

# Hummingbird Enterprise™ 2005

## DM and RM 6.0.4 Critical Update 5 Release Notes

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## General Information

The DM 6.0.1 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 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](#)

# Supported Environments

## Server Machines

	DM Server <sup>1</sup>	Document Server	DM Web Server <sup>2</sup>
<b>Processor</b>	<i>Dual Pentium 4, 1.9GHz or better<sup>3</sup></i>		<i>Dual Pentium 4, 1.9GHz or better<sup>3</sup></i>
<b>Memory</b>	<i>2 GB or greater (1 GB minimum)</i>		<i>2 GB or greater (1GB minimum)</i>
<b>Operating System</b>	<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>
<b>Database<sup>4</sup></b>	<i>Microsoft SQL Server 2005  Microsoft SQL Server 2000  Oracle 10g  Oracle 9i (9.2.0)</i>		
<b>Web Server</b>	<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

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<b>Processor</b>	<ul style="list-style-type: none"><li>• <i>Pentium III 600 or better (recommended)</i></li><li>• <i>Pentium III 500 (minimum)</i></li></ul>
<b>Memory</b>	<i>512 MB or greater (recommended), with 128 MB (minimum) available to DM.</i>
<b>Operating System</b>	<ul style="list-style-type: none"><li>• <i>Microsoft Windows XP</i></li><li>• <i>Microsoft Windows 2000</i></li><li>• <i>Citrix</i></li></ul>
<b>Web Browser</b>	<ul style="list-style-type: none"><li>• <i>Microsoft Internet Explorer 6.0 and 5.5</i></li><li>• <i>Mozilla Firefox 1.5</i></li></ul>

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### 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.

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# Installation Instructions

Before installing Release 6.0.4 CU5, review the [Configuration Notes](#) and the [Fixed Issues](#) sections for information that may be applicable to your DM implementation.

When you download the DM 6.0.4.528 service release, it is extracted by default to C:\Program Files\Hummingbird\Enterprise 2005 6.0.4\Image 528. You can change the installation path, if you want. When the download is finished, the Hummingbird Service Release Browser launches. You can download Release 6.0.4.528 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 6.0.4.528 updates to the DM API are installed with the DM Server and DM Extensions updates for Release 6.0.4.528.

## DM Server

### Pre-installation

DM Server 6.0.1 must be installed before Release 6.0.4.528 can be applied. The Release 6.0.4.528 installation program validates the licensing to determine which products are installed and installs files that need updating.

Before installing the DM Server 6.0.4.528 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 6.0.4.528 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 6.0.4.528 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 6.0.4.528 is installed, verify that the **Server State** in DM Server Manager is **Started**.

## After Installation

After installing Release 6.0.4.528, 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 6.0.4.528.

## DM Web Server

### Pre-installation

DM Web Server 6.0.1 must be installed before Release 6.0.4.528 can be applied. The Release 6.0.4.528 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 6.0.4.528 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 6.0.4.528 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 6.0.4.528.

## 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 6.0.4.528.

## DM Extensions Server Setup

### Pre-installation

DM Extensions Server Setup 6.0.1 must be installed before Release 6.0.4.528 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.

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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 Add an External Library 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 528\Tools\DM Server\Enu\program** directory:

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

If you are using the Classification 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 528\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.

NOTE: Although DM 6.0.4 CU4 supports library generation for an Oracle 10g Release 2 database, use of the 10g Release 2 client is not yet supported. We will provide support for this client as soon as possible. In the meantime, you should use the Oracle 10g client.

## 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

For information about <>, or for revisions to the documentation set, see [DM/RM 6.0.1 Documentation Updates](#).

## Fixed Issues

Following is a list of the issues fixed in DM and RM 6.0.4 CU4. For more information on an issue, go to the [Open Text Knowledge Center](#) and search on the issue's Solution ID (such as SD014924).

### DM Server and Administration Tools

SD034018 - DM Server - DOCSFusion Might Restart After Being Stopped Manually

SD035560 - DM Server - DOCSFusion Unable to conjure class ID:" Repeatedly Appears in Event Viewer Log File"

SD036245 - DM Extensions - SQL Error Message Appears When Executing Folder>Search Within If the "Enable Supplemental Markings" or "Enable Classification Security" Options Are Enabled"

SD037112 - Enhancement - DM Support for EMC Centera Pool Entry Authorization (.PEA Files)

SD038174 - DM Extension - User Can Export Secured Documents to Which They Have Insufficient Rights

SD038547 - DM - Centera Temporary Files Remain After Documents Are Moved

### DM Web Server

SD037170 - DM Webtop - Combo Box on Search Form Should Automatically Close When Advancing to the Next Field

SD037607 - DM Webtop - Users Without View Security Rights Can Open the Security Dialog Box on a Secured Document"

SD037674 - DM Webtop - Content of Read-Only Fields Assigned Profile Defaults Is Missing

SD037751 - DM Webtop - Ellipsis Buttons on the Document Profile Dialog Box Are Inoperative

SD038080 - DM Extensions - Unable to Edit a Validated Entry on a Document Profile Dialog Box

SD038187 - DM Webtop - Unable to Import a Document Directly to a Folder or Workspace

SD038395 - DM Webtop - Oracle - QUICKSTART.ASP Returns the Incorrect Version

## DM Extensions

SD021021 - DM Imaging - Document May Remain in a Checked-Out State After Closing the Document

SD035987 - DM Extensions - Nothing Happens When Executing a Search After a Search Has Been Executed on a Remote Library in the Current Session

SD036154 - DM Application Integration - Japanese - PowerPoint - "An Error occurred while inserting DM Footer" Error Message Appears When Inserting a DM Footer

SD036719 - DM Extensions - Folder Opens in a New Window Instead of in the Current Window

SD036762 - DM Extensions - Error Message Appears When Displaying a Document in the Viewer Add-Ons Pane

SD036820 - DM Application Integration - Word - Unexpected Behavior When Using the CTRL+O Shortcut to Open a Document

SD037238 - DM Extension for Microsoft Outlook - Outlook 2003 - Unable to Profile Natively Saved Messages

SD037708 - DM Extension for Microsoft Outlook - Outlook Terminates Unexpectedly When Searching from Within a DM Folder

SD037948 - DM Extensions - Unable to Use the ENTER Key to Add a User or Group to the Current Trustees List

SD037959 - DM Application Integration - Excel - Unable to Save a Document When a Text Box Is Active

SD038089 - DM Extension for Microsoft Outlook - Unexpected Behavior When Inserting a DM Document

SD038101 - DM Linking - Native Dialog Box Opens When Editing a DM Hyperlink in PowerPoint

SD038185 - DM Linking - Excel - Native Dialog Box Opens When Editing a DM Hyperlink in a Worksheet That Contains a Pivot Table

SD038232 - DM Application Integration - Word - Quick Retrieve Dialog Box Appears When Editing a Native Hyperlink

SD038233 - DM Application Integration - PowerPoint - Quick Retrieve Dialog Box Appears When Editing a Native Hyperlink

## RM

SD037415 - RM Extensions - Unable to Create a File When the Create File Part" Right Is Denied"

SD037785 - RM Extensions - Unable to Return Multiple Borrowed Items at the Same Time

SD037877 - RM Extensions - Inconsistent Wording of the Options to Set and Remove the Vital Status of a Record

SD038262 - RM Extensions - Frequency of Vital Review Lifecycle Phase Changes to Immediately

SD038292 - RM Extensions - Inheritance Issue with Functional Security When Creating a Lifecycle

SD038443 - RM Admin - Error Message Appears When Using the PurgeLog Function

SD038457 - RM Admin - Error Message Appears When Running a Census

## DM Workflow

SD037428 - DM Workflow - Menu and Toolbars Missing and Performance Issues Occur After Installing DM Workflow

## Image Numbers

The following tables list the build numbers of the DM and RM 6.0.4.528 components:

<b>DM Server</b>	
DM Server	6.0.4. 515
RM Server	6.0.4. 517
NFS Maestro Server DM	11.00.164.1102694
DM Administration Tools	6.0.4. 501

  

<b>DM Web Server</b>	
DM Web Server	6.0.4.505
DM Web Administration Tools	6.0.4. 505
Collaboration Web Server	6.0.3.68
DM Workflow Web Server	6.0.4. 501
Imaging Web Server	6.0.4. 508
RM Web Server	6.0.4. 501

  

<b>DM Workflow Server</b>	
DM Workflow Server	6.0.4. 502

  

<b>DM Extensions Server Setup</b>	
DM Extensions Server Setup	6.0.4. 505
DM API	6.0.4. 514
NFS Maestro Solo DM	11.00.137.1102694
DM Extensions API	6.0.4. 513

### DM Extensions Server Setup

Application Integration	6.0.4. 514
DM Dynamic Views	6.0.4. 514
Client Deployment Utility	6.0.4. 501
DM Extensions for Lotus Notes	6.0.4. 501
DM Viewer	6.0.4.00030
Collaboration Integration	6.0.3.67
Workflow Client	6.0.4.502
DM Extension for AutoCAD	6.0.4.501
Imaging Client	6.0.4.508
RM Client	6.0.4.503
Addressable Folders	6.0.4.501
RM Alert Mailer	6.0.4.35

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## Files in this Release

Click [here](#) for a list of files included in the DM and RM 6.0.4.528 release.

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