Extensions in Microsoft Outlook, when you drag and drop multiple documents to the file plan, you are prompted to profile each document twice.

**[DM-10795] - Access Control List (ACL) Sorts By Case After Initial View**

In DM Extensions, after you initially view the ACL of a document, the second time you view the ACL and highlight a group, such as DM Users, the list of users is sorted in upper case first, and then by lower case, instead of being sorted alphabetically.

**[DM-10801] - Duplicate Message Dialog Box Does Not Appear When Profiling Sent Item with Attachment Twice**

In DM Extension for Microsoft Outlook, if you profile a Sent e-mail message containing an attachment twice, the dialog box stating that the e-mail has been previously saved to DM does not appear.

**[DM-11449] - "Unable to display the folder" Error Message When Working Offline in Microsoft Outlook**

In DM Extension for Microsoft Outlook, using Outlook 2003, when you select DM>Work Offline, the Hummingbird DM node collapses, and the following error message appears:

*"Unable to display the folder. Microsoft Office Outlook could not access the specified folder location. Unexpected error (8004010F)"*

However, you can still perform offline functions.

**[DM-11497] - "Uploading this document failed" Error Message Appears When Saving Document Offline**

In DM Extensions, using Attaché and passive COM Automation for Microsoft Word, when you save a Word document to the Attaché folder and then you attempt to save the document when offline, the following error message will appear:

*"Uploading the document failed. It is suggested that you save your work locally and then contact your administrator. Would you like to save locally?"*

## RM Extensions

### **[DM-10616] - File Code Changes on Profile Form When a Record Is Moved to Another File Part**

In RM Extensions, you can move a record to a different file part by using drag and drop; however, doing so changes the File Code on the profile form. The record's metadata should not change.

### **[DM-11310] - Unable to See File Plan When Returning from Working Offline**

In RM Extensions, when you select to work offline and then log on again, when you expand the Library name node, the File Plan no longer appears. You must close DM and log on again.

## DM Webtop

### **[DM-11539] - Filtered Lookup Values Not Returned When Completing Profile Form in DM Webtop**

In DM Webtop, when you attempt to import a document, the results for a filtered lookup on the profile form might not be returned.

## Fixed Issues in Previous Releases

You should review the Fixed Issues for all releases between the one you are upgrading from and this release. You can find this information in the following documents:

- [DM 5.1.0.5 Service Release 1 Release Notes](#)
- [DM 5.1.0.5 Service Release 2 Release Notes](#)
- [DM 5.1.0.5 Service Release 3 Release Notes](#)
- [DM 5.1.0.5 Service Release 4 Release Notes](#)
- [DM 5.1.0.5 Service Release 4 Maintenance Release 1 Release Notes](#)
- [DM 5.1.0.5 Service Release 4 Maintenance Release 2 Release Notes](#)
- [DM 5.1.0.5 Service Release 4 Maintenance Release 3 Release Notes](#)
- [DM 5.1.0.5 Service Release 4 Maintenance Release 4 Release Notes](#)
- [DM 5.1.0.5 Service Release 5 Release Notes](#)
- [DM 5.1.0.5 Service Release 5 Maintenance Release 1 Release Notes](#)
- [DM 5.1.0.5 Service Release 5 Maintenance Release 2 Release Notes](#)

- [DM 5.1.0.5 Service Release 5 Maintenance Release 3 Release Notes](#)
- [DM 5.1.0.5 Service Release 6 Release Notes](#)
- [DM 5.1.0.5 Service Release 6 Maintenance Release 1 Release Notes](#)
- [DM 5.1.0.5 Service Release 6 Maintenance Release 2 Release Notes](#)
- [DM 5.1.0.5 Service Release 6 Maintenance Release 3 Release Notes](#)
- [DM 5.1.0.5 Service Release 6 Maintenance Release 4 Release Notes](#)

In addition to specific fixes outlined in these Release Notes, SR4 and subsequent releases focused on enhancing application integration stability. In conjunction with the recommended registry settings outlined below, significant improvements have been made in in error handling related to zero-byte files and other file save anomalies. **These registry settings must be manually applied to function correctly with DM 5.1.0.5 SR6 MR5.** If DM detects that a save or upload process fails, an error message will alert the user, the user will be notified in screen-displayed messages, and the Retry option will occur until the file is saved successfully or the user cancels the action. If the native application's Auto Recovery is activated by an application failure, analysis of the problem will be outside the scope of DM error detection, and users should follow normal application procedures to recover their document.

Manually apply the registry settings below:

[HKEY\_CURRENT\_USER\Software\Hummingbird\PowerDOCS\Core\Plugins\Fusion\Settings]

"CheckFileSizeOnDownload"=dword:00000002

"CheckFileSizeAfterUpload"=dword:00000001

"RetryUploadIfFailed"=dword:00000001

"RetryUploadDelay"=dword:0000000f

"UploadIfDifferentSizeOnDownload"=dword:00000001

"UploadIfDifferentSizeOnUnlock"=dword:00000001



NOTE: Additional information is available in Technical Bulletin #133277, "How to Avoid Missing Edits and Zero-Byte Files in Hummingbird DM™." This document is available in the Open Text Knowledge Center at <https://knowledge.opentext.com>.



# Configuration Notes

## Addressable Folders

If you are sending e-mails via Addressable Folders to both primary and remote DM libraries, an address for a primary library folder must be first in the list.

The DM SMTP Service cannot coexist in an environment where Microsoft or other SMTP services are running.

During installation of Addressable Folders, verify that the Administrative Tools dialog boxes pertaining to server services are closed. If any are open, some services cannot be unregistered, and the installation will not be successful.

## Content Cache Supports Background Document Updates on Saves

As of DM 5.1.0.5 SR6, Content Cache was enhanced to allow users to save the document to a Content Cache Server and then have immediate access to the document. The Cache Server handles synchronization of document updates to the document server in the background. These actions can greatly increase the efficiency of saving documents from a remote site.

Implementation of this optional enhancement requires running a SQL script and modifying a registry entry. Complete the steps listed below.

### To implement the Content Cache feature:

1. Using Microsoft SQL Query Analyzer, run the script `content_cache.sql`, which is located in the `\Tools\DM Server` folder, for all Hummingbird DM libraries. If the owner of the library is not DOCSADM, replace DOCSADM in the script with the database owner.
2. In DM Server Manager, verify that **Commit Transaction Monitoring** is enabled. On the **Content Cache** tab, verify that **Enable Content Cache** is selected and the **Content Cache** settings are correct.
3. Create the following in the registry on the DM Server machine:  
`HKEY_LOCAL_MACHINE\SOFTWARE\Hummingbird\DOCSFusion\Content Cache`

```
"Cache"="Enabled"  
"Max Size"=dword:000001f4  
"Lazy Write"="Enabled"  
"Location"="C:\\content_cache\\"
```

4. Set the **Location** for your Content Cache.
5. Restart DM Server.

## DM Extensions API Connections

In DM 5.1.0.5 SR6 and later, the DM Extensions API takes a new approach for tracking active DM Extensions API connections. To bring their code into conformance with this new approach, developers should introduce the following before using DM Extensions API interfaces:

1. Instantiate an object of either `IBCSession` or `IBCSession2`.
2. Call the method `Logon` (for `IBCSession`) or `LogonEx` (for `IBCSession2`) if `IBCBrowser` object is not available.
3. The session object can be released only when no more DM Extensions API usage is planned, or there are other connected session objects.

## DM Indexer Considerations

Service Release 6 and later contains SearchServer 6.0. When upgrading from DM 5.1.0.5 SR5 MR4 or earlier, you must create new indexes of your DM Libraries. We recommend that you configure one indexing server to build your new indexes before deploying SR6 MR5 to client workstations. Alternatively, you can select SearchServer 5.4 indexes for client searching while you build the indexes; however, these indexes must be static and cannot be updated by SearchServer 6.0 during the transition.

The Hybrid Searches feature, which was introduced in DM 5.1.0.5 Service Release 5, can be implemented in SR6 MR5. The [DM/RM 5.x Documentation Updates](#) document contains detailed instructions on implementing Hybrid Searches (Profile and Content searches) in the “Improved Performance for Hybrid Searches” section. If you choose to implement Hybrid Searches with SR6 MR5, apply the update before recreating your DM indexes. If you add Hybrid Searches after you create your SearchServer 6.0 indexes, reindexing is required.



Hybrid Searching is supported for MS SQL DM Libraries. Support for Oracle will be provided in a future release.

The SR5 SearchServer Update addressed both *SD020601, Indexing PDF Files May Cause 100% CPU Utilization*, and *SD015661, DM Indexer - "Error [80929][Hummingbird][SearchServer] Invalid FT\_CID value" Error Message and Inconsistency Searching for Various Words*. These issues are now included in SearchServer 6.0 and manual application of the update is no longer required.

## Possible Performance Issues Possible after Applying Service Release 5 or Later in Microsoft SQL Server Libraries

In Service Release 5, the default connectivity mode for DM connections with Microsoft SQL Server databases was changed from DB-Library to ODBC. It appears that this change might have caused certain performance issues. These issues include 100% SQL Server CPU utilization, which results in slow performance with DM clients. If you observe performance issues after applying SR5 or later, we recommend you restore DB-Library database connectivity for Microsoft SQL Server by adding the following entry at the top of your PCDOCS.INI file:

```
[Compatibility]
DbLib=1
```

## Support for Microsoft SQL Server 2005

Support for Microsoft SQL Server 2005 is provided in DM 5.1.0.5 SR6 and later. To allow for language neutrality, an updated English version of Library Generator is provided via the SR6 MR5 download in the `\Tools\DM Server` folder. This version may be used by all languages to create new DM Libraries with Microsoft SQL Server 2005. If you choose not to use the English Library Generator, see the alternative method below to manually create new libraries.

**To use the English Library Generator:** Copy Library Generator (`tblcomp.exe`) to the `...\Hummingbird\DM Server\Programs` folder. Follow normal procedures to generate your DM library.

**Alternate manual method:** On your Microsoft SQL Server 2005 server, use Enterprise Manager to create a database with the name you want to use for your DM library. Set the compatibility flag for this database to 80. Use your existing Library Generator to populate the DM library, following normal procedures.

**To update existing DM libraries:** Use Microsoft SQL Server 2005 to upgrade your existing Microsoft SQL Server 2000 database. No additional steps are required.

NOTE: Microsoft SQL Server 2005, by default, requires complex passwords when creating new groups and users. When generating a new DM library, use complex passwords for your DOCSADM and DOCSUSER accounts.

## Support for Microsoft Windows 2003 Server SP1

Support for Windows 2003 Server SP1 was introduced in DM 5.1.0.5 SR5. Like SR5, SR6 and its maintenance releases do not detect whether Windows 2003 Server SP1 has been applied, but rely on a manual update of the DM Server Configuration Wizard.

- If you have applied Windows 2003 Server SP1 and implemented the workarounds, apply the DM Server update and the DM Server Configuration Wizard manual update. This will support the ability to run the DM Server Configuration Wizard whenever needed.
- If you have not yet applied Windows 2003 Server SP1, but are ready to apply it with SR6 MR4, we recommend that you apply the Server SP1 update, then apply SR6 MR4 and the DM Server Configuration Wizard manual update.
- If you are not ready to apply Windows 2003 Server SP1 updates, you are not required to apply the DM Server Configuration Wizard manual update.

### To apply the DM Server Configuration Wizard manual update:

1. Apply the DM Server update. Copy the following files from the **Service Release 6 \Tools\DM Server** folder to your **\Hummingbird\DM Server** folder, overwriting the existing files:
  - PCDFSInstallWzdPages.dll**
  - PCDInstallWzdUtils.dll**
2. Run the DM Server Configuration Wizard to apply the new DCOM permissions.

## Support for Oracle 10g Release 2

Support for Oracle 10g Release 2 is provided with DM 5.2. No further action is required after you run Library Generator to upgrade from DM 5.1.0.5 to DM 5.2.

Oracle 10G Release 2 is supported with the following Oracle patches installed:

- Oracle 10g Release 2 patch set 10.2.0.3.0 (Oracle patch number 5337014)
- Oracle ODBC drop-ins (Oracle patch number 5699495)

Please contact Oracle support for additional information.

## Update Deployment Packages Created Prior to SR5

Deployment Packages that were created prior to Service Release 5 need to be updated due to the addition of the COM Automation feature. Edit your existing deployment packages, reselect the correct components, and execute a **Save** before using the package.

# Installation Instructions

All updates in the DM 5.1.0.5 SR6 MR5 set are provided when you download **dm5105sr6mr5.exe**. When you download the releases, they are by default extracted to **C:\Program Files\Hummingbird\Enterprise 2004 Service Releases\Service Release 6**. You can change the installation path, if you want. When the download is finished, the Hummingbird maintenance release browser automatically launches. You can download the release set for each server that you update, or you can download the release set to a shared network location. If you are running from a network location, double-click **\Service Release 6\setup.exe** to launch the maintenance release browser.

All server updates include the DM API 5.1.0.5 updates. The DM API 5.1.0.5 updates are also included with the DM Extensions 5.1.0.5 updates for client machines.

NOTE: In addition to the instructions that follow, please be sure to review the [Configuration Notes](#) and the [Fixed Issues](#) lists for setup instructions that may be applicable to your DM implementation.

## DM Server

1. DM Server 5.1.0.5 SR1 must be installed before the updates can be applied. The maintenance release installation will validate the licensing to determine which products are installed and only update patched files.
2. On the DM Server being updated, from the maintenance release browser, click **Install Products>DM Server**.

### Installation Notes:

- The DM Server maintenance release installation shuts down the DM Service, loads the updated files, and restarts DM Server. If you cannot connect to clients after the update is run, verify that the Server State in the DM Server Manager is **Started**. At the end of the DM Server installation, you may receive a Reboot Required notice. Reboot the DM Server to complete the installation.
- Before installing the DM Server updates on a server that is indexing with SearchServer™, all SearchServer indexes must be stopped through **Server Manager** and restarted after the install is complete.
- If either DM Web Server or DM Extensions is installed on DM Server, it must be shut down to release connectivity with the DM API. For DM Extensions, close all applications and be sure that Interceptor has also been closed. For DM Web Server, you must shut down the IIS Admin Service in **Control Panel>Services**. After the maintenance release installation is complete, remember to restart the IIS Admin Service and all appropriate Web services.
- If InstallShield detects processes that cannot be released during the installation process, a reboot will be required after the updated files are copied. After the reboot, all maintenance release files will be updated. The **Server Configuration Wizard** may launch. If you do not need to change your configuration, click **Cancel**.
- If you need to Repair or Modify your DM Server installation, uninstall the software from **Add/Remove Programs** in the **Control Panel**. A reboot is required before you reinstall from the CD. When reinstallation is complete, you will also need to reinstall applicable DM service or maintenance releases.

## DM Web Server

1. DM Web Server 5.1.0.5 SR1 must be installed before the updates can be applied. The maintenance release installation will validate the licensing to determine which products are installed and only update patched files.
2. DM Extension Server Setup update must be run after updating DM Web Server in order to update the DM Extensions.
3. On the DM Web Server being updated, from the service release browser, click **Install Products>DM Web Server**.

**Installation Notes:**

- If you have multiple Web Server instances installed for multilingual support, this maintenance release will update all instances.
- If you currently have custom directories for your users or groups, you will need to copy the appropriate files from the \Cyberdocs\Backup directory to your custom directories after the update has been installed.
- Hummingbird DM Web Server 5.1.0.5 service and maintenance releases can be uninstalled from **Control Panel>Add/Remove Programs**.
- Later, if you choose to Modify or Repair your DM Web Server installation from the CD image, you will need to uninstall DM Web Server 5.1.0.5, make your Modify or Repair changes, and reinstall it.

**DM WorkFlow Server**

1. DM WorkFlow 5.1.0.5 SR1 must be installed before the updates can be applied.
2. On the server being updated, from the maintenance release browser, click **Install Products>DM WorkFlow Server**.

**Installation Notes:**

- DM WorkFlow Server updates must be applied before updating the DM WorkFlow clients.
- Later, if you choose to Repair or Modify your DM installation from the CD image, you will need to reinstall the DM WorkFlow 5.1.0.5 Service Releases.

**DM WorkFlow Server Language Pack**

1. DM WorkFlow 5.1.0.5 SR6 MR5 must be installed before the language pack can be applied.
2. Go to your service release folder (by default C:\Program Files\Hummingbird\Enterprise 2004 Service Releases\Service Release 6\DM WorkFlow) and select the subfolder of the Language Pack you plan to install. The available options are:
  - "Lang Pack - Enc" - English Canadian language pack
  - "Lang Pack - Frc" - French Canadian language pack
  - "Lang Pack - Enu" - English language pack
  - "Lang Pack - Fra" - French language pack

3. Run `setup.exe`.

**Installation Note:**

You need to install the appropriate Language Pack on your DM WorkFlow Server machine for each language that your clients will be using.

For example, if you have clients using French Canadian locale, run `setup.exe` from subfolder "Lang Pack - Frc"; if you have clients using English Canadian locale, run `setup.exe` from subfolder "Lang Pack Enc."

**Additional configuration required in DM Web Server for enabling DM WorkFlow Multilingual Support:**

1. Log on to the English DM Webtop as DM Administrator and configure User Symbols for English DM Web Server.

In DM Web Admin>DM Webtop Maintenance>Custom Parameters, click **Add** and create a new parameter:

Name: WF\_DEF\_LANGUAGE

Value: ENC

2. Log on to the French DM Webtop as DM Administrator and configure User Symbols for French DM Web Server.

In DM Web Admin>DM Webtop Maintenance>Custom Parameters, click **Add** and create a new parameter:

Name: WF\_DEF\_LANGUAGE

Value: FRC

## DM Extensions Server Setup

1. DM Extensions Server Setup 5.1.0.5 SR1 must be installed before the updates can be applied.
2. On the server being updated, from the maintenance release browser, click **Install Products>DM Extensions Server Setup**.

**Installation Note:**

After the service release for the DM Extensions Server Setup has been installed, users can log on to the DM Webtop to upgrade DM Extensions on the client machines.



## RM Administration Tool

1. RM Administration Tool 5.1.0.5 SR1 must be installed before the updates can be applied.
2. On the server or workstation being updated, from the maintenance release browser, click **Install Products>Hummingbird RM Administration Tool**.

### Installation Note:

Later, if you choose to Repair or Modify your RM Administration Tool installation from the CD image, you will need to reinstall the RM Administration Tool 5.1.0.5 updates.

## Documentation Notes

Consult the [DM/RM 5.x Documentation Updates](#) document for updated documentation for all DM 5.1.0.5 service releases and maintenance releases. This document also contains clarified or corrected documentation.

## Image Numbers

Public Service Release 6 Maintenance Release 5 Image 129 includes:

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### DM Server

DM Server 5.1.0.5 Build 6112

DM Administration Tools 5.1.0.5 Build 6014

RM Server 5.1.0.5 Build 6072

DM API 5.1.0.5 Build 6112

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### DM Web Server

DM Web Server 5.1.0.5 Build 6093

DM Web Administration Tools 5.1.0.5 Build 6093

DM API 5.1.0.5 Build 6112

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### **DM Web Server**

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RM Web Server 5.1.0.5 Build 6060

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### **DM WorkFlow Server**

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DM WorkFlow Server 5.1.0.5 Build 6076

DM API 5.1.0.5 Build 6112

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### **DM WorkFlow Server Language Pack**

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Lang Pack - Enc - English Canadian 5.1.0.5 Build 4017

Lang Pack - Frc - French Canadian 5.1.0.5 Build 4017

Lang Pack - Enu - English 5.1.0.5 Build 4017

Lang Pack - Fra - French 5.1.0.5 Build 4017

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### **DM Extensions Server Setup**

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DM Extensions 5.1.0.5 Build 6248

DM API 5.1.0.5 Build 6112

DM Workflow Client 5.1.0.5 Build 6076

DM AutoUpdate 5.1.0.5 Build 6060

DM Extension for AutoCAD 5.1.0.5 Build 6063

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### **RM Administration Tool**

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RM Administration Tool 5.1.0.5 Build 6026

DM API 5.1.0.5 Build 6112

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## Automated E-mail Management

Automated E-mail Management Build 6075

Addressable Folders Build 6075

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## Files Delivered

Click [here](#) for a list of files included in the DM and RM 5.1.0.5.129 release.

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