

EMC[®] Documentum[®] D2

Version 4.0

Release Notes

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Preface

Revision history

The following revisions have been made to this document:

Date	Description
August 2012	Updated the Oracle WebLogic Server versions in the <i>System Requirements</i> chapter.
June 2012	Initial publication

Overview

Documentum D2 is a web-based application that enables users to store, retrieve, and manage documents in a Documentum repository. It is highly customizable through a configuration application that does not require programming knowledge.

Documentum D2 consists of the following components:

- **D2 Configuration:** The configuration application that enables you to configure settings for security, workflows, document classification, and the client user interface.
- **D2 Client:** The main application that is used to interact with documents in the repository.
- **D2 Plug-ins:** [Plug-in compatibility, page 10](#) provides a list of supported plug-ins.

Document overview and introduction

These documents comprise the documentation set for this release of the product:

- *EMC Documentum D2 Version 4.0 Release Notes* (this document)
This document contains information specific to this release of the product, including any last-minute updates that are not included in the main documentation.
- *EMC Documentum D2 Version 4.0 Installation Guide*
This document contains information about installing the product and configuring it for first use.
- *EMC Documentum D2 Premium 4.0 Administration Guide*
This document contains instructions for using D2 Configuration.
- *EMC Documentum D2 Version 4.0 User Guide*
This document contains instructions for using D2 Client.
- *D2 4.0 Performance White Paper*
This document provides an architecture overview, addresses performance and scalability, and contains guidelines for capacity sizing.
- *D2 4.0 Performance Best Practices and Guidelines*
This document summarizes performance best practices.

Resources

This product is available as an FTP download from the EMC Online Support site (<https://support.emc.com>). You should have received instructions through email regarding how to download products.

For a limited time, this product is also available as an FTP download from the Powerlink website (<http://powerlink.EMC.com>). You should have received instructions through email regarding how to download products. The Powerlink website (<http://powerlink.EMC.com>) provides access to <https://EMC.subscribenet.com/control/dctm/index>, which provides a complete listing of the products available for download.

Your input matters

Your opinion matters. We want to hear from you regarding our product documentation. If you have feedback about how we can make our documentation better or easier to use, please send us your feedback directly at IIGDocumentationFeedback@emc.com.

Features and Updates

This release includes various new features and improvements. This section describes the major enhancements. Refer to the product documentation for complete information about these features.

[Changes to D2 Client architecture, page 9](#)

[Supported languages, page 9](#)

[Plug-in compatibility, page 10](#)

Changes to D2 Client architecture

Changes have been made to the architecture of D2 Client, resulting in the following alterations to the client environment requirements:

- D2 Client now has cross-browser support. For this reason, ActiveX control has been replaced.
- BOCS is supported by way of the D2-BOCS plugin.
- UCF client-based content transfer is no longer supported. Straight HTTP between the applet and D2FS is used. If the system runs D2-BOCS, straight HTTP to the D2-BOCS plugin on the BOCS server is used.
- JRE is now required on client environments. [Chapter 3, System Requirements](#) provides a list of supported JRE versions.

Supported languages

In addition to English, D2 Client is available in the following languages. The following table lists the language environments in which the application can run:

Language	Compatible Operating System Languages for Client Software (D2 Client and Web Browsers)	Compatible Operating System Languages for Server Software (Documentum Content Server, Documentum Foundation Classes, Database, and Application Servers)
Chinese - Simplified	<ul style="list-style-type: none">• Chinese - Simplified	<ul style="list-style-type: none">• English• Chinese - Simplified
Dutch	<ul style="list-style-type: none">• Dutch	<ul style="list-style-type: none">• English
French	<ul style="list-style-type: none">• French	<ul style="list-style-type: none">• English
German	<ul style="list-style-type: none">• German	<ul style="list-style-type: none">• English
Italian	<ul style="list-style-type: none">• Italian	<ul style="list-style-type: none">• English
Spanish	<ul style="list-style-type: none">• Spanish	<ul style="list-style-type: none">• English
Portuguese (Brazil)	<ul style="list-style-type: none">• Portuguese (Brazil)	<ul style="list-style-type: none">• English
Japanese	<ul style="list-style-type: none">• Japanese	<ul style="list-style-type: none">• English• Japanese

Note: The browser language setting on your browser determines the language that appears on the Login dialog box.

Set the language to pt-BR for Brazilian Portuguese. Setting the browser language to pt makes the User Interface appear in English but the Help appears in Portuguese.

Plug-in compatibility

Documentum D2 4.0 is compatible with the following plugins:

- RPS – supports Retention Policy Services on the server. Available with purchase of RPS.
- D2 BOCS – supports Branch Office Caching Services (BOCS). Available with purchase of BOCS.
- O2 – supports office metadata integration. Available with PlusPack.
- C2 – supports PDF integration. Available with PlusPack.

System Requirements

This chapter describes environment and system requirements for the product at the time of the release. There may be new certifications added after this initial release. Check the EMC Online Support site for updates made to this document between releases.

Web Application Server System Requirements

This section describes the requirements for the application server.

General Hardware Requirements

This section lists the hardware requirements for the web application server.

Item	Requirement
Disk space	600 MB for one application 1 GB for two applications Note: You must also have sufficient free disk space to handle temporary content transfer files, which can vary substantially from one enterprise to another.

Other hardware requirements are dependent upon the software requirements in the following sections.

Documentum Requirements

This section lists the Documentum platform and application software that is compatible with Documentum D2 to function.

Note: The following products can coexist with Documentum D2 on the same repository, but they are not developed to interoperate with Documentum D2: Documentum Information Rights Management (IRM), Documentum Records Management (RM), Documentum Webtop, and Documentum xCelerated Composition Platform (xCP) 1.x

Applications marked as required are necessary for Documentum D2 to function. Applications that are not marked as required work with Documentum D2 but are not required for basic functionality. Some of them might be required in order to use specific features.

Item	Required?	Compatible Releases
Documentum Content Server	Yes	One of the following: <ul style="list-style-type: none">• 6.6• 6.7• 6.7 service packs
Documentum Foundation Classes (DFC)	Yes	One of the following: <ul style="list-style-type: none">• 6.6• 6.7• 6.7 service packs
Documentum Foundation Services Software Development Kit (DFS SDK)	Yes	One of the following: <ul style="list-style-type: none">• 6.6• 6.7• 6.7 service packs
Documentum Process Engine	No	Process Engine is part of Documentum Content Server. There is limited support for Process Engine in D2. You can use the capabilities that are equivalent to those found in Documentum Workflow Manager. Other features of Process Engine are not supported.
Documentum Branch Office Caching Services (BOCS)	No	One of the following: <ul style="list-style-type: none">• 6.6• 6.7• 6.7 service packs
Documentum Composer	Yes	One of the following: <ul style="list-style-type: none">• 6.6• 6.7• 6.7 service packs

Item	Required?	Compatible Releases
Documentum High Volume Server	No	One of the following: <ul style="list-style-type: none"> • 6.6 • 6.7 • 6.7 service packs
Documentum Retention Policy Services (RPS)	No	One of the following: <ul style="list-style-type: none"> • 6.6 • 6.7 • 6.7 service packs
Documentum Transformation Services/Advanced Documentum Transformation Services	No	One of the following: <ul style="list-style-type: none"> • 6.6 • 6.7 • 6.7 service packs
Documentum xPlore	No	1.2

Compatible Web Application Server Environments

The following table shows the system configurations that are known to be compatible with the web application server.

Note: The web application server environment also requires Oracle Java Runtime Environment (JRE) 6.0 Update 29.

Operating System	Processor	Apache Tomcat	VMware vFabric tcServer	Oracle WebLogic Server	IBM WebSphere Application Server	Red Hat JBoss EAP
Microsoft Windows Server 2008 with Service Pack 2 (32-bit version)	IA-32 x64	<ul style="list-style-type: none"> • 7.0.21 	<ul style="list-style-type: none"> • 2.6.1 	<ul style="list-style-type: none"> • 11g (10.3 .5) • 12c R1 (12.1.1) 	<ul style="list-style-type: none"> • V7.0 FixPack 19 (7.0.0 .19) 	<ul style="list-style-type: none"> • 5.1.1

Operating System	Processor	Apache Tomcat	VMware vFabric tcServer	Oracle WebLogic Server	IBM WebSphere Application Server	Red Hat JBoss EAP
Microsoft Windows Server 2008 with Service Pack 2 (64-bit version)	x64	<ul style="list-style-type: none"> 7.0.21 	<ul style="list-style-type: none"> 2.6.1 	<ul style="list-style-type: none"> 11g (10.3 .5) 12c R1 (12.1.1) 	<ul style="list-style-type: none"> V7.0 FixPack 19 (7.0.0 .19) 	<ul style="list-style-type: none"> 5.1.1
Microsoft Windows Server 2008 R2 with Service Pack 1 (x64 Edition)	x64 [5]	<ul style="list-style-type: none"> 7.0.21 	<ul style="list-style-type: none"> 2.6.1 	<ul style="list-style-type: none"> 11g (10.3 .5) 12c R1 (12.1.1) 	<ul style="list-style-type: none"> V7.0 FixPack 19 (7.0.0 .19) 	<ul style="list-style-type: none"> 5.1.1
IBM AIX V6.1 TL6	Power [5]	<ul style="list-style-type: none"> 7.0.21 		<ul style="list-style-type: none"> 11g (10.3 .5) 12c R1 (12.1.1) 	<ul style="list-style-type: none"> V7.0 FixPack 19 (7.0.0 .19) 	
IBM AIX V7.1 TL0	Power [5]	<ul style="list-style-type: none"> 7.0.21 		<ul style="list-style-type: none"> 11g (10.3 .5) 12c R1 (12.1.1) 	<ul style="list-style-type: none"> V7.0 FixPack 19 (7.0.0 .19) 	
HP-UX 11i v3 Update 8 (B.11.31)	PA-RISC 2.0 [5]	<ul style="list-style-type: none"> 7.0.21 		<ul style="list-style-type: none"> 11g (10.3 .5) 12c R1 (12.1.1) 		
HP-UX 11i v3 Update 8 (B.11.31)	Itanium 2 [5]	<ul style="list-style-type: none"> 7.0.21 		<ul style="list-style-type: none"> 11g (10.3 .5) 12c R1 (12.1.1) 	<ul style="list-style-type: none"> V7.0 FixPack 19 (7.0.0 .19) 	
Red Hat Enterprise Linux 6.1	IA-32 x64	<ul style="list-style-type: none"> 7.0.21 	<ul style="list-style-type: none"> 2.6.1 	<ul style="list-style-type: none"> 11g (10.3 .5) 12c R1 (12.1.1) 	<ul style="list-style-type: none"> V7.0 FixPack 19 (7.0.0 .19) 	<ul style="list-style-type: none"> 5.1.1

Operating System	Processor	Apache Tomcat	VMware vFabric tcServer	Oracle WebLogic Server	IBM WebSphere Application Server	Red Hat JBoss EAP
Red Hat Enterprise Linux 6.1	x64 [5]	• 7.0.21	• 2.6.1	• 11g (10.3 .5) • 12c R1 (12.1.1)	• V7.0 FixPack 19 (7.0.0 .19)	• 5.1.1
SUSE Linux Enterprise Server 11 SP1	IA-32 x64	• 7.0.21	• 2.6.1	• 11g (10.3 .5) • 12c R1 (12.1.1)	• V7.0 FixPack 19 (7.0.0 .19)	• 5.1.1
SUSE Linux Enterprise Server 11 SP1	x64 [5]	• 7.0.21	• 2.6.1	• 11g (10.3 .5) • 12c R1 (12.1.1)	• V7.0 FixPack 19 (7.0.0 .19)	• 5.1.1

[5] Supports 64-bit version of operating system in native mode.

Authentication Software Compatibility

The web application server can use the following authentication protocols:

- **Kerberos:** Requires Kerberos V5 1.6.3.
- **NTLM:** Uses Microsoft Active Directory (built into Windows).

To enable this authentication system, the server must have Microsoft Active Directory, and the Client must have Microsoft Windows 2003, XP, Vista, or 7 and Internet Explorer 7 or later.

D2 Configuration and D2 Client System Requirements

This section describes the requirements for the administrative and client systems.

Item	Requirement
<p>Operating system</p> <p>Note: The list of supported operating systems might be further restricted by the web browser being used. Check the web browser documentation for information about the operating systems that it supports.</p>	<p>One of the following:</p> <ul style="list-style-type: none"> • Microsoft Windows 7 Professional, Enterprise, or Ultimate Edition 32-bit or 64-bit Service Pack 1 • Microsoft Windows XP Professional Edition 32-bit Service Pack 3 • Mac OS X 10.7.1 64-bit
Microsoft XML Core Services (MSXML)	MSXML 4.0 Service Pack 3
<p>Web browser</p> <p>Note: The following combination is not supported:</p> <ul style="list-style-type: none"> • Safari 4.0.5 • MAC OS 10.6/10.7 • Java for MAC 10.6 and 10.7 update 8 	<p>One of the following:</p> <ul style="list-style-type: none"> • Microsoft Internet Explorer 9.0 (32-bit, 64-bit) The following browser builds were tested: — 9.0.8112.16421 (for Windows 7) • Microsoft Internet Explorer 8.0 (32-bit) The following browser builds were tested: — 8.00.6001.18702 (for Windows XP) — 8.00.7000.00000 (for Windows 7) <p>Note: You must use the 32-bit version of Internet Explorer even if you are running a 64-bit operating system.</p> <ul style="list-style-type: none"> • Firefox 7 • Firefox 10.0

Item	Requirement
	<p>The following browser builds were tested:</p> <ul style="list-style-type: none"> — 10.0.2 <ul style="list-style-type: none"> • Safari 4.0 <p>The following browser builds were tested:</p> <ul style="list-style-type: none"> — 4.0.5 <ul style="list-style-type: none"> • Safari 5.1 <p>The following browser builds were tested:</p> <ul style="list-style-type: none"> — 5.1.2 <ul style="list-style-type: none"> • Google Chrome
Java	<p>One of the following:</p> <ul style="list-style-type: none"> • Oracle Java Runtime Environment (JRE) 6.0 Update 31 • Oracle Java Runtime Environment (JRE) 7.0 Update 3
Microsoft Office application compatibility	<ul style="list-style-type: none"> • Microsoft Office 2007 • Microsoft Office 2010

Supported virtualization environments

This section describes operating environments compatible with D2.

Product	Operating System	Processor	Supported Product
VMware Server	Windows & Linux (See VMware website for the specific supported version)	x86	All products
VMware Workstation	Windows & Linux (See VMware website for the specific supported version)	x86	All products

Product	Operating System	Processor	Supported Product
VMware ESX Server	N/A	x86	All products
Vmware vSphere 4.1	Windows & Linux (See VMware website for the specific supported version)	x86	Content Server

Installation and Upgrade

The instructions for installing the product are provided in the *EMC Documentum D2 Version 4.0 Installation Guide*. To upgrade D2, install the new D2 version over the old one.

Ensure that your system meets the requirements listed in [Chapter 3, System Requirements](#) before installing the software.

Known Issues

This section identifies problems and limitations that may affect your use of the product.

Installation and upgrade

Issue	Description
DTWO-243, DTWO-1913	If you have a workflow template created in Workflow Manager that needs to be compatible with Workflow Manager and D2.3.0 workflow preview, use Documentum Application Installer to deploy the workflow to a repository. Do not use Composer to deploy the workflow because Composer overwrites the graphical layout information to the dm_process object content file. This issue prevents you from opening the workflow with D2 or Workflow Manager. However, you can still execute the workflow.

Server

Issue	Description
DTWO-276	D2 Configuration and D2 Client do not support Web Application clustering.

Client

Issue	Description
DTWO-384	You cannot compare two versions of a file if the file name contains characters not in the current operating system character set, or code page. For example, on an English operating system in its default configuration, comparing two versions of a file named with Chinese characters results in an error that could cause D2 Client to close.

Issue	Description
DTWO-401	The system does not distinguish between workflows with the same name.
DTWO-760	The system does not export files 0 KB in size.
DTWO-929	The system does not render C2 configured watermarks in PDF documents that use non Latin1/Western Euro characters.
DTWO-933	Do not use D2 to create too many objects within a folder or cabinet. Server-side paging is not implemented which means that the system experiences performance overhead when you navigate to a folder that contains many objects. For example, system performance slows when you open a folder that contains 2,000 objects.
DTWO-1479	O2 only supports the PowerPoint format (.ppt) used with Office 97–2003. O2 does not support the .pptx format used with Office 2007 and higher.
DTWO-1498	Do not use D2 to delete a large number of objects, for example, a folder that contains hundreds of sub-folders. Use Documentum Administrator to delete a large number of objects. Using D2 to delete a large number of objects cause performance issues.
DTWO-1514	Do not use D2 to transfer a large file over a wide area network (WAN). For example, do not upload or download a 300 MB file over a network where latency is longer than 200 ms and bandwidth is less than 2 Mbps. This is an issue because client-side compression is not implemented. Use Documentum Branch Office Caching Services (BOCS) to transfer large files over a WAN.
DTWO-1571	Relations created in WebTop do not display in the Relations widget.
DTWO-1574	You cannot save the properties of an empty Excel file when O2 is configured.
DTWO-1576	If multiple tabs are open in Internet Explorer when you search in the multisearch panel, the number of results retrieved equals the number of tabs open.
DTWO-1591	The system applies a security template to new documents only, not to existing documents. This means that there are no changes to the permissions of the existing documents. If you want to change permissions on an existing document, use Documentum Administrator to run the D2JobCoreMethod job.
DTWO-1628	When the description field in the workspace gallery contains an apostrophe, the system truncates the tooltip after the apostrophe.
DTWO-1642	The system incorrectly flags as invalid Property page drop down lists populated by a taxonomy. Values are still valid and the workaround is to re-select the appropriate value.
DTWO-1663, DTWO-1689	You cannot resume creating or importing content when validation fails. You can only cancel the process and try importing or creating the content again.

Issue	Description
DTWO-1883	The system does not validate that the Description field is complete when you check in a document.
DTWO-1938, DTWO-1940	When you close the PDF reader, the system does not delete the document from the checked out location.
DTWO-2002	The repository browser widget does not refresh when you delete a folder that contains a checked out document. Click the folder to refresh the repository browser widget.
DTWO-2055	The system does not refresh a widget after you customize a column. You must log out and log in to see the changes.
DTWO-2058	You cannot change the value selected in a combo field configured to populate by taxonomy and loaded asynchronously. As a workaround, select the blank combo field value to see the values.
DTWO-2061	The system does not display activity names in the workflow task list of the Workflow Workspace. As a workaround, click the tasks node to refresh the list.
DTWO-2094	The system cannot import Microsoft Word documents with special characters in the file names (for example, \$, #, %). This is an issue only when you install D2 on WebSphere Application Server 7.0.0.19.
DTWO-2099	D2 is not interoperable with Information Rights Management (IRM). When you import content into a folder with an IRM profile, the system imports the content into your home cabinet.
DTWO-2125	The system disables the New > Folder option after you create or import content to the List or Thumbnail view widget. This issue occurs because the created or imported content remains selected and cannot be deselected. As a workaround, refresh the view.
DTWO-2128	The D2 Config and the D2 Client Help > About window erroneously shows Build 018 as the DocApp version and correctly shows Build 019 for all other components. The DocApp version for this release is Build 019.
DTWO-2159	The system generates an error when you check out a file if you do have the compatible application installed on your system. For example, the system generates an error when you check out a Microsoft Word document if you do not have Microsoft Office installed.
DTWO-2162	The system continues to show the D2 Downloader screen when the BOCS server is down and you edit a document as you create it. The system downloads the file but does not show the Creation profile window.
DTWO-2165	The system generates an error when you check out or view a document with no content.
DTWO-2168	When you check out a document and then delete multiple documents, the system does not delete documents listed below the checked out document. The system should delete all documents except the checked out document.

Issue	Description
DTWO-2171	The system generates an error when you display a document with an associated C2 configuration without a PDF rendition.
DTWO-2194	The D2 User Guide Help does not open in Google Chrome.
DTWO-2205	<p>When you create a property page that only contains the object_name attribute, the system does not populate the document name when you import a document.</p> <p>As a workaround, add another attribute to the property page before you import a document.</p>
DTWO-2211	<p>C2 generates an error when you view a PDF rendition of a Microsoft Word document in an environment where Content Transformation Services (CTS) is configured.</p> <p>As a workaround, configure CTS to generate PDF 1.4 files.</p>
DTWO-2223	The D2 4.0 Administration Guide contains screenshots showing the term "X3" in the menu. The menu on the D2 4.0 user screen correctly identifies this option as D2 Client.
DTWO-2235	The system does not show an error message when a user without access rights to a task attachment logs in and accesses a DRL created using the task attachment.
DTWO-2237	The system incorrectly shows HTML tags for a property in the List widget when you use rich text editor tools for a rich text control added to the properties page.
DTWO-2239	The system does not save content added to documents in individual and/or linked retained folders during the creation process. The system creates the content and the document inherits the retained policy, but it does not save content updated when it is created.

Localization

Issue	Description
DTWO-23	Documentum Foundation Classes (DFC) error messages are not localized.

3rd party limitations

Issue	Description
DTWO-820	Google Chrome version 18.0.1025.142 issues an error message when you log in to D2 client. As a workaround, use Google Chrome version 18.0.1025.152.

Issue	Description
DTWO-1063	You cannot use D2 client to edit a Microsoft Excel file with a name longer than 255 characters.
DTWO-1260	<p>Tooltips appear in English in the following dialog boxes:</p> <ul style="list-style-type: none">• Customize your column preferences• List Assistance• Pagination icons