

Hummingbird Enterprise™ 2005

DM/RM 6.0.4 Cumulative Updates 6 Release Notes

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General Information

The DM 6.0.x 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 sixth set of public maintenance releases for DM 6.0.4.

To determine if issues you've experienced have been addressed in this release, see the [Fixed Issues](#) section. For information about issues fixed in Releases 6.0.1, 6.0.2, 6.0.3, and 6.0.4, see the release notes for those releases:

- [DM and RM 6.0.1 Release Notes](#)
- [DM and RM 6.0.2 Release Notes](#)
- [DM and RM 6.0.3 Release Notes](#)
- [DM and RM 6.0.4 Release Notes](#)
- [DM and RM 6.0.4 CU1 Release Notes](#)
- [DM and RM 6.0.4 CU2 Release Notes](#)
- [DM and RM 6.0.4 CU3 Release Notes](#)
- [DM and RM 6.0.4 CU4 Release Notes](#)
- [DM and RM 6.0.4 CU5 Release Notes](#)

Supported Environments

Server Machines

	DM Server ¹	Document Server	DM Web Server ²
Processor	<i>Dual Pentium 4, 1.9GHz or better³</i>		<i>Dual Pentium 4, 1.9GHz or better³</i>
Memory	<i>2 GB or greater (1 GB minimum)</i>		<i>2 GB or greater (1GB minimum)</i>
Operating System	<i>Microsoft Windows 2003 Server Microsoft Windows 2000 Server</i>	<i>NetWare 6.0 or 6.5 Microsoft Windows 2003 Server Microsoft Windows 2000 Server EMC Centera</i>	<i>Windows 2003 Server Windows 2000 Server</i>
Database⁴	<i>Microsoft SQL Server 2005 Microsoft SQL Server 2000 Oracle 10g Oracle 9i (9.2.0)</i>		
Web Server	<i>n/a</i>	<i>n/a</i>	<i>Microsoft Internet Information Server (IIS) 6.0 and 5.0</i>

Notes:

1. The system requirements for DM Workflow, RM, and Collaboration DM Server Integration are the same as for DM. The DM Server machine requires approximately 60 MB of disk space for Collaboration DM Server Integration.
2. The system requirements for DM Workflow Web Server are the same as for DM Web Server. For the Internet Imaging Document Server (IIDS) on the DM Web Server, we recommend a dedicated partition of 10 GB for the image cache.

3. These processor recommendations are for dedicated DM Server machines. If SQL engines and/or DM Web Server are installed on the same machine, additional processing power and memory will be required.
4. For optimal SQL server performance, we recommend a dedicated server-class machine with a minimum of 1 GB RAM.

User Workstations

Processor	<ul style="list-style-type: none">• <i>Pentium III 600 or better (recommended)</i>• <i>Pentium III 500 (minimum)</i>
Memory	<i>512 MB or greater (recommended)</i>
Operating System	<ul style="list-style-type: none">• <i>Microsoft Windows XP</i>• <i>Microsoft Windows 2000</i>• <i>Citrix</i>
Web Browser	<ul style="list-style-type: none">• <i>Microsoft Internet Explorer 6.0 and 5.5</i>• <i>Mozilla Firefox 1.5</i>

Notes:

- If Imaging is installed on user workstations, we recommend at least 128 MB of RAM and 500 MB of free disk space if users are viewing large images.
- DM Extension for AutoCAD requires Autodesk AutoCAD 2005 or 2006. We recommend a 1024 x 768 VGA video display. An 800 x 600 VGA video display is the minimum.
- The system requirements for DM Workflow Extensions and DM Extension for AutoCAD are the same as for DM client workstations.

Installation Instructions

Before installing Release 6.0.4 CU6, review the [Configuration Notes](#) and the [Fixed Issues](#) sections for information that may be applicable to your DM implementation.

When you download the DM 6.0.4.617 service release, it is extracted by default to C:\Program Files\Hummingbird\Enterprise 2005 6.0.4\Image 617. You can change the installation path, if you want. When the download is finished, the Hummingbird Service Release Browser launches. You can download Release 6.0.4.617 for each server that you update, or you can download the service release set to a shared network location and update your servers from there. If you are running from a network location, double-click \Enterprise 2005 6.0.4\ setup.exe to launch the service release browser.

The 6.0.4.617 updates to the DM API are installed with the DM Server and DM Extensions updates for Release 6.0.4.617.

DM Server

Pre-installation

DM Server 6.0.1 must be installed before Release 6.0.4.617 can be applied. The Release 6.0.4.617 installation program validates the licensing to determine which products are installed and installs files that need updating.

Before installing the DM Server 6.0.4.617 files on a server that is indexing with SearchServer™, stop your SearchServer indexes using DM Server Manager. When the installation is finished, restart the indexes.

If DM Web Server is installed on the DM Server machine, it must be stopped to release connectivity with the DM API. Shut down the IIS Admin Service in **Control Panel>Services**. When the installation is finished, restart the IIS Admin Service and all appropriate Web services.

How to Install

To install Release 6.0.4.617 on the DM Server being updated, from the service release browser, click **Install Products>DM Server**.

The DM Server installation shuts down the DM Server service, installs the Release 6.0.4.617 files, and restarts DM Server. At the end of the DM Server installation you may receive a **Reboot Required** notice. Reboot the DM Server to complete the installation. If you cannot connect to user workstations after Release 6.0.4.617 is installed, verify that the **Server State** in DM Server Manager is **Started**.

After Installation

After installing Release 6.0.4.617, check the Services list to ensure the Hummingbird NFS Maestro Server service is set to log on as the same account that the Hummingbird DM Server service uses.

To check the Services list:

1. Highlight the **Hummingbird NFS Maestro Server** service and click **Properties**.
2. From the **Log On** tab, click **This account** and enter the correct account.

To modify or repair your DM Server installation at a later time:

1. Uninstall DM Server from **Control Panel>Add or Remove Programs**.
2. Using the DM 6.0.1 installation media, perform a **Modify** or **Repair**.
3. Reinstall DM Server 6.0.4.617.

DM Web Server

Pre-installation

DM Web Server 6.0.1 must be installed before Release 6.0.4.617 can be applied. The Release 6.0.4.617 installation program validates the licensing to determine which products are installed and installs files that need updating. If you have multiple Web Server instances installed for multilingual support, the 6.0.4.617 installation program updates all instances.

How to Install

On the DM Web Server being updated, from the service release browser, click **Install Products>DM Web Server**.

After Installation

- To update DM Extensions, run DM Extensions Server Setup after updating DM Web Server.
- If you have custom directories for your users or groups, copy the appropriate files from the \Cyberdocs\Backup directory to your custom directories after the release has been installed.

To modify or repair your DM Web Server 6.0.4.617 installation at a later time:

1. Uninstall DM Web Server 6.0.4 from **Control Panel>Add or Remove Programs**.
2. Using the DM 6.0.1 installation media, perform a **Modify** or **Repair**.
3. Reinstall DM Web Server 6.0.4.617.

DM Workflow Server

Pre-Installation

DM Workflow 6.0.1 must be installed before the service release can be applied.

How to Install

1. On the server being updated, from the service release browser, click **Install Products>DM Workflow Server**.
2. Apply DM Workflow Server updates.
3. Update the DM Workflow clients.

After Installation

If you need to modify or repair your DM Workflow Server installation at a later time:

1. Uninstall the DM Workflow Server from **Control Panel>Add or Remove Programs**.
2. Using the DM 6.0.1 installation media, perform a **Modify** or **Repair**.
3. Reinstall DM Workflow 6.0.4.617.

DM Extensions Server Setup

Pre-installation

DM Extensions Server Setup 6.0.1 must be installed before Release 6.0.4.617 can be applied.

How to Install

On the server being updated, from the service release browser, click **Install Products>DM Extensions Server Setup**.

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

Configuration Notes

Library Regeneration

All libraries should be updated with DM 6.0.4 or later, using the updated Library Generation utility located in the \Tools\DM Server directory. Changes that Library Generation will make are:

Introduced in Version	Description of Library Generation Change
DM 6.0.4	Change CALC_SECURITY stored procedure that is used to obtain security during a search against multiple documents. Impacts any search that also gets security. Required for all Libraries.
DM 6.0.4	Provide support for Library Generation with Oracle 10g.
DM 6.0.2	Change filter for lookup _DMFOLDERS to ITEM_TYPE=' F' Valid for customers using the Classified module.
DM 6.0.2	Correct a script file error when creating triggers for the Classification tables. Valid for new Government libraries on Oracle.

If you have already regenerated your libraries with DM 6.0.4, you should still copy the files below to your **\DM Server\Program** directory. Additional changes for the Add an External Library feature were incorporated in DM 6.0.4 CU1.

Copy the following files to the **Program Files\Hummingbird\DM Server\Program** directory from the **Program Files\Hummingbird\Enterprise 2005 6.0.4\Image 617\Tools\DM Server\Enu\program** directory:

- **addlib.exe**
- **docsrs32.dll**
- **tblcomp.exe**

If you are using the Classified Security Module, in addition to the files listed above, copy the **INDUSTRY.INI** file to the **Program Files\Hummingbird\DM Server\Program** directory from the **Program Files\Hummingbird\Enterprise 2005 6.0.4\Image 617\Tools\DM Server\Enu\program\csm** directory before running Library Generation.

Oracle

To create an Oracle ODBC connection, you must first establish an Oracle Local Net Service Name Configuration for the Oracle Server machine. This requires installation of the Oracle client and ODBC driver on the DM Server machine.

1. To install the client and ODBC driver, perform an Administration installation of the Oracle Client for 10g or 9.2. For Oracle 10g, you must have Oracle Universal Installer 10.1.0.2.0 or later installed in order to install the ODBC drivers.
2. Use one of the following ODBC drivers installed with the client software:
 - Oracle 10g: Driver 10.01.00.50
 - Oracle 9.2: Driver 9.2.0.6.5 or later

Support for Oracle 10g or later libraries requires Library Generation, as described above.

Importing DM e-Clips into Enterprise Webtop

Perform the following steps to import DM e-Clips into Enterprise Webtop for DM 6.0.4:

1. Log on to Enterprise Webtop as an administrator.
2. From **Administration**, select **Import**.
3. Browse for the file **DM6eClips.zip** (`..Program Files\Hummingbird\...\Tools\DM Web Server\eClips`).
4. Click **OK**.

Documentation Notes

Consult the [DM/RM 6.0.1 Documentation Updates](#) document for new or clarified documentation, including the following topics:

- Specifying the Maximum Number of Rows to Return for Lookup Values
- PEOPLEGROUPS SQL Query Documentation Correction
- Sorting Columns Documentation Correction

Fixed Issues

Following is a list of the issues fixed in DM and RM 6.0.4 CU6. For more information on an issue, go to the [Open Text Knowledge Center](#) and search on the issue's description or contact Technical Support and reference the Key number (such as DM-4124), which can be found at the beginning of the title.

DM Server and Administration Tools

[DM-4124] - DM Server Stops Unexpectedly

On the DM Server the following error message might appear:

```
“Runtime Error!  
Program d:\ProgramFiles\Hummingbird\DM Server\docsfusion.exe  
R6025  
-pure virtual function call”
```

The DM Server stops unexpectedly and client machines are denied access to DM.

[DM-8370] - Centera Pool Connections Do Not Close Properly

When you use Centera as a document server with DM, access violation entries might appear in the Event Log on the DM Server machine. Server .dmp files are created in conjunction with the access violations.

[DM-10359] - Fail Over Does Not Work Correctly

When you enable Fail Over, if the primary server fails, the client machines will fail over to the designated server(s); however, they might become slow and/or unresponsive.

[DM-10634] - Items Are Not Added to Folders Upon Creation

In DM Extensions, when you attempt to add or remove items from containers, the process might seem to complete properly; however, the items are not added or removed as expected.

[DM-10676] - Time Stamp Does Not Reflect Operating System's Time Zone

When you use a translated operating system with DM, the time stamp displayed in DM Extensions does not reflect the time zone of the operating system.

For example, when you save a new document to DM, the profile form reflects the current time for both the Creation and Last Edit time stamps. The database columns store the time in GMT. After you close the profile form and view the Recent Edits List in DM Extensions, the time appears in GMT and not the current time according to the machine's operating system.

[DM-11264] - "Application popup: Windows - Delayed Write Failed" Error Message Appears in Event Log

When you save a document, the following error might appear in the DM Server event logs:

"Severity: Critical Error

Status: New

Source: Application Popup

Name: Notify Event mrxsmb 50

Description: Application popup: Windows - Delayed Write Failed:

Windows was unable to save all the data for the file <\\docserver path\15@w901!.XLS>. The data has been lost. This error may be caused by a failure of your computer hardware or network connection. Please try to save this file elsewhere."

[DM-10774] - New LookupMaxLimit Registry Key Prevents Performance Issue

The **LookupMaxLimit** registry key allows you to limit the maximum number of rows to display in a lookup in order to prevent performance issues.

For example, if you set the **LookupMaxLimit** registry key value to 1,000 and the client (DM Extensions or DM Webtop) issues a lookup call, then the server checks the lookup's result count before it retrieves all of the records from the database. In this case, if there are more than 1,000 entries for a lookup, the server returns a warning message stating that the user must filter the search because the lookup maximum limit is exceeded.

This setting does not affect client-side cached lookups.

To implement this feature, you must add the **LookupMaxLimit** DWORD value to the following registry key on the DM server:

HKEY_LOCAL_MACHINE\SOFTWARE\Hummingbird\DOCSFusion\
Libraries

Enter a value of more than 0 for the **LookupMaxLimit** entry to enable this feature.

To create the LookupMaxLimit registry key:

1. Select **Start>Run**.
2. Type `regedit` in the **Open** field and then click **OK**.
3. The Registry Editor opens. Locate the following key:
HKEY_LOCAL_MACHINE\SOFTWARE\Hummingbird\DOCSFusion\
Libraries
4. Right-click **Libraries** and select **New>DWORD Value**.
5. Type `LookupMaxLimit` and press **ENTER**.
6. Double-click **LookupMaxLimit** and type a value more than 0; this value should correspond to the maximum number of lookup values you want to be returned.

DM Web Server

[DM-10720] - Slow Response Time in DM Webtop when Viewing Terms in RM File Plan Tree

In DM 6.0.4, when you expand a file plan that has multiple terms in DM Webtop, the results might be slow to appear. This issue does not occur in DM Extensions.

DM Extensions

[DM-6621] - Unable to Insert Multiple Native Documents in E-mail Message When Using Microsoft Word as the E-mail Editor

When you use Microsoft Word as the e-mail editor in Microsoft Outlook, and you insert a document from a network drive, you can select only one document. The CTRL and Shift keys do not work to select multiple documents.

[DM-10215] - Ability to Edit the NotesMailOutline Entry in Lotus Notes

The NotesMailOutline entry lock has been removed so you can edit its value at your discretion.

Dynamic Views

[DM-10777] - Dynamic Views Level Searches Do Not Refresh Properly in DM Extensions

When you access Dynamic Views in DM Extension for Microsoft Outlook, level searches are not refreshed when you select any nodes. For example, when you add documents to a matter, the documents do not appear until you manually refresh the system.

This issue does not occur in DM Extension for Windows Explorer; the level searches refresh properly.

Image Numbers

The following tables list the build numbers of the DM and RM 6.0.4.617 components:

DM Server

DM Server 6.0.4. 602

RM Server 6.0.4. 603

NFS Maestro Server DM 11.00.164.1102997

DM Administration Tools 6.0.4. 601

DM Web Server

DM Web Server 6.0.4.602

DM Web Administration Tools 6.0.4. 602

Collaboration Web Server 6.0.3.68

DM Workflow Web Server 6.0.4. 601

Imaging Web Server 6.0.4. 601

RM Web Server 6.0.4. 601

DM Workflow Server

DM Workflow Server 6.0.4. 601

DM Extensions Server Setup

DM Extensions Server Setup 6.0.4. 602

DM API 6.0.4. 602

NFS Maestro Solo DM 11.00.137.1103199

DM Extensions API 6.0.4. 606

Application Integration 6.0.4. 606

DM Dynamic Views 6.0.4. 606

Client Deployment Utility 6.0.4. 601

DM Extensions for Lotus Notes 6.0.4. 601

DM Viewer 6.0.4.00030

Collaboration Integration 6.0.3. 601

Workflow Client 6.0.4. 601

DM Extension for AutoCAD 6.0.4. 601

DM Extensions Server Setup

Imaging Client 6.0.4. 601

RM Client 6.0.4. 601

Addressable Folders 6.0.4. 601

RM Alert Mailer 6.0.4. 601

Files in this Release

Click [here](#) for a list of files included in the DM and RM 6.0.4.617 release.

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