

EMC[®] Documentum[®]

Webtop

Version 6.5 SP3

Release Notes

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Table of Contents

Chapter 1	Product Description	21
	Documentum Webtop	21
	Documentum Application Connectors	21
	Section 508 Compliance	22
Chapter 2	New Features and Changes	23
	New features and changes for 6.5 SP3	23
	New features and changes for 6.5 SP2	23
	Webtop 6.5 SP2	23
	Convert Desktop DRLs to Webtop URLs	23
	Deep folder export provides "always" and "never" options for overwriting files	24
	New features and changes for 6.5 SP1	24
	Webtop 6.5 SP1	24
	Name change—Webtop Extended Search is changed to Webtop Federated Search	24
	Configuring JRE using UCF	25
	UCF Support to NTLM authentication (137831)	25
	EMCMF support	25
	Mac support for BOCS Server	26
	Application Connectors 6.5 SP1	26
	Support for Citrix 4.5 Environments	26
	Cancel during Save As	26
	Edit of Search Results	26
	Coexistence with Information Rights Management (IRM)	27
	New features and changes for 6.5	27
	Webtop 6.5	27
	Email conversion to EMCMF format	28
	Page refresh enhancements	31
	Multi-select drag and drop	32
	HTTP or UCF choice enhancement	32
	Deep export	32
	Modal dialogs	33
	UCF performance improvements in Webtop	34
	Content transfer dialog	35
	Support for Lightweight System Objects (LwSOs)	35
	Native 64-bit support	35
	IPv6 support	35
	Documentum Collaborative Services (DCS) 6.5	36
	User experience improvements	36
	Web Services and additional APIs	37
	Transition to DAR and lightweight system object	38
	Application Connectors 6.5	38
	Save As usability improvements	38
	Custom Documentum menu label in dialog frames	39

Chapter 3	Fixed Problems	41
	Fixed problems.....	42
	Unable to import .msg files in the EMC MF format (DC-24).....	42
	When the primary server stops responding users are unable to perform operations in Webtop (WEBTOP-9604)	42
	When you perform a full text search, Webtop performance slows down considerably (WEBTOP-8696)	42
	Unable to specify properties for linked documents while importing the parent document (WEBTOP-7962).....	43
	Unable to view the selected inbox while working with multiple repositories and inboxes (WEBTOP-8918).....	43
	Content specified in the User comments field is not reflected in the Description field (WEBTOP-7996).....	43
	When you check out virtual documents a warning message is displayed and a read-only version of the document is checked out (WEBTOP-8666)	43
	Unable to delete the link to a document and an error occurs (WEBTOP-6022)	43
	Data in numeric columns is sorted incorrectly (DCS-72)	44
	An error occurs when Webtop users with the Version permission create a document (161635/WEBTOP-3945, WEBTOP-7159)	44
	Missing MAXLENGTH support for string type of attributes (WEBTOP-4521)	44
	An exception occurs when you set a repeating attribute for a custom field of an object (170393/WEBTOP-2473).....	45
	Time out occurs while performing a second request for content using a DRL or weblink (164691)	45
	Deep export of a folder does not allow always and never to overwrite existing files (167447/WEBTOP-2726)	45
	WDK-based application displays a time-out error if you belong to a larger number of groups (169501/WEBTOP-1257, WEBTOP-7356).....	45
	Failed to convert the receive date java.text.ParseException: Unparseable date: "2008-12-02T18:32:29" (170760/WEBTOP-2496, WEBTOP-7262).....	46
	Mandatory user configuration on Firefox 3 for Webtop to display the absolute path of the file (170582/WEBTOP-2482, WEBTOP-7264)	46
	Cannot set state on datagrid controls (145191/WDK-262).....	46
	An error occurs if the preference repository is unavailable when the application server is starting up (170670/WEBTOP-6100, WEBTOP-6813).....	46
	An error occurs when the folder creation operation is terminated abruptly (WEBTOP-6280).....	46
	An error occurs when a Workflow task is forwarded (WEBTOP-6286).....	47
	The 404 error message is displayed when you click the Help icon (WEBTOP-6547)	47
	Webtop allows you to perform the Move Here operation on an attachment copied from an email message (WEBTOP-7510).....	47
	Columns are not sorted properly in Workflow reports (WEBTOP-6341, WEBTOP-6674).....	47
	The "Edit successful" message appears after an error message indicates that the local copy of the file that is checked out is not available (WEBTOP-6877)	47
	An additional error message is displayed when you try to check out a file that you have already checked out on a different machine (WEBTOP-6878, WEBTOP-5965).....	48
	JAWS is unable to read the identifiers of some tabs while creating new objects (WEBTOP-3726)	48

An error occurs when you add a child document to a subscribed virtual document in the Virtual Document Manager (WEBTOP-4826)	48
The descendant XML file is not checked out into the Checkout folder when the XML virtual document is checked out (WEBTOP-5896)	48
An error occurs when a keyword in a document is edited simultaneously (WDK-566)	48
Changes made in a parent XML file are lost and versioning fails when only the root file is checked in (WEBTOP-5903)	49
Performance is impacted when you sort a folder containing a large volume of subfolders and files and non-standard display columns (WEBTOP-5942)	49
Webtop application is vulnerable to SQL injection attack (WEBTOP-2666, WEBTOP-5951)	49
Custom attribute values are truncated when they are saved if the values contain the single quotation mark (') character (WEBTOP-6002)	49
When multiple files are checked in by selecting the "None" format, only the last file is checked in (WEBTOP-6027)	49
An error occurs when you view search results from federated multiple repositories (WEBTOP-6077)	50
Unable to drag and drop files from the local machine into Webtop (WDK-1585, WEBTOP-6088, WDK-1799)	50
Lotus Notes and Documentum Webtop stop responding when a document is dragged and dropped from Webtop into Lotus Notes (WEBTOP-6091)	50
Unable to import a document by dragging and dropping it into Webtop if the document name contains a semicolon (WEBTOP-6140)	50
Unable to import multiple msg files as a specific custom type (163339, 164694, 164964/WEBTOP-6184, WEBTOP-6767)	50
Unable to view a checked in document in the Read Only mode (WEBTOP-6252)	51
Junk characters are displayed in emcmf files imported as Hebrew or Arabic msg files and converted to emcmf format (WEBTOP-6490)	51
An error occurs when you click a column containing repeating integers to sort the results list (157920/WDK-1587)	51
An exception occurs while downloading files from Webtop and DAM (WDK-1592)	51
UCF error occurs when you log in to Webtop with SSO while the resident UCF invoker is enabled (WEBTOP-6397)	51
Dragging and dropping a file from Webtop into an application copies a zero-byte file (WEBTOP-5940, WDK-1617, WDK-1780)	52
Importing an email message fails for Arabic regional setting (170760/WEBTOP-2496)	52
If two different users select an attribute that has a value list on the Advanced Search page, the second user gets an exception (168811/WEBTOP-1224)	52
Importing a .msg file with a different object name and a different subject name results in the subject name becomes the object name after import (160296/WEBTOP-4835, WEBTOP-7074)	52
Import of an XML document using the DCTM Tech Pubs XML application fails (DC-55)	52
Sorting fails when search results are sorted based on a new column that is added after the search operation is performed (WEBTOP-4457)	53
Presets scoped to a folder are not applied to its subfolders (WDK-1599, WDK-1788)	53
The left panel is not refreshed when folders are moved across the left and right panels or within the left panel (WEBTOP-4696)	53
Drag and drop of files from or to the My Files node is not supported (WEBTOP-2026, WEBTOP-7298)	53

Items selected in the list view are not unselected when you click outside the list view interface (WEBTOP-4945)	54
Users are allowed to perform the right-click operation in the browser tree of the Webtop interface (WEBTOP-6057)	54
WebLogic: XML files lose reference to external entities (132735/DC-1228, DC-2064)	54
UCF open threads can lead to server crash (115127/WEBTOP-4597, WEBTOP-7100, 133197/DC-1229, DC-2062, DC-2063)	54
No restore button on preferences page (138410)	54
Name of new group added to calendar event attendees list replaces existing groups (138470).....	55
Unable to remove users from calendar event attendee list (138472)	55
Changing the items-per-page setting can turn off pagination (139122).....	55
Data table number field rejects some content (139179)	55
Start with another preset on wrong tab (139411)	55
Need to click twice to add files for import (139591)	55
The Save To Repository option is not available when right clicking on an external search result (139781/WEBTOP-170, 134651)	56
When secondary link to a calendar event is deleted, prompt to delete the link only or the event and all links is not displayed (141185).....	56
Member picker displays 0000000000000000 if row saved with no member chosen (141416)	56
Object ID is labeled as r_object_id (142516, 142771/CS-8111, CS-10070)	56
Custom attributes not displayed in search results unless configured as visible (143408).....	56
Create Room role is not enough to copy room with local groups (143686)	57
Member displays as ID instead of name after editing member field in data table (143761)	57
Disabled links do not display as disabled (145229)	57
Creating a note causes error unless application server is restarted after installing DCE DocApp (149678).....	57
Creating a note in a room or creating a room with a banner graphic results in an error (149769)	57
After changing the entry node in Webtop, the browser tree displays a strange node (159616).....	58
Help page does not get displayed for Properties page (159710)	58
Help page is not working in the export contents to CSV (160091)	58
Search operation on a full text enabled repository fails when the full name of the document to be searched is not entered for the search criteria (160675).....	58
Changes made to the option for the Section to start in to Webtop Preferences, redirects to the same page as before after re logging (161369/WEBTOP-5547, WEBTOP-6995).....	58
Export operation of folder containing EMCMF format file with : fails (161370)	59
Parsing an email message body that contains rich text content with embedded images throws an error (161420).....	59
When you add to the clipboard and copy an EMCMF format file to a different location or same location fails but does not fail if the EMCMF format file has an attachment then that attachment folder gets copied (161507).....	59
Data loss while canceling the Save As operation (163107)	59
Unable to attach a lifecycle to an EMCMF file (163753)	59
Error while importing an email message with .jpeg, .bmp and .pdf attachments (163853).....	60
Webtop displays Cabinet contents when you try to view EMCMF file format in thumbnail view (164357)	60
Unable to create a document of dm_message_archive type (164381).....	60

Trying to delete an EMC MF format file which contains an attachment that in turn contains an attachment pops up an error (164492)	60
Drag and Drop of EMC MF file to .msg format fails (164652)	60
The ucf session wait timeout occurs when you perform a second request for viewing content using a DRL or Web-link (164691/WEBTOP-6322)	61
Unable to open the attachment in a folder attached to a Task (165474)	61
In Web Workflow Manager, clicking Help on the Select Alias Set Dialog results in an error (132064/WEBTOP-2090).....	61
Unable to change the checkout location preference in Webtop (171066/WEBTOP-2538)	61
Documentum menu continues to appear after uninstalling Documentum Application Connectors (169961/DAC-266, DAC-497)	62
The scope location configuration defined as a preset for the new folder is not used while creating a folder (DAC-488)	62
Backward Compatibility of Documentum Application Connectors (159474)	62
Unable to install Documentum Application Connectors (DAC) using msixexec command (165024)	62
Do you want to overwrite the already existing files dialog appears while viewing the EMC MF format message from the repository for the second time (165102/DAC-368).....	63
Fixed limitations specific to version 6	63
Cookie error on switching between 5.3.x and version 6 applications (136509)	63
Insufficient memory allocation errors (144882).....	63
WebSphere: Forms cannot be created or edited (145067).....	63
Chapter 4 Environment and System Requirements	65
Hardware requirements	65
Browser machine requirements	65
Web application server machine requirements.....	66
Software requirements	66
Browser environment	67
Web application server environment.....	119
Java version support.....	134
External web server environments	136
Microsoft Office support for Documentum Application Connectors	136
Webtop Federated Search environment	137
Additional operating environments	138
VMware support	138
IBM Logical Partitioning support.....	139
Sun Microsystems support	139
Citrix support.....	140
Siteminder support.....	140
RSA support	140
Native 64-bit support.....	141
Prerequisites to run Documentum 6.5x products in the native 64-bit mode	141
64-bit support in web application server environment.....	141
IPv6 support	141
Applet certificates.....	142
Cross-product dependencies and interoperability	143
Embedded products	143
Chapter 5 Known Problems and Limitations	145

Known problems	145
Known problems common to all WDK applications	145
Connection to FS2 server fails when host name contains an underscore (FSTWO-149, WEBTOP-9340).....	145
Multibyte characters in a form posted as an inline request are not encoded correctly (WDK-2209)	146
E-mail messaging ingestion fails on Sybase (COMPAR-368)	146
Network locations in Portals login page (105111/WDK-1515)	146
Unable to distinguish User and UserGroup values in the "Name" column in the Choose a User/Group page (WDK-1630)	146
Default theme preference issue in different Webtop applications using the same global repository (WEBTOP-5950, WEBTOP-6881)	146
An error occurs when a user attempts to enable dmcl tracing from within a 5.3 SP4 or 5.3 SP5 version of a WDK-based application (WDK-1251).....	147
List of performers displayed for subsequent activities is not refreshed after performers are selected for the first activity (152658/WDK-974).....	147
Unable to view a file after the owner of the ACL is changed (148130/WDK-1168)	147
An error occurs if a user approves a document after receiving an error indicating that the task has been accepted by another approver (WEBTOP-2447)	148
Import operation fails while locating and importing missing graphics in an XML document being imported (WEBTOP-5039)	148
Internet Explorer browser crashes when you enable and disable the thumbnail view (WEBTOP-5881).....	148
An error occurs while importing a custom type document (WEBTOP-1365, WEBTOP-7341).....	148
Unable to access a subfolder that contains a space at the end of its name (WEBTOP-529, WEBTOP-7415)	148
Unable to save a search query as a template (WEBTOP-6578)	149
The ucf.client.config.xml FileNotFoundException exception occurs when you perform some UCF-based operations (WEBTOP-7495).....	149
In Firefox browser, the Login page has the text fields appear extended beyond the modal popup (162768/WEBTOP-392)	149
In the rich text editor, Font and Size strings appear vertically (162956/WEBTOP-423)	149
The UI stops responding and displays an error when an export operation is already performed on a file and is repeated (163432/WEBTOP-1989)	149
Problems reported in previous versions	150
Uninstaller for 5.x does not clean up classpath (59321, 66001)	150
Application server leaves temporary files behind if content transfer is terminated by the user (71092)	150
View properties for workflow file in a foreign repository brings up a login dialog (97209).....	150
Importing a large XML file of custom type with many chunks fails and throws exception (98126/WDK-545).....	150
Cannot delete a folder that contains non-current objects (98538/WEBTOP-552, 114934/DFC-74).....	150
Copy and link from one SSO repository to another SSO repository is not working (104062/WEBTOP-5410, 104959/DFC-84)	151
Oracle/Solaris: Preferences page will not display; cannot drag and drop an email (104213/WDK-180).....	151
Checking out a non-XML root virtual document with xml children throws an error (10623/WEBTOP-41462, 106442/DFC-68)	151

Link dragged to desktop does not get proper name (111348, 118349/WEBTOP-2966)	151
User preferences override custom subtype columns view (115495/WDK-1492)	151
Drag and drop onto a virtual document causes the source and target folder structure to collapse (115850/WDK-1499)	151
XML chunking of Word document in XML fails (119541/WEBTOP-4861, 130693/DFC-64)	152
Leading spaces added to password entry are ignored (126348/DC-42, DC-2304, 130938/CS-24)	152
DTD cannot be found on network path during checkin (128592/WEBTOP-5350, 130944/DC-42, DC-2304)	152
Date constraint is not conserved when editing a search (137723/WEBTOP-3084)	152
Sorting by rank disappears after leaving the results page (138193/WEBTOP-3106)	152
Quotes used in a simple search are removed when switching to advanced search (138591/WEBTOP-3116)	152
dm_message_archive objects cannot be copied (145224/WEBTOP-2402)	153
WDK-based application allows special characters (145820/WEBTOP-2426)	153
User cannot delete later versions if previous owner deleted an earlier version (145984/WEBTOP-2430)	153
While performing a content transfer operation Webtop displays an error message (147254/WEBTOP-1538)	153
Word document name appears junk in HTTP mode (148341/WEBTOP-1581)	153
Multiple renditions of same format cannot be deleted singly (148439/WDK-1170)	153
Scrolling arrows are not displayed when there are more tabs (148498/WEBTOP-1883)	153
Popup error message (148546/WEBTOP-1888)	154
Work item does not reach work queue when Java Method Server has been down (150912/BPM-166)	154
UCF content transfer operation fails in Oracle 10.1.3.3.0 environment (153823/WEBTOP-1057)	154
UCF content transfer operation fails in WAS 6.1.0.13 environment (154525)	154
Breadcrumb does not show properly if the folder path contains hidden folder (155352/WEBTOP-5009)	154
When you delete a document, WDK-based application does not send the delete notification and the name of the document is not available when the delete notification is sent (159830/WEBTOP-4817)	155
Importing a .msg file fails using Safari 3.0.4/mac10411 (161074)	155
EMCMF- Export of folder that contains EMCMF format file which has an attachment, exports the hidden folder as well (161373/WEBTOP-3937)	155
There is no option in the folder view to go back to the Task Manager (161511/WEBTOP-3939)	155
Deep export of a folder stops responding and import operation displays an error when you perform Deep export of a folder within the same browser session (161652/WEBTOP-3947)	155
Two read notifications are received when documents are opened for viewing (161920/WEBTOP-3982)	155
Export to CSV - Special characters inappropriate and MS Excel file generated is incorrect (162009/WEBTOP-3992)	156

Drag and Drop does not work for Subscription during the same browser session (162266/WEBTOP-344)	156
Unable to navigate using Previous button during multiple check in operation (162403/WEBTOP-361)	156
In multiple repositories, when the owner of the object and the owner of the link are separate, incorrect lock/key icons are shown (162685/WEBTOP-387)	156
Saving a Form instance displays an IE script error (162771/WEBTOP-393)	156
The path reflected in the breadcrumb area is incorrect for the linked folders in multi - repositories (162786/WEBTOP-396)	156
The contents of a linked folder from another repository are not exported (162802/WEBTOP-400)	157
Clipboard operations should be disabled for a linked folder from another repository (162828/WEBTOP-407).....	157
In UCF mode, when you import a folder, WDK-based application does not perform the check for the folder name field (162939/WEBTOP-419).....	157
View clipboard is not enabled (162941/WEBTOP-420)	157
WDK-based application throws an error when you press the Enter key after you manually type the path of the file (162973/WEBTOP-426)	157
If you log on as another user, the menu control item allows you to perform operations (163094/WEBTOP-1970).....	157
In IE 7, viewing a document using a DRL in the same IE window in a new tab throws an ucf session wait timeout (163210/WEBTOP-1978)	158
The checked in file gets deleted after Check in is successful (163242/WEBTOP-1979)	158
Unable to sort the child documents in a VDM Editor in WDK-based application (163590/WEBTOP-1993)	158
WDK-based application hangs while creating a new document to VDM (163606/WEBTOP-1995).....	158
Webtop displays the 'Operation failed: Message not found' message when you set the type to dm_message_archive manually during import of a .msg file (163835/WEBTOP-2006)	158
Data tables displays ID instead of empty values for the newly created entries (163968/WEBTOP-2014)	159
An error message is thrown when you click on the Column headers in the attachments table found in the properties page of an EMCMF file (164039/WEBTOP-2018)	159
Drop down lists displayed on a page hides menus in Internet Explorer 6 (IE 6) (166881/WEBTOP-2691).....	159
Internet Explorer 6 (IE 6) fails to display the title of a modal popup window (167362/WEBTOP-2722).....	159
A Workflow component fails to open as a modal popup in WDK-based application (167364/WEBTOP-2725)	159
Deep export of a folder having special characters are not supported (167444)	159
Single value custom attribute with VA which is dependent on other custom attribute is not refreshed with proper value, instead default value is displayed (170123/WEBTOP-1300)	160
Copying EMCMF file with an attachment to the same location fails even after dropping the unique constraint on dm_message_archive object type (170258/WEBTOP-2466)	160
Problems reported in version 6	160
BOCS: Checkout sometimes displayed incorrectly (131504/WEBTOP-3804/WEBTOP-7266, WEBTOP-2475).....	160
Escape key does not dismiss context menu (135125/WDK-1135).....	160

Mac/Safari: Shortcut for search not working (139089/WDK-1247)	160
RSA: Web workflow manager hangs at RSA timeout (142160/WEBTOP-2753, WEBTOP-7225)	161
Role precedence does not take effect when preset applies to current repository (144864/WEBTOP-2389)	161
Cannot deselect items by clicking white space (146537/WDK-288)	161
XML application may rename graphic files (146597/WEBTOP- 1498)	161
Browser resize makes some menus inaccessible (149311/WEBTOP-1921)	161
Known problems specific to Webtop	161
On some Windows XP SP3 machines where Internet Explorer 6 browser is used and the JAWS 9 software is running, IE crashes when the accessibility preference is set (WEBTOP-10297)	162
Unable to import email messages with trailing spaces in the subject line (WEBTOP-7963)	162
The content pane in a Webtop-based application appears blank although a node is selected in the navigation pane (WEBTOP-10043)	162
File Download dialog box and the multi-file download browser window are not displayed when HTTP content transfer operations are performed using IE or Firefox (WEBTOP-9207)	162
Checkin operation fails when it is performed using Internet Explorer (IE) 8 (WEBTOP-8972)	163
DRL is not generated with the hostname and IP of the web server in a Webtop SSO clustering environment (WEBTOP-8957)	164
The Webtop application stops responding when you log in to Webtop on a Solaris or Linux machine (WEBTOP-7736)	164
UCF fails to download on a MAC OS client with JRE 1.4.2.x (WEBTOP-3415, DC-89)	165
A java error occurs when you click the Finish button before the Import dialog box user interface is refreshed (WEBTOP-6125)	165
In Choose a folder frame, Name and Cabinet graphic icons are not linked together and they are showing as two different columns (WEBTOP-6231)	165
Users with the dce_user_manager role are unable to perform tasks in the collaboration room (WDK-1608)	165
Unable to edit the Author field for a document you own (168946/WEBTOP-1230)	165
Workflow report generation is slow (146812/WEBTOP-1514)	166
The MSG_START_WORKFLOW_FROM_DOC property is not translated to Japanese (144861/WEBTOP-2388)	166
Translation of strings in the Japanese interface for Quickflow is incomplete (144888/WEBTOP-2391)	166
Workflow report fails to list all running workflows sometimes (145316/WEBTOP-2405)	166
Some strings in the Japanese Webtop User Guide are not internationalized (160303/WEBTOP-5712)	166
Webtop stops responding after you close multiple new windows (WEBTOP-6139)	166
You are prompted to restart the computer when the drag-and-drop plugin is upgraded to a later version (WEBTOP-6571)	167
Junk characters displayed in topic titles in the Table of Contents pane of the online help	167
Unable to create a PDF for a file in the EMC MF format (WEBTOP-2056)	167

The File > About Webtop requires to be resized manually to view the controls in the Internet Explorer 6 (154725/WEBTOP-1103)	167
Opening an EMCMF format file that is attached to a workflow template occupies the entire Webtop page (162691/WEBTOP-389).....	167
The search results display the repository name instead of the search text for Russian locale (162958/WEBTOP-424).....	168
Drag and Drop operation failed during import message appears during drag and drop from Desktop to Webtop (163963/WEBTOP-2012)	168
Unable to create a pdf for EMCMF format file (164503/WEBTOP-2056, WEBTOP-7294).....	168
Drag and Drop export of sub versions is not successful (164748/WEBTOP-4481, WEBTOP-7115).....	168
Unable to create a pdf for EMCMF format file that has an attachment (164956/WEBTOP-4495)	168
Drag and drop of multiple files from Webtop to desktop results in the export of only a single document instead of all the selected documents (170602/WEBTOP-2484)	168
EMCMF file gets corrupted when exported from Webtop to Desktop through Drag and drop in 2008 server and Vista machine (170890//WEBTOP-2515).....	169
Importing an email message fails (170752/WEBTOP-2494).....	169
Firefox crashes after you log on to Webtop in Sun JRE 1.4.2_18 and Windows 2008 (167380)	169
Unable to create a pdf for EMCMF format file that has an attachment (164956/WEBTOP-4495)	169
Known problems specific to Webtop Federated Search.....	169
Sorting disappears when navigating clusters (137716).....	169
The search fails if you add quotes to a property value when searching external sources (132942).....	170
Known problems specific to Documentum Collaborative Services	170
Data table choice list options cannot be reordered (130179).....	170
Properties dialog box has various broken appearances when multiple calendar events are selected (135208)	170
Field names in New Table Entry may be displayed in wrong language (136521).....	170
Image in rich-text folder description does not display when Webtop is behind proxy firewall (136933).....	170
In Internet Explorer 7, cannot type characters in discussion titles on containers (138648).....	171
Missing options in advanced search dialog box for calendars (141383)	171
Rows do not inherit permission set on data tables in room (141647)	171
Copy of subscribed room automatically added to the Subscriptions list (142178)	171
When discussion column is not visible in summary view of data table, View > Discussion is grayed out (142193).....	171
Name of imported calendar event is replaced by name of ics file (142564)	172
Backspace or Delete does not work when editing rich text in Firefox (148721).....	172
Audit trail for workitem not using business calendar (149042)	172
Special characters garbled in data table import from .csv file (151619)	172
Error occurs when a non-current version of an object is made to be governed by a room (157528)	172
Only the current version of a document is moved (159863)	172
Comments not visible in Activity Template (162040)	173

Attachment field deleted by user with WRITE permission only (163886)	173
Deleting data table with checked-out attachment deletes another entry instead (164107)	173
Error occurs when importing a .csv with a blank member list field into a data table with a member list field defined (164123)	173
Unable to create a new object with an assigned ACL (167668).....	173
Unable to create a room using Webtop 5.3x with Content Server 6.5 (168936)	173
Unable to import a message to a room created in collaboration mode (170846)	174
Known problems specific to Application Connectors	174
An error occurs while installing Documentum Application Connectors (DAC-505)	174
Documentum Application Connectors installer always attempts to install .NET when a power user runs the installer (DAC-506).....	174
An error occurs and the menu options of the application connector appear disabled in Webtop (162416/DAC-496).....	174
Documentum Application Connector prevents the proper unloading of the VBA code associated with automated workbooks (DAC-463)	175
The Documentum Application Connectors menu in MS Word is replaced by the Adobe Comments menu (DAC-467)	175
Custom macros for MS Office Applications may conflict with DAC	175
Problem uninstalling Documentum Application Connectors SDK using Remove option (122592/DACSDK-23).....	175
Removal of the Documentum menu from the TextEditor of SDK (131347/DAC-188).....	176
Non-Admin user can run the installation of Documentum Application Connectors without any error message (152978/DAC-56)	176
MS Office XP SP3 throws 'Conversion of mail message failed' error while importing a .msg mail format message to the repository as an EMC MF format (165092/DAC-367)	176
'Do you want to overwrite the already existing files' dialog appears while viewing the EMC MF format message from the repository for the Second time (165103/DAC-368)	176
Limitations.....	176
Limitations common to all WDK applications.....	177
WDK-based applications encounter classloader-related problems (WEBTOP-1986).....	177
Using the prefer-web-inf-classes element	177
Using Filtering ClassLoader	177
A stack overflow occurs when some content transfer operations are performed (WEBTOP-8869)	178
Unable to create BOCS objects while running WDK-based version 5.3x applications (DC-1738)	179
Error messages appear in the WebLogic log file when a file transfer operation is performed (WEBTOP-1896)	179
Limitations reported in earlier versions	180
Unable to select text in dialog boxes (166880/WDK-1824).....	180
Unable to copy text from any dialog box in Webtop to the clipboard (WDK-1452)	180
Create New Folder button is not displayed in the Select Folder dialog box while exporting files from Webtop (167523/WEBTOP-2730)	181
Show All Properties may not work (64824, 65092/WEBTOP-5995).....	181

One actionmultiselect control per page (62228)	181
The import dialog is not populated with sent and receive dates (105321/WEBTOP-4108).....	181
Silent import does not apply preset ACL (131470/WEBTOP-3802).....	181
Errors from TBOs or aspects are not displayed in WDK applications (139378/WDK-1248)	181
Custom attributes cannot be handled by ScrollableResultSetDataHandler (94837).....	182
Unable to perform a case-sensitive search with full-text index	182
Backward compatibility	182
Page not found errors if HTTP 1.1 not enabled in client browser	182
No template available for ASCII files	182
Bulk file import requires Import Manager	182
ACS is not used to view HTTP content unless configured to break virtual links.....	183
Localized characters not supported with virtual links (69570)	183
PDF opens in new browser window (71118, 96304)	183
Owner cannot delete document when group is deleted (71026).....	183
Browser Back button causes problems with subsequent operations (73971, 74061)	183
Problems checking in a version as noncurrent (74112)	183
Templates must be manually moved to Templates cabinet in order to share them with other users (74114, 74296)	184
Browser pop-up blocker prevents some application pages from opening (84279, 104215/WDK-181).....	184
PDF document does not open in HTTP content transfer (96072).....	184
Some large documents cannot be streamed inline (97284).....	184
Cannot check out a virtual document through its replica and check it in from the source (101572/DFC-843).....	184
Private JRE in UCF installation is large (103154/WDK-152, 126906/WEBTOP-5292, 126912/DC-57)	185
UCF content transfer operations fail on Windows Vista (132632/ DC-28 , 134461/WEBTOP-957, 134478).....	185
No failover in components that call DFC or BOF classes using instance variables (145202/WDK-266).....	185
Limitations reported in version 6	185
Some functionality not available on 5.3.x Content Server	185
Presets not applied to search results.....	186
"Search here" is not available in a context menu (129198/WEBTOP-3715)	186
Presets do not filter out columns (129637).....	186
Group is still listed in the preset page after the group is deleted (137144).....	186
Cannot use ctrl-tab and ctrl-shift-tab to move within tabs (138522/WDK-1241)	186
Mac OS X upgrade to 1.4.11 breaks WDK applications	186
Drag and Drop of a folder from Webtop to Desktop is not supported (163006/WEBTOP-431).....	186
Drag and drop link operation across repositories is not supported (163600/WEBTOP-1994)	187
Limitations specific to Documentum Collaborative Services	187
In data table plain text and number fields, blanks appear at beginning of ascending sort order instead of at the end (132927/WEBTOP-2139)	187
Limitations specific to Application Connectors	187
Busy cursor is displayed for a long time in the Security Alert dialog (102362/DAC-101)	187

With 2 instances of Outlook open, the second does not have Documentum menu (123460/DAC-27/DAC-572)	187
Unable to verify the URL dialog in Application Connectors installer (102200/DAC-100, DAC-565)	188
Limitations specific to Webtop	188
Although the Link Here action is excluded in the Edit menu and the Context Menu while creating a Preset, users are allowed to link documents using the drag-and-drop functionality (WEBTOP-6516)	188
Unable to install ExMRE manually on the Windows 7 operating system (WEBTOP-10210).....	188
Unable to attach multiple files while starting a Workflow (WEBTOP-5812)	189
Search string option is unavailable in Webtop online help (WEBTOP-8649)	189
Preferences are not saved when the Webtop session times out or the browser window is closed (170670/WEBTOP-2491)	189
Unable to add favorite items using the Context menu in Internet Explorer (IE) 8 (WEBTOP-9125)	190
Modal popup dialog boxes stop responding when the ucf resident invoker is disabled (WEBTOP-6131)	190
Linking a folder between rooms fails occasionally (148719/WEBTOP-6526)	190
The Files dialog box fails to display folders and files properly while importing files to Webtop (WEBTOP-5998).....	190
The status of a file changes to Checked Out when it is checked out to a read-only folder (159291/WEBTOP-4794).....	190
Graphics are not displayed when you view the Web Workflow Manager online help using Firefox (WEBTOP-6567).....	191
Slow script warning message appears when some operations are performed in Webtop (WEBTOP-4474).....	191
Webtop times out when you click a Webtop URL in an MS Office document (WEBTOP-6746, WEBTOP-6211)	191
Limitations specific to accessibility.....	191
JAWS reader fails to read the label in the Available Actions page (WDK-1656)	191
Label of the Additional Accessibility Options checkbox is read thrice (WEBTOP-6067)	192
Label for password field read twice	192
Fields are not marked mandatory in the Login page.....	192
Autocomplete suggestions that appear as dropdown list are not being read out by JAWS	193
Chapter 6 Technical Notes	195
Technical notes common to WDK applications	195
Webtop does not automatically define a unique name to a file while checking it out to the Checkout folder (WEBTOP-10051)	195
Configuring request input timeout value for DFC and UCF events.....	196
Passing additional Virtual Machine parameters to the UCF Client from the application server.....	196
Configuring Oracle WebLogic Server 11g R1 (10.3.1) and later	197
Converting existing EMC MF messages to the new EMC MF format.....	197
Enabling the wild-card CONTAINS operator for string properties	197
Creating a roles precedence tree	198
Enabling or disabling the ACS/BOCS write mode	199
The application server hangs when you click on the + sign when the folder has a thousands of subfolders (165687).....	199
Technical notes specific to Webtop	200

Choose the destination option is not displayed when the Export operation is performed (WEBTOP-8914).....	200
The Import dialog box does not display the Add Files, Add Folders, and Remove buttons (WEBTOP-8913)	200
If the Advanced Search operation is performed with the Current Location only option selected, the operation fails (WEBTOP-8522)	200
Value Assistance attributes are not refreshed in Webtop running in the accessibility mode (WEBTOP-6171)	200
The Advanced Search dropdown list is not refreshed in Webtop running in the accessibility mode (WEBTOP-6169)	201
Users can subscribe only to the latest version of a repository item.....	201
Help pages without helpcontextid not displayed in 6.5	201
New role created to prevent any user from delegating workflow tasks (162770/BPM-262, BPM-1008)	201
Business Calendar Prerequisite (162776).....	202
Technical notes specific to Application Connectors	202
Allow multiple Citrix users to use Application Connectors (DAC-559)	202
Application Connectors and Webtop compatibility	202
The behavior of Save As has changed	202
Admin or Power User privileges are required to install Application Connectors.....	203
DAC for Outlook does not function properly if SQL Server 2005 is running on the client machine (DAC-371).....	203
Application server should be running when you install Application Connectors (103580).....	203
Microsoft Word and Excel force you to save even when no changes were made (111215)	203
Chapter 7 Documentation	205
Webtop documentation set.....	205
Obtaining the correct documentation	205
Documentation corrections and clarifications	206
Incorrect reference to Webtop Extended Search as a licensed option in the WDK and Webtop Deployment Guide	206
Incorrect context-sensitive help topics are displayed in the Webtop user interface (WEBTOP-9009, WEBTOP-9011, WEBTOP- 9013, WEBTOP-9014, WEBTOP-9031)	206
Incorrect documentation in the Send a quickflow section of the Webtop User Guide (WEBTOP-965)	206
Webtop online help and Webtop User Guide PDF display the "???" and "()" characters in some content (WEBTOP-8968)	207
Incorrect help topic is displayed when you open Webtop help from your Inbox (WEBTOP-7818)	207
Update the WDK and Webtop Deployment Guide with additional information on configuring Oracle WebLogic Server 11g R1 (10.3.1) and later (WEBTOP-9450)	207
Correction to content in the Webtop User Guide (WEBTOP-3402)	208
Incomplete documentation about the Queue_processor role in the Webtop User Guide (WEBTOP-8610)	208
Incorrect information in the Webtop User Guide (WEBTOP-223)	208
Update the Webtop User Guide with additional information on subscription	208
Additional information for the WDK and Webtop Deployment Guide	209
Incorrect references to "Webtop Federated Search (WFS)" in the WDK and Webtop Deployment Guide	209
Correction to content in the WDK and Webtop Deployment Guide.....	209

	Correction to content in the Documentum Collaboration Services online help (DCS-7)	209
	Correction to the Search chapter in the Webtop User Guide	210
	Correction to the Lifecycles chapter in the Webtop User Guide	210
Chapter 8	Software Media, Organization, and Files	211
	Software Media	211
	Organization	211
	Files	211
Chapter 9	Installation	213
Chapter 10	Troubleshooting and Getting Help	215

List of Figures

Figure 1.	HTML viewer for email.....	29
Figure 2.	Enhanced search.....	30
Figure 3.	Conversion utility for emails	31
Figure 4.	Deep export	33
Figure 5.	Modal dialogs	34
Figure 6.	Improved user experience	37
Figure 7.	Reminder to check in original document during Save As operation.....	38
Figure 8.	Option to continue editing after Saving a document into the repository	39

List of Tables

Table 1.	Web application server machine requirements.....	66
Table 2.	Third-party product versions not supported in this release.....	67
Table 3.	Browser environment for Webtop	68
Table 4.	Browser environment for Documentum Application Connectors	94
Table 5.	Web application server environment for Webtop	121
Table 6.	Web application server environment for Documentum Application Connectors.....	128
Table 7.	Java version support	135
Table 8.	External web server environments	136
Table 9.	Microsoft Office support for Documentum Application Connectors	136
Table 10.	Webtop Federated Search environment	137
Table 11.	VMware support	138
Table 12.	IBM Logical Partitioning support.....	139
Table 13.	Sun Microsystems support	140
Table 14.	Citrix support.....	140
Table 15.	Webtop IPv6 compliance.....	142
Table 16.	Applet certificates of Webtop.....	143
Table 17.	Applet certificates of Documentum Application Connectors.....	143

Product Description

This chapter provides an overview of Webtop (WT) and Documentum Application Connectors (DAC).

Documentum Webtop

Webtop is an easy-to-use interface that allows users to access Documentum repositories and content management services within a standard browser application. Webtop is ideal for users particularly when content is accessed from remote locations across the Internet.

Key features of Webtop include the following:

- Access to core content services. Grants employees convenient Web access to core Documentum content services including security, version control, library services, content lifecycles, and search
- Advanced content services. Manages advanced content services including workflows, virtual documents, content subscriptions, categorization, and My Files
- Multilingual aptitude. Supports multilingual content through international language packs and support for Unicode
- Easy search. Provides convenient one-box search in every view
- Rapid deployment. Deploys quickly throughout an enterprise, leveraging standard Web browsers on client machines

Documentum Application Connectors

Documentum Application Connector enables you to access a Documentum repository directly from one or more of the following Microsoft Office applications:

- Excel
- Outlook
- PowerPoint
- Word

Documentum Application Connector comes bundled with Documentum Webtop.

Section 508 Compliance

This product has been evaluated for compliance with U.S. Federal government Section 508 regulations and W3C Priority 1 guidelines. It has also undergone user testing for accessibility and usability by the NFB (National Federation for the Blind). For details, see the compliance self-certificate in the Powerlink site (<http://powerlink.EMC.com>) for your product version. To locate the compliance self-certificate, navigate to **Support > Documentation and White Papers Library**, then select your product.

Note: The majority of Content Management products are listed under **Software D > Documentum ?**, where ? = a letter, or letters, in the alphabet.

New Features and Changes

EMC Documentum Webtop 6.5, 6.5 SP1, 6.5 SP2, and 6.5 SP3 include a variety of new features and improvements. This section describes the major enhancements. Refer to the product documentation for complete information about these features.

New features and changes for 6.5 SP3

There are no new features in Webtop 6.5 SP3. This release contains only bug fixes.

New features and changes for 6.5 SP2

The following provides descriptions of the new features and enhancements in the 6.5 SP2 release:

Webtop 6.5 SP2

The following new items apply to Webtop for Documentum 6.5 SP2:

- [Convert Desktop DRLs to Webtop URLs, page 23](#)
- [Deep folder export provides "always" and "never" options for overwriting files, page 24](#)

Convert Desktop DRLs to Webtop URLs

The Documentum Desktop client has been phased out. As a result, Desktop users can no longer access DRLs (links to repository documents) embedded in e-mail messages. Documentum Webtop 6.5 SP2 provides existing Documentum Desktop client users with the DRLInvoker application (DRLInvoker.exe.config) that enables them to access DRLs and open the relevant linked documents. This tool converts the DRL into a Documentum Webtop Universal Resource Locator (URL), and opens the linked document in a browser window.

Deep folder export provides "always" and "never" options for overwriting files

Prior to Documentum 6.5 SP2, when a folder was deep exported to a location where a folder by the same name exists with all or some of the same files as those being exported, users were prompted to overwrite each duplicate folder and file. The prompt for overwriting each folder and file appeared with the **Yes** and **No** buttons.

With release 6.5 SP2 release, the following additional buttons are displayed while prompting you to overwrite folders and files: **Yes to all** and **No to all** buttons. If you click the **Yes** or **No** button, the overwrite setting is applied to the current file. If you click the **Yes to all** or **No to all** button, the overwrite setting is applied to all files on which the deep export operation is performed. In the context of UCF, the overwrite setting is applied to all files for that UCF client session. Therefore, users are not prompted every time a duplicate folder or file is overwritten.

New features and changes for 6.5 SP1

The following provides descriptions of the new changes in the 6.5 SP1 release:

Webtop 6.5 SP1

The following new items apply to Webtop for Documentum 6.5 SP1:

- [Name change—Webtop Extended Search is changed to Webtop Federated Search, page 24](#)
- [Configuring JRE using UCF, page 25](#)
- [UCF Support to NTLM authentication \(137831\), page 25](#)
- [EMCMF support , page 25](#)
- [Mac support for BOCS Server, page 26](#)

Name change—Webtop Extended Search is changed to Webtop Federated Search

The name Webtop Extended Search has been changed to Webtop Federated Search from 6.5 release, *only* the name. The Extended Search occurs in the Search chapter of the *Documentum Webtop User Guide* version 6.5. This name change to Federated Search does not affect the functionality (advanced search functionality such as clustering of the search results, real-time monitoring, and search templates). The deployment of the corresponding DARs too remains unchanged. The deployment instructions are currently documented in the Installing Documentum Webtop Federated Search chapter of the *Web Development Kit and Webtop Deployment Guide*, version 6.5 SP1.

Configuring JRE using UCF

Prior to 6.5 SP1 release, in a client / target workstation, if the installed JRE version is higher than the configured version, then you cannot install the configured JRE version. In a portal environment, issues are noticed with the installed higher JRE version.

With the 6.5 SP1 release, you can configure Webtop in such a way that the configured JRE version is always installed.

The value of `enforceJreInstallation` is set to *false* by default. The following snippet is available in the `ucf.installer.config.xml` file:

```
platform os="windows" arch="x86">
<java version="1.5.0" href="win-jre1.5.0_06.zip" exePath
="jre1.5.0_06\bin\java.exe" enforceJreInstallation="false"/>
```

If the value of `enforceJreInstallation` is set to *false*, increment the version in the `app Id` element of the `ucf.installer.config.xml` file to force UCF to pick up the changes made to the `ucf.installer.config.xml` file.

```
<app id="shared" version="6.5.0.036" compatibilityVersion="5.3.0"/>
```

to

```
<app id="shared" version="6.5.0.036a" compatibilityVersion="5.3.0"/>
```

Set the value of `enforceJreInstallation` parameter in the `ucf.installer.config.xml` file to *true* and restart the application server in the 6.5 SP1 release. This setting will always install the configured JRE version UCF.

```
<platform os="windows" arch="x86">
<java version="1.5.0" href="win-jre1.5.0_06.zip" exePath
="jre1.5.0_06\bin\java.exe" enforceJreInstallation="true"/>
```

Note: You can locate the `ucf.installer.config.xml` file, and the JRE in the following location:

```
<app>/wdk/contentXfer
```

UCF Support to NTLM authentication (137831)

Many corporate networks use NTLM authenticating forward-proxies to restrict Internet connectivity to authenticated groups of users. Until Java 5, there is no good support for NTLM proxies in the `java.net` package. Since the minimum client JVM version for D6 is Java 5, you can take advantage of the NTLM capabilities in the `URLConnection` class in the Java SDK. This authentication helps support customers with NTLM proxies that the home-grown HTTP implementation of the UCF client does not support.

EMCMF support

Webtop 6.5 SP1 email functionality works with 5.3 or 6.0 repositories, only if you have DCO, Collaborative Services, and Messaging App DocApps installed on these repositories. These DocApps are available with a DCO license. If you do not have a DCO license, then the Webtop 6.5 SP1 email functionality is not supported on these repositories.

If you have installed the Collaborative Services DARs, Webtop 6.5 SP1 email functionality works with 6.5 repositories. Refer to *Web Development Kit and Webtop Deployment Guide*, version 6.5 SP1 for more details.

Mac support for BOCS Server

Distributed write for Mac is supported from this release, which implies the file and fork is transferred through BOCS server. So performance advantages of BOCS write operations are now available for Mac Clients.

Application Connectors 6.5 SP1

Application Connectors for Microsoft Word, Excel, PowerPoint, and Outlook remain bundled as part of Webtop. The following new items apply to Application Connectors for Documentum 6.5 SP1:

- [Support for Citrix 4.5 Environments](#), page 26
- [Cancel during Save As](#), page 26
- [Edit of Search Results](#), page 26
- [Coexistence with Information Rights Management \(IRM\)](#), page 27

Support for Citrix 4.5 Environments

You employ a Citrix virtual environment to deploy a standard Windows desktop to your user community. Users log in to Citrix and gain access not only to a standardized Windows session, but also to Microsoft Office applications such as Word, Excel, PowerPoint, and Outlook. Application Connectors 6.5 SP1 has been improved to support such deployments. When The Application Connectors application runs in the Citrix environment, enabling users who log in using Citrix to access the Application Connectors functionality in Word, Excel, Power Point, and Outlook.

Cancel during Save As

Application Connectors 6.5 SP1 fixes a problem that results in possible data loss if you cancel Documentum > Save As operation. In 6.5 SP1, a modified document that has not been intermittently saved will now retain recent modifications even after you cancel Documentum->Save As operation.

Edit of Search Results

In 6.5 SP1 and earlier releases, you cannot locate a document using Search and then choosing to edit it directly from the Search Results. You can view or edit a document you have located using the

Documentum > Open capability. You can now select a search result and then open the document for viewing or editing.

Note: Run both Webtop and the Application Connector client in 6.5 SP1 to receive this functionality.

Coexistence with Information Rights Management (IRM)

In 6.5 SP1, WDK absorbs new IRM capabilities. Application Connectors are based on WDK, and hence explicitly take into account documents that have been protected via IRM now.

To ensure compatibility with IRM and honor protected document status, Applications Connectors have the following new behavior:

- You cannot see IRM protected documents when browsing folders through Application Connectors.
- If you open an IRM document from Webtop, Application Connectors operations Save / Checkin / Save As / Cancel checkout are blocked.
- If you protect a local document using the Rights menu in an Office application, Application Connectors does not allow you to save the document in a repository using the Save As option.

New features and changes for 6.5

The following provides descriptions of the new features in the 6.5 release:

Note: The Email conversion to EMC MF format is disabled in OTB Webtop. This feature is only available for Windows-based Client.

This feature will be supported from 6.5 SP1.

Webtop 6.5

The following new items apply to Webtop for Documentum ECM 6.5:

- [Email conversion to EMC MF format, page 28](#)
- [Page refresh enhancements, page 31](#)
- [Multi-select drag and drop, page 32](#)
- [HTTP or UCF choice enhancement, page 32](#)
- [Deep export, page 32](#)
- [Modal dialogs, page 33](#)
- [UCF performance improvements in Webtop, page 34](#)
- [Content transfer dialog, page 35](#)
- [Support for Lightweight System Objects \(LwSOs\), page 35](#)

Email conversion to EMCMF format

Email message (.msg) files are imported as a type or subtype of the dm_message_archive type and are converted to the EMCMF format. UCF handles the conversion of native email messages to EMCMF format.

The following functions are enhanced to support this conversion:

- **Import.** When a user imports an email message (.msg), the email message converts to EMCMF format and gets stored as a dm_message_archive type. All attachments in the email are imported and related to the email.
- **Export.** When a user exports an EMCMF object, the object converts to native email format (.msg) for viewing by Outlook.
- **View Properties and Listing pages.** The Properties and Listing pages have been enhanced to show email centric attributes such as To, From, Date Sent and Subject.
- **Transform.** EMCMF messages can be transformed to HTML, XML, or PDF.

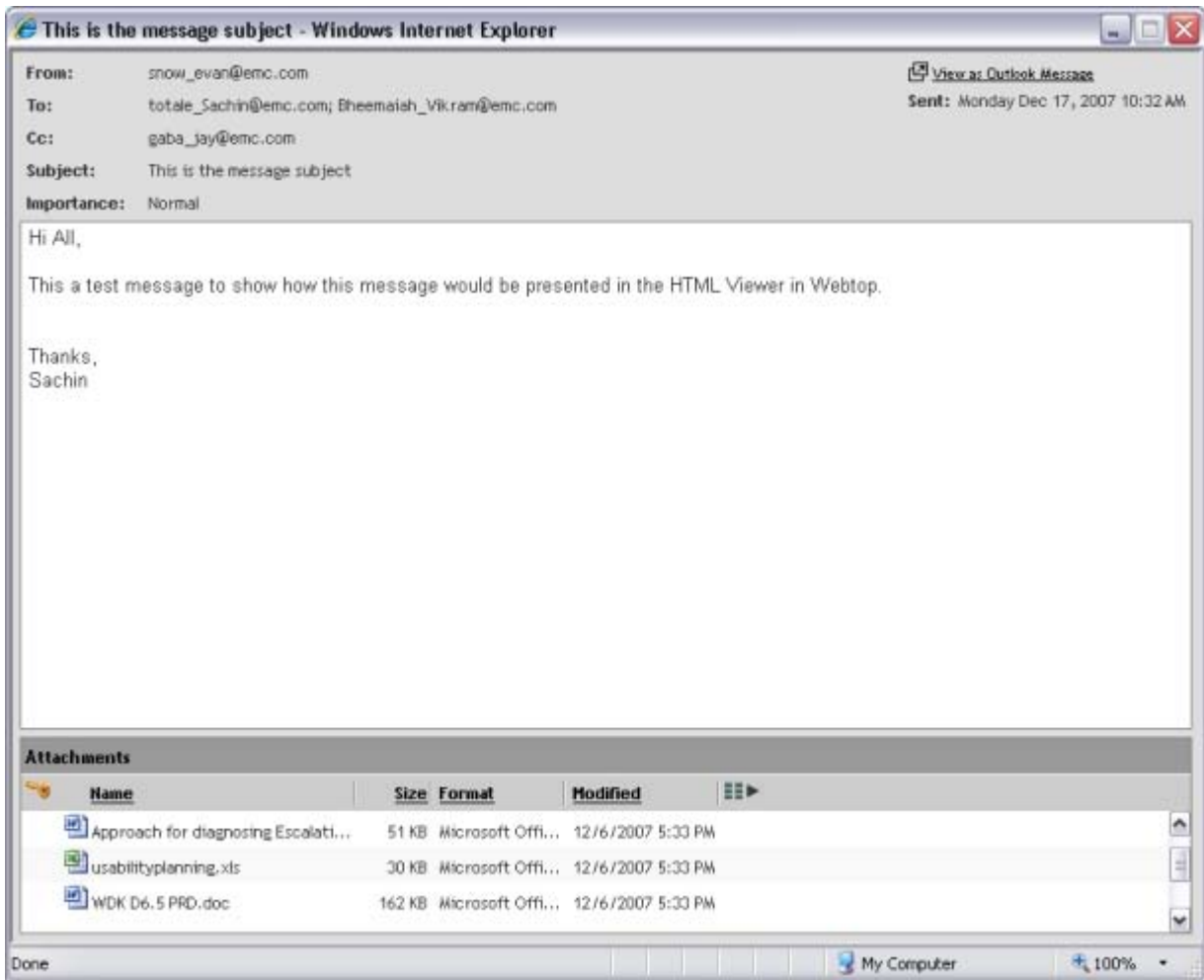
Note: By default, the Email conversion to EMCMF format feature is disabled. If you enable this feature, there is a delay when you first import or export an email message. In addition, the delay occurs due to downloading a large executable file that initializes this feature.

Enabling email message archive import support in Webtop save the Outlook messages (.msg) in email message format (EMCMF) with type as dm_message_archive on import. To convert existing dm_email_message objects to dm_message_archive, refer the *Webtop Email Migration Guide*.

Disabling email message archive import support in WDK-based applications, on import of Outlook messages (.msg) files get imported as dm_email_message object, and the import of .msg files fail in case you set the type to dm_message_archive manually.

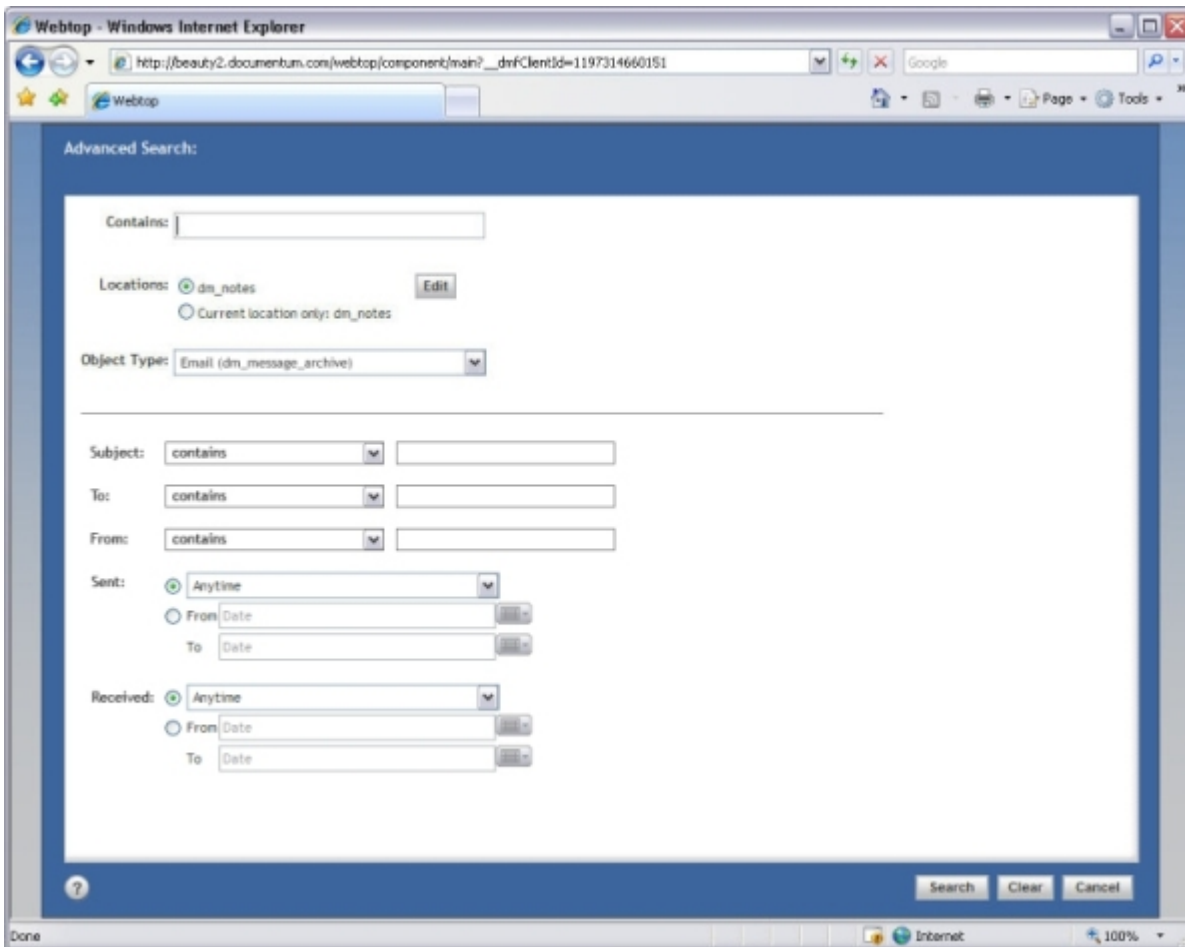
Webtop allows viewing of emails through a special HTML viewer. The HTML viewer provides user access to related email attachments. Attachments can only be viewed but they can also be found through a search results screen. You can copy and paste the attachment to a location within the repository and make that attachment a new independent object, to version an attachment.

Figure 1. HTML viewer for email



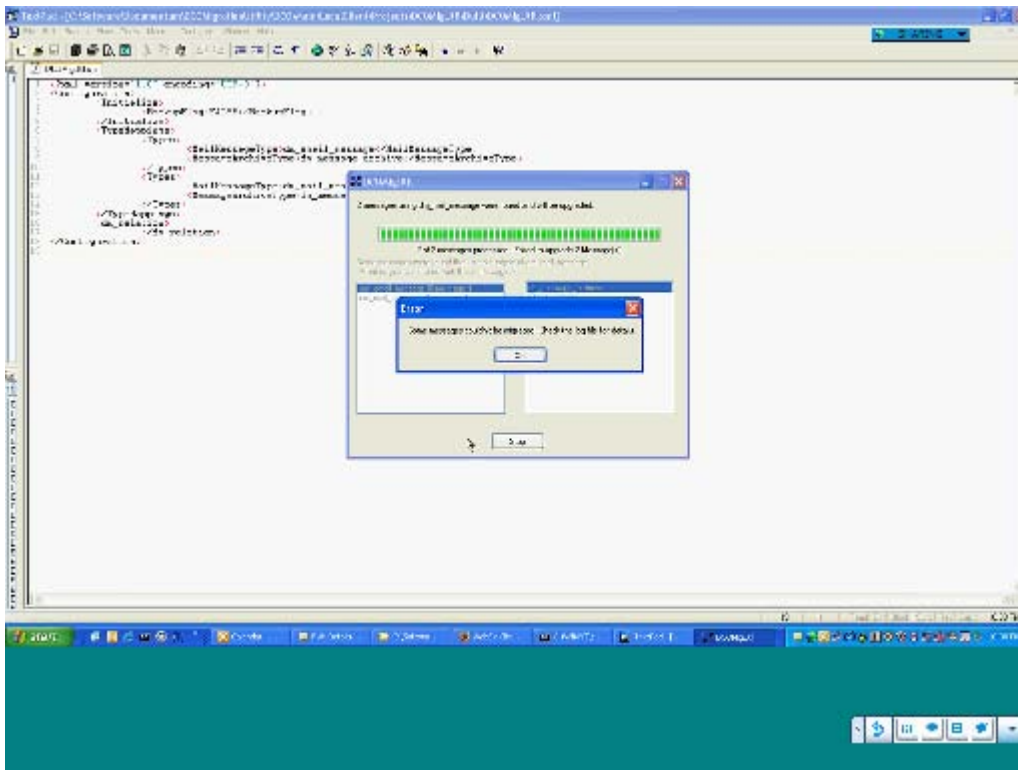
Users also see an enhanced search screen in Webtop, to search on email-specific attribute values ().

Figure 2. Enhanced search



Also available is a conversion utility for emails already in a repository. This utility is run as a separate application to convert existing emails to the EMC MF format ().

Figure 3. Conversion utility for emails



Page refresh enhancements

Webtop improves performance by reducing the amount of refreshes and by making better utilization of the AJAX framework. The following are a few examples:

- User chooses a folder in the browser tree to view a list of content contained in the folder. Before Documentum ECM 6.5, there was first a refresh of the browser tree applet and then there was a refresh of the content list. In Documentum ECM 6.5, there is no refresh of the browser tree.
- In the content list pane, the user double-clicks a subfolder to see contained content. Before Documentum ECM 6.5, the browser tree applet refreshed and then the content pane refreshed to show the content. The browser tree refreshes to show a selection of the folder in the browser tree and if needed, to expand that folder. In Documentum ECM 6.5, the selection and expansion is accomplished without a refresh.
- User has a checked out document. The user decides no changes are needed and wants to cancel the checkout. The user selects the content and chooses the menu option to cancel checkout. Before Documentum ECM 6.5, the screen went blank before bringing up a dialog to choose OK on the cancel. After choosing OK, the user saw another blank screen and a progress bar to show the user progress of the action. The application then returned to the content pane. While returning to the content pane, the browser tree applet and content pane refreshed. The removal of refreshes, the enhanced transfer progress bar, the use of modal dialogs, as well as the improved performance, significantly enhances the user experience.

The reduction of screen refreshes are found throughout the product.

Multi-select drag and drop

Users can select multiple files and perform a drag and drop. The multi-select drag and drop functionality is available for all areas where single file drag and drop were previously available. For example, users can multi-select files and drag and drop them to another folder in the repository. Multi-select drag and drop can also work when exporting and importing multiple files to and from the local file system.

HTTP or UCF choice enhancement

Webtop 6.5 enables administrators to specify HTTP or UCF content transfer for different users within the same Webtop installation. Before Documentum ECM 6.5, all users within the same Webtop installation had to use either HTTP or UCF content transfer.

Deep export

Webtop enables you to export one or many folders and allows the structure of those folders to remain intact depending on the permission set of the files and folders ().

By default, Deep export is disabled. You must enable Deep export enabled in app.xml file to make it work.

When you export files containing special characters (;, ?, <>, ", |, *) in their names, Webtop exports the files after removing the special characters from the file name.

Deep export of a hidden folder is allowed when you export a parent folder. If a folder is not visible in Webtop, all subfolders including hidden folders are exported during Deep export.

Some rules apply when using Deep export:

- Deep export is supported for UCF content transfer, not HTTP content transfer.
- Only the primary content is exported, no renditions are exported.
- Only the current versions of documents are exported.
- Deep export is trimmed down **not to support VDM**
- Deep export is automatic when a folder is selected for export.

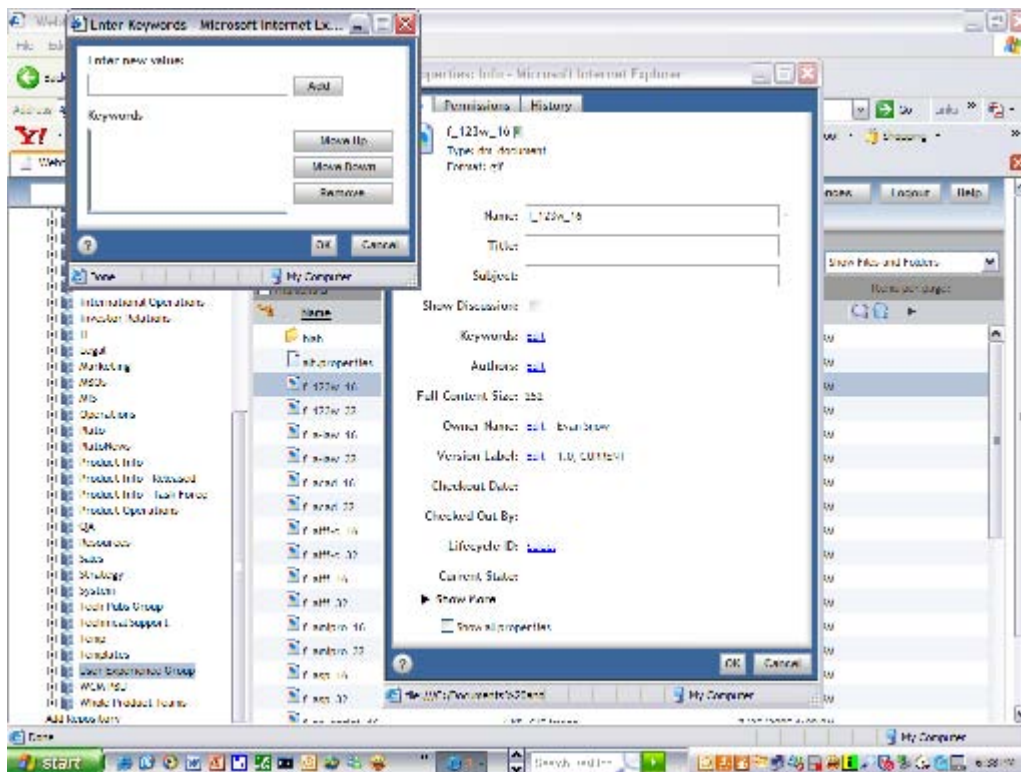
Figure 4. Deep export

Name	Size	Format	Modified
!TestBugs			10/31/2007 3:44 PM
Kiran			12/12/2007 7:40 PM
sample_import			11/27/2007 7:43 PM
Subscribe			9/27/2007 4:13 PM
Subscribe Others			10/31/2007 11:47 PM
Email...			
Export			10/11/2007 4:59 PM
Quickflow			10/11/2007 11:40 PM
Properties	B	Microsoft Offi...	11/7/2007 4:25 AM
Add to Clipboard	B	Microsoft Offi...	11/7/2007 3:50 AM
Add to Favorites	B	Microsoft Offi...	10/23/2007 11:04 PM
Delete			

Modal dialogs

This feature provides modal popup dialogs for action screens involving dialogs (). A modal dialog is a child window which requires the user to interact with it before they can return to the parent application. This feature enhances performance and allows the user to see the context from where the action was launched. Previously, the user chose an action, the screen refreshed and took the user to a new screen. With modal dialogs, a new window pops up on top of the previous screen. The previous screen is viewable, but no actions can be taken on that screen while the modal dialog is active.

Figure 5. Modal dialogs



UCF performance improvements in Webtop

UCF content transfer is more usable and performs better. The following lists the UCF enhancements for Documentum ECM 6.5:

- Reduction in the number of round trips between the UCF client and server. This feature is especially effective for improving transfer performance for smaller files over a high latency WAN.
- The following UCF client initialization/startup improvements:
 - Sharing a JVM instance across multiple web sessions
 - Starting JVM upon login
- Support for PDF byte streaming through a native viewer.
- Use of parallel streams to increase content transfer rate. This feature is especially effective for improving content transfer performance of large files over a high latency WAN (outbound and inbound).
- Freeing up stuck threads to optimize resources and increase concurrency.
- Reduction in unnecessary WDK UCF client calls.

Content transfer dialog

An improved content transfer dialog box shows the action that is running (in the header of the dialog box), the file that is currently being transferred, and the progress of that transfer. The new dialog box is easier to understand and is similar to most applications that you use.

Support for Lightweight System Objects (LwSOs)

Webtop supports Lightweight System Objects (LwSOs). LwSOs store metadata, common to many different (but similar) child objects, at the parent object level. This support reduces the storage footprint and ingestion processing required for the child objects.

Email archiving provides a classic example for LwSOs where individual emails are grouped in order of the user. Metadata common to all emails are stored at the parent (user) level. Thus the user is the parent, and the emails of the user are the LwSO children.

Webtop interacts with LwSOs in the following manner:

- Browsing. When you browse through cabinets and folders, you cannot view parents or children associated with LwSOs.
- Simple Search. When a user performs a simple search the results display shared parent objects only, no children.
- Advanced Search. When a user performs an advanced search the results display children, but NOT the parents, associated with LwSOs.
- Attributes. A user can open the properties of a LwSO and edit its properties from search results. When an attribute is changed, the LwSO materializes into a full object.
- Properties panels show ALL attributes associated with a child along with any inherited attributes from the parent. The properties panel relies on the attribute display configuration made using Documentum Application Builder or Documentum Composer. You can use the properties panel to mark attributes as editable or read-only. In either case, Webtop honors the configuration.

Native 64-bit support

Documentum 6.5 introduces native 64-bit support for running on 64-bit operating systems. The native 64-bit support takes full advantage of 64-bits of address space and the concurrent use of more than 4 GB of executable memory. For a fully qualified native 64-bit environment, you must have a 64-bit processor, 64-bit operating system, 64-bit JVM, and 64-bit application server. Support continues to be offered on 32-bit platforms.

IPv6 support

This product is compliant with IPv4-IPv6 dual-stack and native IPv6 enabled environments. The Environment and System Requirements chapter provides more information on IPv6 support for the product.

Documentum Collaborative Services (DCS) 6.5

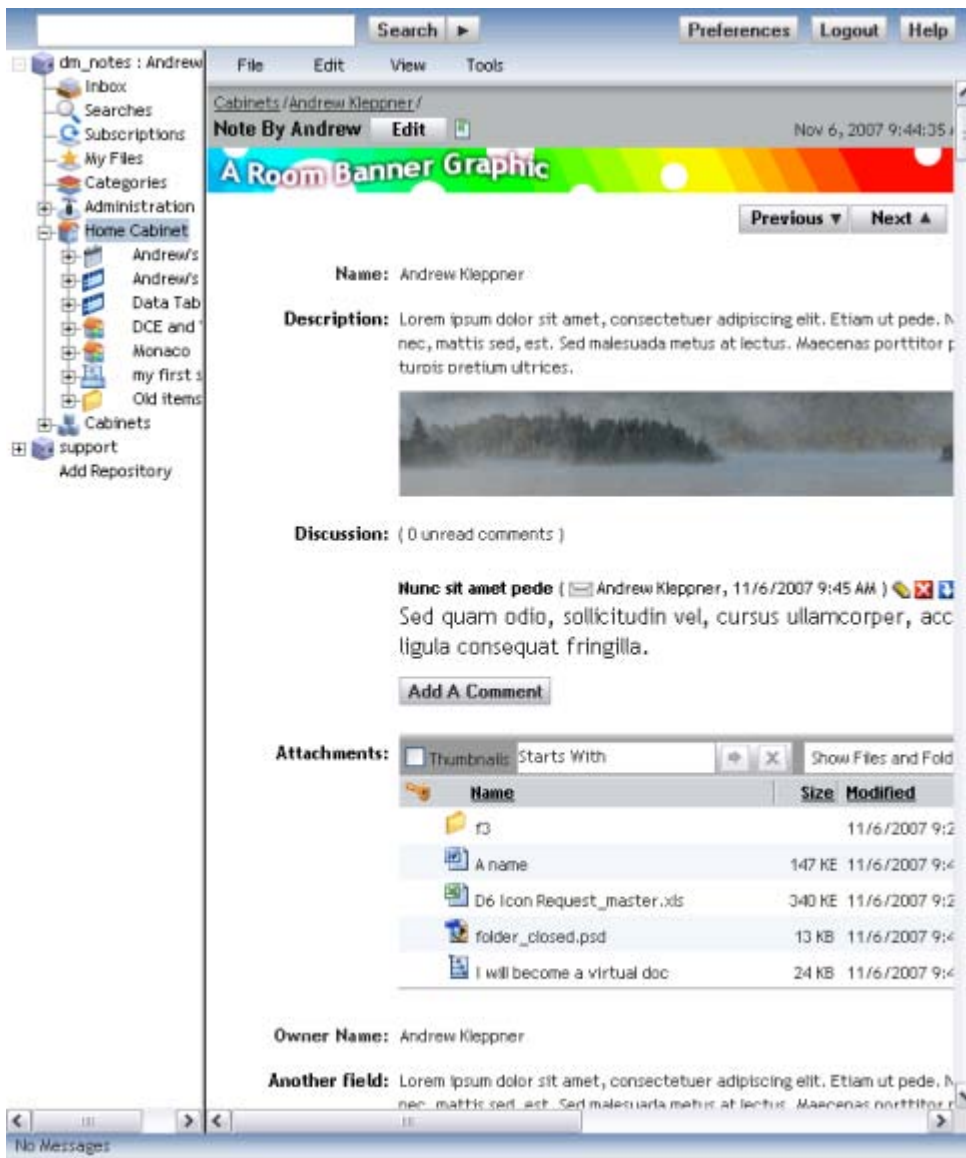
The Documentum ECM 6.5 release of Documentum Collaborative Services (DCS) strengthens and enhances the native collaboration capability of the Documentum product family – an integration that started with 5.3. The following new items apply to DCS for Documentum ECM 6.5:

- [User experience improvements, page 36](#)
- [Web Services and additional APIs, page 37](#)
- [Transition to DAR and lightweight system object, page 38](#)

User experience improvements

In Documentum 6, DCS introduced the use of data tables as a convenient way to create and manage structured collections of similar data such as lists of issues, tasks, milestones, and contacts. In Documentum ECM 6.5, data tables provide an improved summary for data table fields like the traffic light. The data table entry view provides a visual and user-friendly view of table entries. The entry view also supports attachments for a given entry as well as the ability to discuss the viewed entry. Another usability enhancement () allows for in-place editing of notes.

Figure 6. Improved user experience



Web Services and additional APIs

In Documentum ECM 6.5, discussions and rich text can be consumed as web services through Documentum Foundation Services (DFS). In addition, room template support at the BOF API level allows for the programmatic creation of rooms based on pre-defined templates. This functionality provides a foundation for future enhancements and offerings, as well as partner integration opportunities.

Transition to DAR and lightweight system object

In the Documentum ECM 6.5 release, the DCS DocApp was migrated to the new Documentum Archive (DAR) format. A DAR is compatible with the Eclipse-based Documentum Composer development tool. In addition, compatibility testing with the new lightweight system object has been performed.

Application Connectors 6.5

Application Connectors for Microsoft Word, Excel, PowerPoint, and Outlook remain bundled as part of Webtop. The following new items apply to Application Connectors for Documentum ECM 6.5:

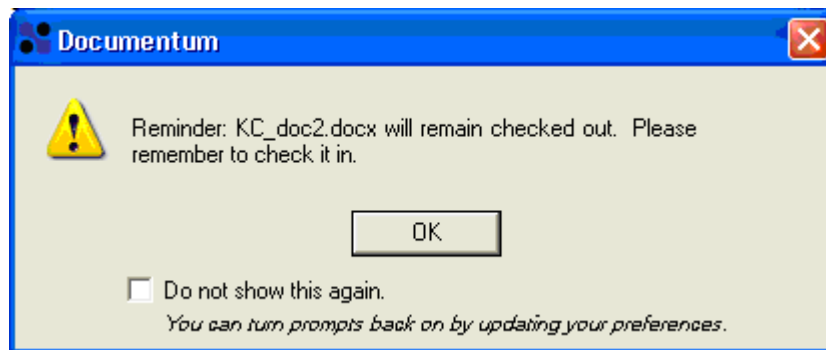
- [Save As usability improvements, page 38](#)
- [Custom Documentum menu label in dialog frames, page 39](#)

Save As usability improvements

Application Connectors for Word, Excel, and PowerPoint provide improved usability for Documentum->Save and Documentum->Save As actions.

- By default, the Documentum warning dialog appears when you open a document for edit. If you select the Do not ask again option in the Documentum warning dialog, then the default preference is not selected in Documentum® Preferences. You can set the warning preference in Documentum® Preferences when you open a document for editing, and use the Documentum® Save As option in Documentum Application Connectors applications.
- When you open Doc1 from the repository and perform Save As of Doc1 to Doc2, Doc1 remains checked out. However, a warning dialog box is displayed ().

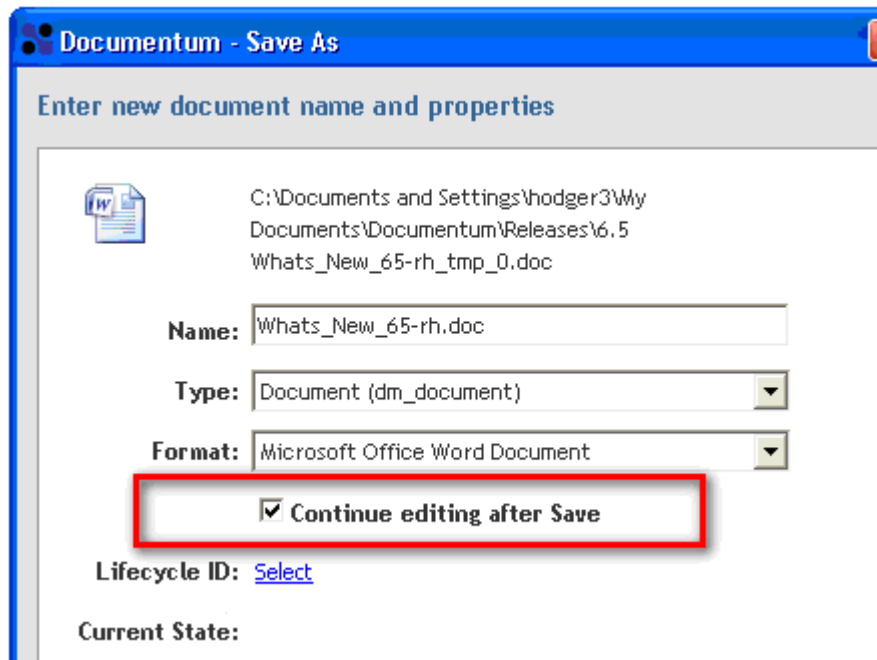
Figure 7. Reminder to check in original document during Save As operation



- An application administrator or IT developer can configure the text in the Save As warning dialog to fit customer terminology.
- When performing Save As of Doc1 from the local file system into the repository, Application Connectors creates Doc1 in the repository and checks it out for edit. This behavior mimics native

Microsoft Office behavior. If a user does not want to continue editing Doc1 (but wants to perform an Import), the user can choose to continue editing after the Save As () operation.

Figure 8. Option to continue editing after Saving a document into the repository



- When performing an Open or Save As operation, the user sees the relevant document format based on whether the user is in Word, Excel, or PPT.

Custom Documentum menu label in dialog frames

Customers can install Application Connectors and specify a custom label for the Documentum menu. If a customer defined a custom Documentum menu label in earlier releases of 6.5, that label did not appear correctly in dialog window frames. In 6.5, Application Connectors show the custom label instead of the string, "Documentum" in dialog window frames (e.g. in the Save As dialog).

Fixed Problems

Within two weeks of the release, a list of the fixed problems in the release will be posted on the EMC Powerlink website (<http://powerlink.EMC.com>). You must have a software support agreement to log in and access the list of fixed bugs.

To view the list of fixed problems:

1. Log in to the Powerlink website.
2. Select the **Search Support** tab, and then click **Advanced Search**.
The Search Support page appears.
3. Under the **Search Support** heading, click **All Support Resources** and select **Documents** from the list.
4. In the text field, type the product name.
5. Click **Show Advanced Options** to expand the Advanced Options pane.
6. Under **Document Type**, select **Fixed Bugs List**.
7. Click **Search** at the bottom of the Advanced Options pane.
8. Scroll down to see the search results listing the Fixed Bugs documents for each release of the product.
9. Click the document name to view the file.

Fixed problems

The following problems have been fixed:

Unable to import .msg files in the EMCMF format (DC-24)

If you enable messageArchive-support in the `wdk/app.xml` file, log on to Webtop on a Windows Vista Client computer, and import more than six (6) .msg files into the repository as EMCMF format files, the Transport exception occurs. The .msg files are not imported successfully in the EMCMF format.

When the primary server stops responding users are unable to perform operations in Webtop (WEBTOP-9604)

If Webtop is deployed on IBM WebSphere application server 7.0.0.5 in a clustered environment and the primary server stops responding, users are unable to perform operations in Webtop although another server is up and running.

Workaround:

Apply the following IBM WebSphere fix packs to resolve the `NullPointerException` issue in `CompoundClassLoader`, and to prevent deadlocking that occurs between class loading and logging:

- 7.0.0.5-WS-WAS-IFPK90343 - Corrects deadlocking that occurs between class loading and logging
- 7.0.0.5-WS-WAS-IFPK93952 - Corrects `NullPointerException` from `CompoundClassLoader`

When you perform a full text search, Webtop performance slows down considerably (WEBTOP-8696)

If you choose the option to view 100 search results per page and perform a full text search, Webtop performance slows down considerably.

You can enhance query performance, by disabling Folder path display. This requires a configuration change in `search60_component.xml` in the WebComponent layer, where you set the value of the `<displayresultspath>` parameter in `webcomponent/config/library/search/searchex/search60_component.xml` to *false*.

Unable to specify properties for linked documents while importing the parent document (WEBTOP-7962)

While importing a parent document that contains linked descendant documents, you cannot specify properties for the linked documents.

Unable to view the selected inbox while working with multiple repositories and inboxes (WEBTOP-8918)

When a user who is logged in to multiple repositories and working with multiple inboxes switches over to another inbox after working on one inbox, the first inbox continues to be displayed. The other inbox is displayed only when the user refreshes the browser.

Content specified in the User comments field is not reflected in the Description field (WEBTOP-7996)

When you check in a file into Webtop, content specified in the **User comments** field is not reflected in the **Description** field.

When you check out virtual documents a warning message is displayed and a read-only version of the document is checked out (WEBTOP-8666)

If a user selects the **All, root, and descendants** option while checking out a parent virtual document whose descendants the user has already checked out, or if a user selects the **All, root, and descendants** option while checking out a parent virtual document whose descendants are already checked out by another user, the following message is displayed and a read-only copy of the virtual document is checked out into your **Checkout** folder: "<document name> has been checked out in a different machine. A read-only copy of this document will be used."

Unable to delete the link to a document and an error occurs (WEBTOP-6022)

Consider a user with the **Browse** basic permission and the **Change location** extended permission on a linked document in a folder of the Home Cabinet. If such a user deletes the link in the destination folder of the Home Cabinet, an error message is displayed. The message indicates that the user does not have the **Delete** permission on the document and cannot delete the link to the document.

Data in numeric columns is sorted incorrectly (DCS-72)

Sorting works correctly if numeric columns contain numeric values only. However, sorting does not work on alphanumeric data in numeric columns.

An error occurs when Webtop users with the Version permission create a document (161635/WEBTOP-3945, WEBTOP-7159)

When a user with the **Version** permission creates a document (dm_document object) in Webtop, the "No write access" error occurs. However, a blank document is created successfully.

You can configure Webtop users with the **Version** permission to create dm_document objects by customizing the **newdocument_component.xml** file and setting the value of the <enabled> tag in the <wdk_new_doc_aspect> tag to *true*.

Modify the **newdocument_component.xml** file by adding the following code below the code for combo_defaults:

```
<wdk_new_doc_aspect>
<enabled>false</enabled>
<exclusion_list></exclusion_list>
</wdk_new_doc_aspect>
```

1. This configuration enables users who do not have the Delete permission on the object being created, to create a document as the object owner. For example, if you enable this behavior, users with the Version permission can create new documents.
2. When this option is enabled, the application attaches a temporary permission by attaching a new aspect and removes the aspect on the first version.
3. If you specify any custom types for dm_document, this behavior does not apply for these types even if the option is enabled in step 2.

Note: This configuration is supported from Documentum 6.5 SP2 and requires the Documentum 6.5 SP2 **Webtop.dar** to be compatible with the Content Server.

Missing MAXLENGTH support for string type of attributes (WEBTOP-4521)

Text input controls (dmf:text and derived controls) in Documentum do not support the MAXLENGTH attribute available in the HTML standard. This attribute limits the number of characters a user can enter in a text field.

Text input controls have been enhanced to support the MAXLENGTH attribute that can be defined for string type of attributes. If MAXLENGTH has been defined for a string type of attribute, the value of MAXLENGTH determines the maximum number of characters that a user can enter in a text field. For example, the MAXLENGTH attribute can be defined for a text control as follows:

```
<dmf:text name="txtSearch" id="txtSearch" size="35" maxlength="40"
```

```
defaultonenter="true" tooltipnlsid='MSG_GO' autocompleteid="ac_simplesearch"/>
```

Data bound controls such as **dmfx:docbaseattributevalue**, **dmf:docbaseattribute**, and **dmfx:docbaseattributelist** set the maximum input length of the text control to the length defined for the string type of attribute in the data dictionary.

An exception occurs when you set a repeating attribute for a custom field of an object (170393/WEBTOP-2473)

An exception occurs when you select a repeating attribute for a custom field of an object in Webtop.

Time out occurs while performing a second request for content using a DRL or weblink (164691)

While using a DRL or weblink to access the content, the first transfer works fine. However, subsequent requests fail. Depending on how the DRL is invoked, a blank browser window or the **ucf session wait timeout** error on the client side is displayed.

Deep export of a folder does not allow always and never to overwrite existing files (167447/WEBTOP-2726)

Deep export of a folder often contains lots of files, and it is not a viable option to confirm overwriting files for every file. This missing option limits the usability of the Deep export severely.

WDK-based application displays a time-out error if you belong to a larger number of groups (169501/WEBTOP-1257, WEBTOP-7356)

When you log in to a WDK-based application as a member of several groups (approximately of 30K-50K), the login process takes more time (~ 5-10 minutes) and a time-out error occurs.

Failed to convert the receive date java. text.ParseException: Unparseable date: "2008-12-02T18:32:29" (170760//WEBTOP-2496, WEBTOP-7262)

If you import an email message in Webtop (English) on an application server (English) and Content Server (English) that are set to Arabic regional settings, the import operation fails.

Mandatory user configuration on Firefox 3 for Webtop to display the absolute path of the file (170582//WEBTOP-2482, WEBTOP-7264)

In Mozilla Firefox 3.0.1, the file path of the document for Import Rendition, Checkin (UCF Mode), and Checkin (HTTP mode) is not displayed. In addition, only the document name is displayed and you are not allowed to perform further operations. See the **Enabling content transfer in Firefox** section in the *Web Development Kit and Webtop Deployment Guide, Version 6.5 SP2* for more details.

Cannot set state on datagrid controls (145191//WDK-262)

The state of datagrid controls is not guaranteed. For example, a checkbox within a datagrid can have an associated client-side or server-side event. However, the state of the checkbox is not maintained when the datagrid is refreshed.

An error occurs if the preference repository is unavailable when the application server is starting up (170670//WEBTOP-6100, WEBTOP-6813)

If the Webtop application is started when the preference repository is down, Webtop fails to detect whether the preference repository has become available again. In addition, Webtop is unable to recover from the preference repository unavailability while the application server starts up. When the application server starts up, an incorrect error message is displayed in the Webtop application.

An error occurs when the folder creation operation is terminated abruptly (WEBTOP-6280)

The Webtop application fails while canceling the creation of a new folder, and the [DM_API_E_NO_SESSION] error occurs.

An error occurs when a Workflow task is forwarded (WEBTOP-6286)

The Webtop application fails while forwarding a Workflow task, and the [DM_API_E_NO_SESSION] error occurs.

The 404 error message is displayed when you click the Help icon (WEBTOP-6547)

When you click the Help icon in the Choose a Location page that is displayed to remove locations from other repositories while creating a preset, the 404 error message is displayed. The relevant context-sensitive help must be authored and a new help ID must be mapped.

Webtop allows you to perform the Move Here operation on an attachment copied from an email message (WEBTOP-7510)

When you open an email message containing an attachment, copy the attachment to clipboard, close the message, navigate to the location to which to move the attachment, open the location, and select **Edit > Move Here**, the attachment is moved successfully.

Columns are not sorted properly in Workflow reports (WEBTOP-6341, WEBTOP-6674)

Date columns in a workflow report are sorted alphabetically and not by date. In addition, all columns can be sorted only in the ascending order and not in the descending order.

The "Edit successful" message appears after an error message indicates that the local copy of the file that is checked out is not available (WEBTOP-6877)

If you check out a file, delete it on the local machine, and select the same file in Webtop and choose the **Edit** option to edit the file, an error message is displayed. However, after you click **OK**, the message bar in Webtop displays the "Edit successful" message.

An additional error message is displayed when you try to check out a file that you have already checked out on a different machine (WEBTOP-6878, WEBTOP-5965)

If you check out a file that is currently checked out on another machine, Webtop prompts you to continue the checkout operation with a read only copy of the file or to abort the operation. When you choose to abort the checkout operation, an additional error message is displayed.

JAWS is unable to read the identifiers of some tabs while creating new objects (WEBTOP-3726)

Identifiers of the Create, Info, or Permissions tabs are missing. Therefore, JAWS is unable to read the tab identifiers when you access the tabs while creating new objects.

An error occurs when you add a child document to a subscribed virtual document in the Virtual Document Manager (WEBTOP-4826)

An error occurs when you open a virtual document from the Subscriptions node, and add a child document to it in the Virtual Document Manager.

The descendant XML file is not checked out into the Checkout folder when the XML virtual document is checked out (WEBTOP-5896)

If you add a descendant document to a parent XML virtual document separately in Webtop, and then check out the parent virtual document with all its descendants, the descendant file you added to the parent XML document is not checked out into the Checkout folder. In addition, the descendant file is lost after the parent virtual document is checked in to Webtop.

An error occurs when a keyword in a document is edited simultaneously (WDK-566)

The following warning message is displayed when multiple users edit the same document simultaneously, and save the document: "Another user may have modified the properties since you viewed them. OK to overwrite?" If you click **Yes**, the document is overwritten.

Changes made in a parent XML file are lost and versioning fails when only the root file is checked in (WEBTOP-5903)

When you check out an XML file that contains multiple descendant files by selecting the **Root only** option, and then check in the parent file back into Webtop, the parent file is not versioned. In addition, although the file is physically removed from the local folder, all changes made to the XML file are lost.

Performance is impacted when you sort a folder containing a large volume of subfolders and files and non-standard display columns (WEBTOP-5942)

If a folder contains many subfolders and files (for example, 24000 objects), and it also contains additional non-standard display columns, (for example, "Lifecycle" and "Lifecycle State" columns), sorting the folder contents based on the "Lifecycle" or "Lifecycle State" column, slows the performance.

Webtop application is vulnerable to SQL injection attack (WEBTOP-2666, WEBTOP-5951)

The Webtop application is vulnerable to blind SQL injection attacks.

Custom attribute values are truncated when they are saved if the values contain the single quotation mark (') character (WEBTOP-6002)

When you create a custom type document with a property that contains the single quotation mark (') character in its value, and you save the document, the value of the custom attribute is truncated when you view the properties of the document.

When multiple files are checked in by selecting the "None" format, only the last file is checked in (WEBTOP-6027)

When you check in multiple files into Webtop using the **None** format, only the last file is checked in, while the remaining files remain checked out.

An error occurs when you view search results from federated multiple repositories (WEBTOP-6077)

An error occurs while viewing search results from federated multiple repositories. Webtop continues to function erratically after you close the error message and refresh the Webtop browser window.

Unable to drag and drop files from the local machine into Webtop (WDK-1585, WEBTOP-6088, WDK-1799)

When you drag and drop files containing a comma in their names from the local machine into Webtop, an error occurs.

Lotus Notes and Documentum Webtop stop responding when a document is dragged and dropped from Webtop into Lotus Notes (WEBTOP-6091)

When you drag and drop a document from Documentum Webtop to Lotus Notes, Webtop and Lotus Notes stop responding.

Unable to import a document by dragging and dropping it into Webtop if the document name contains a semicolon (WEBTOP-6140)

If you import a document whose file name contains a semicolon into Webtop using the drag and drop feature, a JavaScript error occurs and the import operation fails.

Unable to import multiple msg files as a specific custom type (163339, 164694, 164964/WEBTOP-6184, WEBTOP-6767)

If import_component.xml is configured to import only a specific custom_type of msg files, import of multiple msg files of the specified custom_type fails. Only one file is successfully imported as the specified custom_type of file, and the other files remain as dm_email_message type.

Unable to view a checked in document in the Read Only mode (WEBTOP-6252)

When you view a document that you checked out and checked in to Webtop, the document is not opened in the Read Only mode. Instead, a separate Webtop login page is opened and the View window stops responding. If you close the View window and the new Webtop login page and then view the document again, the currently open Webtop window is refreshed.

Junk characters are displayed in emcmf files imported as Hebrew or Arabic msg files and converted to emcmf format (WEBTOP-6490)

If you import a .msg file containing 2-byte characters such as messages in the Hebrew or Arabic language, and view the emcmf file, junk characters are displayed in place of the Hebrew or Arabic characters.

An error occurs when you click a column containing repeating integers to sort the results list (157920/WDK-1587)

An error occurs when you click a column containing repeating integers to sort the results based on the selected column.

An exception occurs while downloading files from Webtop and DAM (WDK-1592)

The ClassCastException occurs if you download files from Documentum Asset Manager (DAM) when Accelerated Caching Services (ACS) and Branch Office Caching Services (BOCS) are disabled.

UCF error occurs when you log in to Webtop with SSO while the resident UCF invoker is enabled (WEBTOP-6397)

When you log in to Webtop in the eTrust Siteminder Single Sign-on (SSO) environment where the resident UCF invoker is enabled, the "Failed to connect to server" UCF error occurs.

Dragging and dropping a file from Webtop into an application copies a zero-byte file (WEBTOP-5940, WDK-1617, WDK-1780)

When you drag and drop a file from the Webtop application into a message in MS Outlook or any application, a zero-byte file is transferred.

Importing an email message fails for Arabic regional setting (170760/WEBTOP-2496)

If you run Webtop on Windows 2008/Vista with [Arabic-AR] as a regional setting at operating system level, the EMC MF (dm_message_archive) import fails with NullPointerException.

If two different users select an attribute that has a value list on the Advanced Search page, the second user gets an exception (168811/WEBTOP-1224)

If two different users select an attribute that has a value list on the Advanced Search page, an error occurs for the second user. This error occurs if you have applied a hot fix for Bugs/Feature Requests 160047, 160041, 160761. If you have not applied the hot fix, then the second user will not encounter this error.

Importing a .msg file with a different object name and a different subject name results in the subject name becomes the object name after import (160296/WEBTOP-4835, WEBTOP-7074)

When you enable messageArchive-support, and import a .msg file with a different object name and a different subject name results in the subject name change to the object name after import.

Import of an XML document using the DCTM Tech Pubs XML application fails (DC-55)

If Webtop prompts you to provide the path to missing graphics associated with the source XML document you are importing as a chunk_type of file associated with the DCTM TechPubs XML application, an exception occurs and the XML document fails to be imported although you provide the path to the graphics and click **Continue**.

Sorting fails when search results are sorted based on a new column that is added after the search operation is performed (WEBTOP-4457)

After performing a search operation that returns results, which span several pages, if you add a new column using the **Column Preferences** option in the Search Results page, and sort the results based on the new column, the results are arranged randomly and not alphabetically.

Presets scoped to a folder are not applied to its subfolders (WDK-1599, WDK-1788)

Presets scoped to a folder are not applied to its subfolders.

The left panel is not refreshed when folders are moved across the left and right panels or within the left panel (WEBTOP-4696)

When a folder that is displayed in the right and left panels is dragged and dropped across panels or within the left panel, the left panel is not refreshed.

For example, when a folder is dragged from the right panel and dropped in the left panel, the folder is not displayed at the new location in the left panel, but it continues to be listed at the old location in the left panel. However, since the right panel is refreshed, the folder is not displayed in the right (source) panel. Further, if a folder is dragged from the left panel and dropped at another location in the right panel, the folder continues to be displayed in the left panel, while it is also displayed at the new location in the right panel. In addition, if a folder is dragged from the left panel and dropped in another folder in the same panel, while the folder continues to be displayed at the source location in the left panel, it is not displayed at the destination location in the left panel.

Drag and drop of files from or to the My Files node is not supported (WEBTOP-2026, WEBTOP-7298)

Webtop users are not allowed to drag and drop files from or to the **My Files** node.

Items selected in the list view are not unselected when you click outside the list view interface (WEBTOP-4945)

If you select multiple items in the list view of the Webtop interface by holding down the Shift or Control key and click outside the list view, the items selected in the list view are not unselected automatically.

Users are allowed to perform the right-click operation in the browser tree of the Webtop interface (WEBTOP-6057)

Webtop users are allowed to perform the right-click operation in the browser tree of the Webtop interface, and select the required options.

WebLogic: XML files lose reference to external entities (132735/DC-1228, DC-2064)

Some XML entities are lost when the import, export, view, or checkout operation is performed on a WebLogic application server. The dtd file is available but the xml file is missing the references to external entities. For example, in the following text "100–200" the entity – is lost and the text becomes "100200".

UCF open threads can lead to server crash (115127/WEBTOP-4597, WEBTOP-7100, 133197/DC-1229, DC-2062, DC-2063)

UCF has open threads on the application server until the user session times out. These open threads consume memory and can exceed the application server VM maximum thread count, causing the server to hang or crash.

No restore button on preferences page (138410)

The preferences UI is missing the **Restore to defaults** button.

Name of new group added to calendar event attendees list replaces existing groups (138470)

When an event is created in the calendar with group1 as attendees, and this event is edited to add group2 to the Attendee list, group2 replaces group1 (and all other groups) instead of getting added to the list.

Unable to remove users from calendar event attendee list (138472)

Once an event is created in a calendar with users or groups as the attendees, they cannot be removed while editing.

Changing the items-per-page setting can turn off pagination (139122)

If you run a full-text search, change the number of items displayed per page, then edit and re-run the search, you cannot page through the results. Pagination is turned off.

Data table number field rejects some content (139179)

In a data table number field, you are unable to save non-numeric characters, such as punctuation used in currency values, phone numbers, and zip codes. The following error occurs: `invokeMethod() failed while calling: on Ok Failed to save object : [DM_VALIDATION_E_FORMAT]error: "value must conform to format: {0}."`

Start with another preset on wrong tab (139411)

The selection **Start with another preset** is on the Setup tab of the presets editor, but it should be on the Rules tab, because only the rules from another preset can be copied, not the scopes. When the user selects another preset, they will need to select a different scope. If they select the same scope, the preset is not allowed because it would override the previous preset.

Need to click twice to add files for import (139591)

The import file selector window requires one click to activate the add files applet, and another click for the **Add Files** button.

The Save To Repository option is not available when right clicking on an external search result (139781/WEBTOP-170, 134651)

The "Save To Repository" option is not available when right clicking on an external search result. The option is still available in the File menu.

When secondary link to a calendar event is deleted, prompt to delete the link only or the event and all links is not displayed (141185)

When you delete a link to a calendar event, the following prompt appears: "All recurrences and exceptions of event event_name will be deleted. Are you sure you want to delete this event?" If you click OK, the primary event and its secondary links are deleted. There is no way to delete the secondary link only.

Member picker displays 0000000000000000 if row saved with no member chosen (141416)

Member picker displays a row of zeros (0000000000000000) if the row is saved with no member chosen. In that case the row should be empty.

Object ID is labeled as r_object_id (142516, 142771/CS-8111, CS-10070)

The label for object IDs is not picked up from the data dictionary on the properties page. The ID should be labeled "Object ID" but instead is labeled "r_object_id".

Custom attributes not displayed in search results unless configured as visible (143408)

By design, if loadinvisibleattributes is set to true in the basic search component definition, all columns in the configuration will be queried so that a user can display them by adding visible columns in the search results UI. However, custom attributes listed in the search definition are not queried unless their visibility is set to true. This applies to search results for both basic and advanced search.

Workaround: Set the visibility of all custom attributes in the basic search definition to true.

Create Room role is not enough to copy room with local groups (143686)

A room member in the Create Room role but without CREATE GROUP privilege can copy and paste a room, but an error appears and the room is created without local groups and contents. The workaround is to give such a member CREATE GROUP privilege.

Member displays as ID instead of name after editing member field in data table (143761)

In a data table with a members field that is edited so that the "Show only" option selected, in entries with members not included in the "Show only" list, those members display as IDs, not display names (for example, "1101939c80000154" instead of "cinadmin").

Disabled links do not display as disabled (145229)

The link control does not have a disabledcssclass attribute, so disabled links do not appear different from enabled links.

Creating a note causes error unless application server is restarted after installing DCE DocApp (149678)

If the application server has not been restarted after installing the version 6 SP1 DCE DocApp, creating a new note results in a Java NoSuchMethod error. After restarting the application server, you can create a note successfully.

Creating a note in a room or creating a room with a banner graphic results in an error (149769)

When the ACL model is set to inherit from folder (not the default setting), and the 5.3 DCE DocApp is installed with a D6 SP1 application server and D6 SP1 Content Server (the default configuration for a repository before you install the D6 DCE DocApp), you can neither create a note in a room nor create a room with a banner graphic. Installing the D6 DCE DocApp resolves this problem.

After changing the entry node in Webtop, the browser tree displays a strange node (159616)

After changing the entry node in Webtop from homecabinet_classic to cabinets in the dam_browsertree_component.xml in the custom folder, within the Home Cabinet, the browser tree displays the parent folder. The browser tree does not display the child folder under the parent folder. This appears only within the Home Cabinet.

Help page does not get displayed for Properties page (159710)

There is no help page associated with the Repeating attributes component (for example, Properties page).

Help page is not working in the export contents to CSV (160091)

Help page does not get displayed as there is no help context for export to CSV.

Search operation on a full text enabled repository fails when the full name of the document to be searched is not entered for the search criteria (160675)

The search result does not display the document if you don't enter the full name of the document on a full text enabled repository.

Changes made to the option for the Section to start in to Webtop Preferences, redirects to the same page as before after re logging (161369/WEBTOP-5547, WEBTOP-6995)

When you change the option for the Section to start in, the changes made to Webtop Preferences does not reflect after you log on to Webtop again.

Export operation of folder containing EMCMF format file with : fails (161370)

When you export a folder that contains EMCMF format file with ':' fails.

Parsing an email message body that contains rich text content with embedded images throws an error (161420)

An error is thrown when parsing an email message body that contains rich text content with embedded images instead of successful parsing of the message body.

When you add to the clipboard and copy an EMCMF format file to a different location or same location fails but does not fail if the EMCMF format file has an attachment then that attachment folder gets copied (161507)

For dm_message_archive object type, in order to copy a message with the same message_id, you need to drop the unique constraint on dm_message_archive object type. The following is the DQL to get the constraint Name:

```
SELECT name FROM dmi_index WHERE index_type IN  
(select r_object_id from dm_type WHERE name = 'dm_message_archive')  
AND is_unique=1 AND attr_count=3;
```

Without dropping the constraint, if you try to perform a copy operation on dm_message_archive object type, the operation displays an error. If dm_message_archive object type has an attachment folder, then the attachment folder gets copied and cannot be rolled back.

Data loss while canceling the Save As operation (163107)

When you perform canceling the Save As operation, it results in data loss.

Workaround: Perform the local save, and then Documentum->Save As operation.

Unable to attach a lifecycle to an EMCMF file (163753)

The life cycle that is attached to a .msg file during an import operation does not reflect in the EMCMF file.

Workaround: You can attach a lifecycle to the `dm_message_archive` object is to import a msg file, open the properties page and then apply the lifecycle to the EMCMF file.

Error while importing an email message with .jpeg, .bmp and .pdf attachments (163853)

When you import an email message with .jpeg, .bmp, and .pdf attachments results in a java heap space error.

Webtop displays Cabinet contents when you try to view EMCMF file format in thumbnail view (164357)

Log on to Webtop that uses a repository configured with thumbnail and MTS/ADTS. When you try to view the EMCMF format by clicking the EMCMF object icon or through file-view, Webtop displays Cabinet contents instead of opening the EMCMF file.

Unable to create a document of `dm_message_archive` type (164381)

Webtop does not support creating an object of type `dm_message_archive`. If you create an object of type `dm_message_archive`, the object gets created once but this object may not have the required information and hence this object will not be usable.

Trying to delete an EMCMF format file which contains an attachment that in turn contains an attachment pops up an error (164492)

Log on to Webtop in Archive mode. If you try to delete an EMCMF file that contains an attachment and that attachment has an attachment throws an error.

Drag and Drop of EMCMF file to .msg format fails (164652)

Log on to Webtop and enable Drag and Drop in Preferences from Tools. When you drag and drop an EMCMF file from Webtop to Desktop, Webtop throws an error "Failed to retrieve file". With the new Email Xtender executable (ExMRE.exe), Drag and Drop fails in Webtop.

The ucf session wait timeout occurs when you perform a second request for viewing content using a DRL or Web-link (164691/WEBTOP-6322)

Log on to Webtop and create a Web-link or DRL to a document. Ensure that you close all browser windows, and kill all javaw.exe to make sure that you have a clean start. Click on the Web-link, and log on to Webtop and click View. Close the viewer application and click on the Web-link again and a new browser window will open. The browser hangs with a blank screen, and then you see a **ucf session wait timeout** message.

Unable to open the attachment in a folder attached to a Task (165474)

Webtop does not allow you to open an attachment if the folder to which the attachment belongs is attached to a task in the Inbox.

In Web Workflow Manager, clicking Help on the Select Alias Set Dialog results in an error (132064/WEBTOP-2090)

In Web Workflow Manager, clicking the **Help** button on the Select Alias Set Dialog results in an error.

Unable to change the checkout location preference in Webtop (171066/WEBTOP-2538)

In Webtop General Preferences page (**Tools > Preferences > General** tab), you have an option to change the checkout location directory (where all the checked out files gets stored) on your local machine. When you change the checkout location directory name, the new directory name does not get updated.

Workaround: If you want to have a different checkout location on your local machine, please navigate to `<USER_HOME>\Documentum\ucf\<Machine Name>\shared\config\ucf.client.config.xml` (for example, `C:\Documents and Settings\user1\Documentum\ucf\machine1\shared\config\ucf.client.config.xml`). Then, change the value of `checkout.dir` option to the new directory name.

You *must* restart the browser and the UCF client runtime (javaw.exe) on your local machine.

You can change the value as shown:

From

```
<option name="checkout.dir">  
<value>C:\Documentum\Checkout</value>  
</option>
```

To

```
<option name="checkout.dir">  
  <value>New directory name</value>  
</option>
```

Documentum menu continues to appear after uninstalling Documentum Application Connectors (169961/DAC-266, DAC-497)

Although Documentum Application Connectors is uninstalled, the **Documentum** menu continues to appear in Microsoft Word.

The scope location configuration defined as a preset for the new folder is not used while creating a folder (DAC-488)

The scope location configuration for the new folder component defined in the `webtop/custom/config/newfolder_component.xml` file does not work in the Application Connector. When a user creates a folder using the **Open** or **Save as** option in the **Application Connector** menu, the scope location configuration that is defined as a preset in the `newfolder_component.xml` file, is not used to create the folder.

Backward Compatibility of Documentum Application Connectors (159474)

The Documentum Application Connectors 6.5 is compatible only with Webtop 6, 6.0 SP1, and 6.5. You have to point to Webtop 6, 6.0 SP1, and 6.5 for DAC 6.5 MS Outlook to work during installation.

Unable to install Documentum Application Connectors (DAC) using msiexec command (165024)

Using `msiexec /i "Documentum-AppConnectors-Client.exe" /q ALLUSER=1` command throws 'This installation package could not be opened. Contact the application vendor to verify that this is a valid Windows Installer package'

Workaround: Install DAC using the following command:

```
Documentum-Appconnectors-Client-5.3.exe /s /v"qn WEBTOPURL=http://10.31.105.26:8080/webtop"
```

Do you want to overwrite the already existing files dialog appears while viewing the EMC MF format message from the repository for the second time (165102/DAC-368)

When you try to open an EMC MF format message for the second time, 'Do you want to overwrite the already existing files' dialog box appears instead of opening the mail.

Fixed limitations specific to version 6

The following limitation specific to version 6 have been fixed.

Cookie error on switching between 5.3.x and version 6 applications (136509)

When the browser connects to both 5.3.x and version 6 WDK-based applications with the same alias on the same host, a cookie error is displayed and some JavaScript is cached that can interfere with proper behavior. The cookie error is similar to the following:

```
java.lang.IllegalArgumentException: Cookie name "$17" is a reserved token
javax.servlet.http.Cookie.<init>(Cookie.java:140)
```

Workaround: Use two different aliases, for example, webtop and webtop2, or run one application on a different port. If you must use the same alias, delete the Documentum cookie (username@WDK_hostname) and clear the browser JavaScript cache. The cookie is named for the user and the WDK application host, for example, alyosius@127.0.0[1].txt.

Insufficient memory allocation errors (144882)

With an allocation of 512 MB RAM on Tomcat, and a test of 50 users for 2.5 days, the application server crashes with an out of memory error.

Workaround: Use the Documentum System Sizing Guide to calculate system requirements.

WebSphere: Forms cannot be created or edited (145067)

Forms cannot be displayed by an application on WebSphere. One of the following pop-up errors is displayed:

```
invokeMethod() failed while calling: onNext
Class org/w3c/dom/document violates loader constraints
```

```
java.lang.VerifyError:  
com/documentum/tools/xforms/ResourceUtility.converKeyValuePairsToDOM(  
Ljava/util/Map;)Lorg/w3c/dom/Document;
```

Workaround: Perform the following steps.

1. Download the file Hotfix_for_bug_145067.zip on the Forms Builder download site and extract the files..
2. Extract the archive Bug145067_HotFix_Docapp.zip and use DAI 5.3 SP5.5 to install it to the global repository.
3. Place XFormsCommon.jar into WEB-INF/lib under the application root directory, overwriting the existing jar file.
4. Solaris only: Remove xml-apis.jar and xmlrpc-1.2-b1.jar from the Webtop or Records Manager WAR file. These jar files are located in WEB-INF/lib under the application root directory.

Environment and System Requirements

This chapter lists the hardware (machine) requirements and software versions supported with this release. Machine resources, non-Documentum software components (Operating System, Java Runtime Environment, and so forth), and other EMC Documentum products determine the unique environment for each EMC Documentum product. [Hardware requirements, page 65](#), addresses basic machine resource requirements. [Software requirements, page 66](#), addresses specific software versions that are required for the installation platform.

Webtop operates on a browser client and on a web application server. When the supported environments for the browser client and web application server are the same, they can be on the same machine. Otherwise, they need to be on different machines.

Documentum Application Connectors (DAC) operates on a client machine and Microsoft Office support that accesses a WDK application running on a web application server.

Hardware requirements

This section lists nominal machine resources required for product installation and use. Your individual machine requirements vary depending on factors such as the number of products installed, size of your deployment, number of users, and network latency. The *Documentum System Sizing Tool* dynamically generates estimates of your hardware resource requirements based on your user and hardware profile.

You can download the Documentum System Sizing Tool from the Powerlink website (<http://powerlink.emc.com>) by navigating to: **Home > Support > Technical Documentation and Advisories > Software ~ D ~ Documentation > Documentum System > Systems Sizing**.

Browser machine requirements

For WDK-based client applications, you need a client machine capable of running the supported software configurations listed in [Browser environment, page 67](#), plus whatever disk space, RAM, or CPU requirements that may be specified by third-party products such as Microsoft Office.

WDK-based client applications may install applets and a JRE on the client machine. This requires approximately 100 MB of free hard disk space. Additionally, you need sufficient free disk space to handle checked-out and cached documents.

Web application server machine requirements

The [Table 1, page 66](#) provides nominal resource requirements for Webtop on a web application server machine. Webtop on an application server machine is used by both the Webtop client and the Documentum Application Connectors clients.

Table 1. Web application server machine requirements

Hard disk space [1]	RAM [2]	CPU
Minimum: 600 MB for one application 1 GB for two applications Recommended: 800 MB for one application 1.2 GB for two applications	2 GB	800 Mhz (minimum), 1 GHz or greater (recommended)

Note: The following specific notes apply to the web application server machine requirements table:

- [1] You must also have sufficient free disk space to handle temporary content transfer files, which can vary substantially from one enterprise to another.
- [2] The amount of RAM that is available after taking into consideration all other RAM utilization requirements.

Software requirements

This section provides information on supported software environments.

The tables in this section reflect the latest versions of third-party products, upon which the EMC Documentum product depends, that are supported at the time of this release. EMC Documentum recommends that you upgrade third-party products to the version listed for this release. If you cannot upgrade your third-party products to the version listed for this release, EMC Documentum continues to support all third-party product versions supported for EMC Documentum product versions 6.x and 5.3x, with the following caveats:

- the third-party product is not of the same or earlier version than those versions listed in [Table 2, page 67](#)
- the third-party product version is still supported by the third-party vendor
- the third-party product version is forward compatible with the version supported in this release.

For information on currently supported environments and future updates, refer to the Product Information System on the Powerlink website: <http://powerlink.emc.com>.

Table 2. Third-party product versions not supported in this release

Product Category	Third-party product	Version
Operating System	Windows	2000 SP2 Update Rollup 1
	Mac OS X	10.2.8, 10.3.9
	Solaris	8
	AIX	5.2
	HP-UX	HP-UX 11
	Red Hat Enterprise Linux	3.x
Database	Oracle 9i	9.2.0.8, 10.1.0.5
	SQL Server	2000 SP4
	DB2 UDB	8.1 FixPak 14, 8.2 FixPak 7
Application Server	BEA WebLogic Server	8.1 SP6
	Tomcat	5.0.28
	IBM WebSphere AS	5.1.1.13, 6.0.2.17
	Oracle AS 10g	9.0.4.3, 10.1.2
Browser	Mozilla	1.7.13
	Netscape	7.2
	Safari	1.3.2
JRE (Client)	Sun JRE	1.4.2_13
	Microsoft JVM	5.0.0.3810
	Apple Java	1.3.1 Release 2
Java (Server)	Java	1.4.x
Portal Server	BEA WebLogic Portal	8.1 SP6
	IBM WebSphere Portal	5.1.0.4

Browser environment

Users access Webtop through web browsers. The software environment consists of a specific combination of operating system, browser, and JRE. The browser environment table for Webtop (Table 3, page 68) lists the JRE version in only those cells for a supported operating system/browser configuration.

Note: Users access Documentum Application Connectors through Microsoft Office applications but do require the supported browser and JRE listed in the following table.

Table 3. Browser environment for Webtop

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Windows XP SP3 (32-bit version)	IA-32, x64	Sun JRE 1.4.2_19		Sun JRE 1.4.2_19			Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	Sun JRE 1.4.2_19		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	
Windows XP SP3 (32-bit version)	IA-32, x64	Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22			Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0, 11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Windows XP SP3 (32-bit version)	IA-32, x64	Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17			Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			
Windows Vista SP2 (32-bit version)	IA-32, x64				Sun JRE 1.4.2_19		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	Sun JRE 1.4.2_19		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0, 11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Windows Vista SP2 (32-bit version)	IA-32, x64				Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	
Windows Vista SP2 (32-bit version)	IA-32, x64				Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Windows 7 (32-bit version)	IA-32, x64				Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			
Windows 7 (32-bit version)	IA-32, x64				Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0, 11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Windows Server 2003 R2 with SP2 (32-bit version)	IA-32, x64		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	Sun JRE 1.4.2_19		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0, 11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Windows Server 2003 R2 with SP2 (32-bit version)	IA-32, x64		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Windows Server 2003 R2 with SP2 (32-bit version)	IA-32, x64		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Windows Server 2003 SP2 (32-bit version)	IA-32, x64		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	Sun JRE 1.4.2_19		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	
Windows Server 2003 SP2 (32-bit version)	IA-32, x64		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Windows Server 2003 SP2 (32-bit version)	IA-32, x64		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	
Windows Server 2008 R2 (32-bit version)	IA-32, x64				Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Windows Server 2008 R2 (32-bit version)	IA-32, x64					Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			
Mac OS X 10.4.11	PowerPC, IA-32, x64										Java for Mac OS X 10.4 Release 9 (1.4.2_21)	Java for Mac OS X 10.4 Release 9 (1.4.2_21)	Java for Mac OS X 10.4 Release 9 (1.4.2_21)		Java for Mac OS X 10.4 Release 9 (1.4.2_21)

		Browser & Java Plug-In for Webtop														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Mac OS X 10.4.11	PowerPC, IA-32, x64											Java for Mac OS X 10.4 Release 9 (1.5.0_19)	Java for Mac OS X 10.4 Release 9 (1.5.0_19)	Java for Mac OS X 10.4 Release 9 (1.5.0_19)		Java for Mac OS X 10.4 Release 9 (1.5.0_19)

		Browser & Java Plug-In for Webtop														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Mac OS X 10.5.8 Update v1.1	PowerPC, IA-32, x64											Java for Mac OS X 10.5 Update 5 (1.4.2_22)	Java for Mac OS X 10.5 Update 5 (1.4.2_22)		Java for Mac OS X 10.5 Update 5 (1.4.2_22)	

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Mac OS X 10.5.8 Update v1.1	PowerPC, IA-32, x64										Java for Mac OS X 10.5 Update 5 (1.5.0_20)	Java for Mac OS X 10.5 Update 5 (1.5.0_20)		Java for Mac OS X 10.5 Update 5 (1.5.0_20)	Java for Mac OS X 10.5 Update 5 (1.5.0_20)

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Mac OS X 10.5.8 Update v1.1	x64										Java for Mac OS X 10.5 Update 5 (1.6.0_15)	Java for Mac OS X 10.5 Update 5 (1.6.0_15)		Java for Mac OS X 10.5 Update 5 (1.6.0_15)	Java for Mac OS X 10.5 Update 5 (1.6.0_15)

		Browser & Java Plug-In for Webtop														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Mac OS X 10.6.1	PowerPC, IA-32, x64										Java for Mac OS X 10.5 Update 5 (1.4.2_22)	Java for Mac OS X 10.5 Update 5 (1.4.2_22)		

		Browser & Java Plug-In for Webtop														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Java for Mac OS X 10.5 Update 5 (1.5.0_20)	Java for Mac OS X 10.5 Update 5 (1.5.0_20)													

		Browser & Java Plug-In for Webtop														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Mac OS X 10.6.1	x64											Java for Mac OS X 10.5 Update 5 (1.6.0_15)	Java for Mac OS X 10.5 Update 5 (1.6.0_15)			Java for Mac OS X 10.5 Update 5 (1.6.0_15)
Solaris 10	Ultra-SPARC											Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			

		Browser & Java Plug-In for Webtop														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
RHEL 4.8	IA-32, x64											Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			
RHEL 4.8	IA-32, x64											Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			
RHEL 5.4	IA-32, x64											Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
RHEL 5.4	IA-32, x64										Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			
RHEL 5.4	IA-32, x64										Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		SUSE Linux Enterprise Desktop 10 SP3	IA-32, x64										Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	
SUSE Linux Enterprise Desktop 10 SP3	IA-32, x64										Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			

		Browser & Java Plug-In for Webtop														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
SUSE Linux Enterprise Desktop 10 SP3	IA-32, x64											Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			
SUSE Linux Enterprise Desktop 11	IA-32, x64											Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		SUSE Linux Enterprise Desktop 11	IA-32, x64										Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	
SUSE Linux Enterprise Server 10 SP3	IA-32, x64										Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		SUSE Linux Enterprise Server 10 SP3	IA-32, x64										Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	
SUSE Linux Enterprise Server 10 SP3	IA-32, x64										Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			

		Browser & Java Plug-In for Webtop													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		SUSE Linux Enterprise Server 11	IA-32, x64										Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	
SUSE Linux Enterprise Server 11	IA-32, x64										Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			

The browser environment table for Documentum Application Connectors ([Table 4, page 94](#)) lists the JRE version in only those cells for a supported operating system/browser configuration.

Note: Users access Documentum Application Connectors through Microsoft Office applications but do require the supported browser and JRE listed in the following table.

Table 4. Browser environment for Documentum Application Connectors

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Vista SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Windows XP SP3 (32-bit version)	IA-32, x64	Sun JRE 1.4.2_19		Sun JRE 1.4.2_19			Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	Sun JRE 1.4.2_19		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	
Windows XP SP3 (32-bit version)	IA-32, x64	Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22			Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Windows XP SP3 (32-bit version)	IA-32, x64	Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17			Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			
Windows Vista SP2 (32-bit version)	IA-32, x64				Sun JRE 1.4.2_19		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	Sun JRE 1.4.2_19		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Windows Vista SP2 (32-bit version)	IA-32, x64				Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	
Windows Vista SP2 (32-bit version)	IA-32, x64				Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Windows 7 (32-bit version)	IA-32, x64				Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			
Windows 7 (32-bit version)	IA-32, x64				Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0, 11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Windows Server 2003 R2 with SP2 (32-bit version)	IA-32, x64		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	Sun JRE 1.4.2_19		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0, 11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Windows Server 2003 R2 with SP2 (32-bit version)	IA-32, x64		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0, 11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Windows Server 2003 R2 with SP2 (32-bit version)	IA-32, x64		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0 [1]	Firefox 3.0, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Windows Server 2003 SP2 (32-bit version)	IA-32, x64		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	Sun JRE 1.4.2_19		Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			
Windows Server 2003 SP2 (32-bit version)	IA-32, x64		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Windows Server 2003 SP2 (32-bit version)	IA-32, x64		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	
Windows Server 2008 R2 (32-bit version)	IA-32, x64				Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22		Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Windows Server 2008 R2 (32-bit version)	IA-32, x64					Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17		Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			
Mac OS X 10.4.11	PowerPC, IA-32, x64										Java for Mac OS X 10.4 Release 9 (1.4.2_21)	Java for Mac OS X 10.4 Release 9 (1.4.2_21)	Java for Mac OS X 10.4 Release 9 (1.4.2_21)		Java for Mac OS X 10.4 Release 9 (1.4.2_21)

		Browser & Java Plug-In for Documentum Application Connectors														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Mac OS X 10.4.11	PowerPC, IA-32, x64											Java for Mac OS X 10.4 Release 9 (1.5.0_19)	Java for Mac OS X 10.4 Release 9 (1.5.0_19)	Java for Mac OS X 10.4 Release 9 (1.5.0_19)		Java for Mac OS X 10.4 Release 9 (1.5.0_19)

		Browser & Java Plug-In for Documentum Application Connectors														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Mac OS X 10.5.8 Update v1.1	PowerPC, IA-32, x64											Java for Mac OS X 10.5 Update 5 (1.4.2_22)	Java for Mac OS X 10.5 Update 5 (1.4.2_22)		Java for Mac OS X 10.5 Update 5 (1.4.2_22)	

		Browser & Java Plug-In for Documentum Application Connectors														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Mac OS X 10.5.8 Update v1.1	PowerPC, IA-32, x64											Java for Mac OS X 10.5 Update 5 (1.5.0_20)	Java for Mac OS X 10.5 Update 5 (1.5.0_20)		Java for Mac OS X 10.5 Update 5 (1.5.0_20)	Java for Mac OS X 10.5 Update 5 (1.5.0_20)

		Browser & Java Plug-In for Documentum Application Connectors														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Mac OS X 10.5.8 Update v1.1	x64											Java for Mac OS X 10.5 Update 5 (1.6.0_15)	Java for Mac OS X 10.5 Update 5 (1.6.0_15)		Java for Mac OS X 10.5 Update 5 (1.6.0_15)	Java for Mac OS X 10.5 Update 5 (1.6.0_15)

		Browser & Java Plug-In for Documentum Application Connectors														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Mac OS X 10.6.1	PowerPC, IA-32, x64											Java for Mac OS X 10.5 Update 5 (1.4.2_22)	Java for Mac OS X 10.5 Update 5 (1.4.2_22)			

		Browser & Java Plug-In for Documentum Application Connectors														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		Java for Mac OS X 10.5 Update 5 (1.5.0_20)	Java for Mac OS X 10.5 Update 5 (1.5.0_20)													

		Browser & Java Plug-In for Documentum Application Connectors														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Mac OS X 10.6.1	x64											Java for Mac OS X 10.5 Update 5 (1.6.0_15)	Java for Mac OS X 10.5 Update 5 (1.6.0_15)			Java for Mac OS X 10.5 Update 5 (1.6.0_15)
Solaris 10	Ultra-SPARC											Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			

		Browser & Java Plug-In for Documentum Application Connectors														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
Solaris 10	Ultra-SPARC											Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			
Solaris 10	Ultra-SPARC											Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			
RHEL 4.8	IA-32, x64											Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
RHEL 4.8	IA-32, x64										Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			
RHEL 4.8	IA-32, x64										Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			
RHEL 5.4	IA-32, x64										Sun JRE 1.4_2_19	Sun JRE 1.4_2_19			

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
RHEL 5.4	IA-32, x64										Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			
RHEL 5.4	IA-32, x64										Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			

		Browser & Java Plug-In for Documentum Application Connectors															
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)		
		SUSE Linux Enterprise Desktop 10 SP3	IA-32, x64												Sun JRE 1.4.2_19	Sun JRE 1.4.2_19	
SUSE Linux Enterprise Desktop 10 SP3	IA-32, x64												Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			

		Browser & Java Plug-In for Documentum Application Connectors														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		SUSE Linux Enterprise Desktop 10 SP3	IA-32, x64											Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17	
SUSE Linux Enterprise Desktop 11	IA-32, x64											Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			

		Browser & Java Plug-In for Documentum Application Connectors														
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
SUSE Linux Enterprise Desktop 11	IA-32, x64											Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			
SUSE Linux Enterprise Server 10 SP3	IA-32, x64											Sun JRE 1.4.2_19	Sun JRE 1.4.2_19			

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
		SUSE Linux Enterprise Server 10 SP3	IA-32, x64										Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22	
SUSE Linux Enterprise Server 10 SP3	IA-32, x64										Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			

		Browser & Java Plug-In for Documentum Application Connectors													
Operating System	Processor	IE6 for Windows XP SP3 (6.00.2900.3311)	IE6 SP2 for Windows Server 2003 SP1 (6.00.3790.3959)	IE7 for Windows XP, Windows Server 2003 SP1 (7.00.5730.1300)	IE7 for Windows Vista SP1 (7.00.6001.1800)	IE7 for Windows Server 2008 (7.00.6001.1800)	IE8 for Windows XP, Windows Vista (8.00.6001.18702)	IE8 for Windows Server 2003 (8.00.6001.18702)	IE8 for Windows Server 2008 (8.00.6001.18702)	IE8 for Windows 7	Firefox 2.0.0.20 [1]	Firefox 3.0.11, 3.5.5 [1]	Safari 2.0.4 [1]	Safari 3.2.3 [1]	Safari 4.0.3 [1]
SUSE Linux Enterprise Server 11	IA-32, x64										Sun JRE 5.0 Update 22	Sun JRE 5.0 Update 22			
SUSE Linux Enterprise Server 11	IA-32, x64										Sun JRE 6.0 Update 17	Sun JRE 6.0 Update 17			

Note: The following specific notes indicated by [] apply to the browser environment table:

[1] Not supported for Documentum Application Connectors.

Note: The following general notes apply to the browser environment table:

- The following Windows Server 2003 editions are supported: Standard, Enterprise, Data Center.
- IA-32 = Intel Architecture 32-bit
- x64 = 64-bit Architecture which includes AMD64 and Intel 64
- For Windows XP SP3, you must either disable its built-in popup-blocker, or you must add the web application server as a trusted site.
- Cookies must be enabled in the browser.
- In order for UCF content transfer related operations such as import, export, view, checkout, checkin, preferences to work under the Windows Vista operating system, you must choose one of the following: turn off User Account Control (UAC) for each user, or in the browser add the site to the list of Trusted Sites in IE7 and in the application set the UCF client configuration registry.mode value to file instead of windows.
- The following drag and drop features are only supported on Internet Explorer 6.0 or higher browsers running on Windows operating systems:
 - dragging files from the Windows file system into the Webtop browser
 - dragging files from the Webtop browser to the Windows file system
- The following Red Hat Enterprise Linux editions are supported: AS, ES, WS, and Desktop.
- For Documentum Collaborative Services and viewing forms in Webtop:
 - The Rich Text Editor's spell-check feature is only supported on Windows. It also requires Microsoft Word on the client machine.
 - The Rich Text Editor is not supported for Safari browsers. The Rich Text Editor (RTE), which is used for creating and editing Rich Text associated with some of the collaboration features (such as Notes, Folders with Descriptions, Rooms, Comment Threads), does not support the creation of rich text for Safari versions 1.2.3 and 1.3. Safari users can create or edit plain text in the RTE, and they can view rich text which has been created via other browsers, but will not be able to create or edit rich text in the RTE.
- D6.x Documentum Administrator, Webtop, Digital Asset Manager, My Documentum for Microsoft Outlook (formerly Documentum Client for Outlook) and custom Web Development Kit/Documentum Foundation Classes applications are backward compatible with 5.3.x Content Servers.
- Tier 1 language versions of the operating system and browser are supported. Tier 1 languages are French, Italian, German, Spanish, Swedish, Brazilian-Portuguese, Simplified Chinese, Japanese, Korean, Russian, and Arabic.

Web application server environment

Webtop runs in a web application server environment. The web application server environment consists of a specific combination of operating system, web application server, and JDK. The

web application server environment table for Webtop ([Table 5, page 121](#)) lists the supported web application server environments.

Table 5. Web application server environment for Webtop

Operating system	Web application server for Webtop										
	Processor	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3 [2]	Oracle WebLogic Server 11g R1 (10.3.1) [2] [5]	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1 [4]
Windows Server 2003 R2 with SP2 (32-bit version)	IA-32, x64	X	X	X [1]	X [1]	X [1]	X [1]	X	X		
Windows Server 2003 SP2 (32-bit version)	IA-32, x64	X	X	X [1]	X [1]	X [1]	X [1]	X	X		

	Web application server for Webtop										
Operating system	Processor	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3 [2]	Oracle WebLogic Server 11g R1 (10.3.1) [2] [5]	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1 [4]
Windows Server 2008 (32-bit version)	IA-32, x64	X	X		X [1]		X [1]				
Windows Server 2003 R2 with SP2 x64 Edition	x64 [3]	X	X	X [1]	X [1]	X [1]	X [1]	X	X		
Windows Server 2003 SP2 x64 Edition	x64 [3]	X	X	X [1]	X [1]	X [1]	X [1]	X	X		

	Web application server for Webtop										
Operating system	Processor	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3 [2]	Oracle WebLogic Server 11g R1 (10.3.1) [2] [5]	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1 [4]
Windows Server 2008 R2 x64 Edition	x64 [3]	X	X		X [1]		X [1]				
Solaris 10	Ultra-SPARC [3]	X	X	X [1]	X [1]	X [1]	X [1]	X	X	X	X
AIX 5L V5.3 TL10	Power [3]	X	X	X	X	X [1]	X [1]	X			
AIX V6.1 TL3	Power [3]	X	X	X	X	X [1]	X [1]	X			

Operating system	Web application server for Webtop										
	Processor	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3 [2]	Oracle WebLogic Server 11g R1 (10.3.1) [2] [5]	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1 [4]
HP-UX 11i v2 Update 2 (B.11.23)	PA-RISC 2.0 [3]	X	X	X	X			X			
HP-UX 11i v2 Update 2 (B.11.23)	Itanium 2 [3]	X	X	X	X	X [1]	X [1]	X			
HP-UX 11i v3 Update 5 (B.11.31)	PA-RISC 2.0 [3]	X	X	X	X			X			
HP-UX 11i v3 Update 5 (B.11.31)	Itanium 2 [3]	X	X	X	X	X [1]	X [1]	X			

	Web application server for Webtop										
Operating system	Processor	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3 [2]	Oracle WebLogic Server 11g R1 (10.3.1) [2] [5]	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1 [4]
RHEL 4.8	IA-32	X	X	X	X	X [1]	X [1]	X [1]	X		
RHEL 4.8	x64 [3]	X	X	X	X	X [1]	X [1]	X [1]	X		
RHEL 5.4	IA-32	X	X	X	X	X [1]	X [1]	X [1]	X		
RHEL 5.4	x64 [3]	X	X	X	X	X [1]	X [1]	X [1]	X		
SUSE Linux Enterprise Server 10 SP3	IA-32	X	X	X	X	X [1]	X [1]	X [1]	X		

	Web application server for Webtop										
Operating system	Processor	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3 [2]	Oracle WebLogic Server 11g R1 (10.3.1) [2] [5]	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1 [4]
SUSE Linux Enterprise Server 10 SP3	x64 [3]	X	X	X	X	X [1]	X [1]	X [1]	X		
SUSE Linux Enterprise Server 11	IA-32	X	X	X	X	X [1]	X [1]	X [1]	X		
SUSE Linux Enterprise Server 11	x64 [3]	X	X	X	X	X [1]	X [1]	X [1]	X		

Note: The X symbol denotes the supported combination of operating system and web application server.

The web application server environment consists of a specific combination of operating system, web application server, and JDK. The web application server environment table for Documentum Application Connectors ([Table 6, page 128](#)) lists the supported web application server environments for Documentum Application Connectors.

Table 6. Web application server environment for Documentum Application Connectors

Web application server for Documentum Application Connectors											
Operating system	Processor	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3 [2]	Oracle WebLogic Server 11g R1 (10.3.1) [2] [5]	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1 [4]
Windows Server 2003 R2 with SP2 (32-bit version)	IA-32, x64	X	X	X [1]	X [1]	X [1]	X [1]	X	X		
Windows Server 2003 SP2 (32-bit version)	IA-32, x64	X	X	X [1]	X [1]	X [1]	X [1]	X	X		

	Web application server for Documentum Application Connectors										
Operating system	Processor	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3 [2]	Oracle WebLogic Server 11g R1 (10.3.1) [2] [5]	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1 [4]
Windows Server 2008 (32-bit version)	IA-32, x64	X	X		X [1]		X [1]				
Windows Server 2003 R2 with SP2 x64 Edition	x64 [3]	X	X	X [1]	X [1]	X [1]	X [1]	X	X		
Windows Server 2003 SP2 x64 Edition	x64 [3]	X	X	X [1]	X [1]	X [1]	X [1]	X	X		

Web application server for Documentum Application Connectors											
Operating system	Processor	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3 [2]	Oracle WebLogic Server 11g R1 (10.3.1) [2] [5]	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1 [4]
Windows Server 2008 R2 x64 Edition	x64 [3]	X	X		X [1]		X [1]				
Solaris 10	Ultra-SPARC [3]	X	X	X [1]	X [1]	X [1]	X [1]	X	X	X	X
AIX 5L V5.3 TL10	Power [3]	X	X	X	X	X [1]	X [1]	X			
AIX V6.1 TL3	Power [3]	X	X	X	X	X [1]	X [1]	X			

	Web application server for Documentum Application Connectors										
Operating system	Processor	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3 [2]	Oracle WebLogic Server 11g R1 (10.3.1) [2] [5]	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1 [4]
HP-UX 11i v2 Update 2 (B.11.23)	PA-RISC 2.0 [3]	X	X	X	X			X			
HP-UX 11i v2 Update 2 (B.11.23)	Itanium 2 [3]	X	X	X	X			X			
HP-UX 11i v3 Update 5 (B.11.31)	PA-RISC 2.0 [3]	X	X	X	X			X			
HP-UX 11i v3 Update 5 (B.11.31)	Itanium 2 [3]	X	X	X	X			X			

Web application server for Documentum Application Connectors											
Operating system	Processor	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3 [2]	Oracle WebLogic Server 11g R1 (10.3.1) [2] [5]	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1 [4]
RHEL 4.8	IA-32	X	X	X	X	X [1]	X [1]	X [1]	X		
RHEL 4.8	x64 [3]	X	X	X	X	X [1]	X [1]	X [1]	X		
RHEL 5.4	IA-32	X	X	X	X	X [1]	X [1]	X [1]	X		
RHEL 5.4	x64 [3]	X	X	X	X	X [1]	X [1]	X [1]	X		
SUSE Linux Enterprise Server 10 SP3	IA-32	X	X	X	X	X [1]	X [1]	X [1]	X		

Web application server for Documentum Application Connectors											
Operating system	Processor	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3 [2]	Oracle WebLogic Server 11g R1 (10.3.1) [2] [5]	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1 [4]
SUSE Linux Enterprise Server 10 SP3	x64 [3]	X	X	X	X	X [1]	X [1]	X [1]	X		
SUSE Linux Enterprise Server 11	IA-32	X	X	X	X	X [1]	X [1]	X [1]	X		
SUSE Linux Enterprise Server 11	x64 [3]	X	X	X	X	X [1]	X [1]	X [1]	X		

Note: The X symbol denotes the supported combination of operating system and web application server.

Note: The following specific notes indicated by [] apply to the web application server environment table:

- [1] Clustering (failover) support. See general notes for exceptions below.
- [2] WebLogic web application server clustering support requires external load balancer or Web Server acting as a load balancer.
- [3] Support 64-bit version of operating system in native mode.
- [4] Sun Java System Application Server 9.1.1 is renamed to Sun GlassFish Enterprise Server v2.1.
- [5] Support both WebLogic 10.3 and WebLogic 10.3.1 in 6.5 SP3. From Oracle point of view, WebLogic 10.3 is 10g and WebLogic 10.3.1 is 11g are different generations of servers.

Note: The following general notes apply to the web application server environment table:

- The following Windows Server 2003 editions are supported: Standard, Enterprise, Data Center.
- IA-32 = Intel Architecture 32-bit
- x64 = 64-bit Architecture which includes AMD64 and Intel 64
- Support all the Java 5.0.x and 6.0.x version supported by each web application server. No support for JDK 1.4.x.
- Support 32-bit version and 64-bit version of web application server.
- Web servers internal to the supported web application servers are supported.
- The Web server associated with a web application server, whether internal or external, must also support chunked requests. This means that Web servers forward HTTP requests using chunked transfer encoding (as described in the HTTP/1.1 protocol) to the back-end web application server. If chunked requests are not supported then the client should use "UCF Alternative Chunking" mode. For details on configuring and using "UCF Alternative Chunking" mode, refer to the Web Development Kit Development Guide.
- Only the following forward proxy configurations are supported:
 - Auto configuration script
 - Explicitly specifying the proxy server (for example, the host and port)
 - Auto detect settings, configured using ProxyCfg.exe (proxy configuration tool)
- Document linking (OLE linking) will only be supported for Microsoft Office 2003 and 2007 but not for Office XP (2002).
- Linked PowerPoint 2007 documents are not supported when those documents are opened using PowerPoint 2003 with the Microsoft 2003-2007 compatibility pack installed.
- English, Simplified Chinese, Japanese, Korean, Russian (English with regional setting set to Russian), and Arabic (English with regional setting set to Russian) versions of the operating system are supported.

Java version support

The Java version support table consists of a specific combination of Java version, and web application server.

Table 7. Java version support

	Web application server									
Java	Apache Tomcat 5.5.28	Apache Tomcat 6.0.20	BEA WebLogic Server 9.2 MP3	Oracle WebLogic Server 11g R1 (10.3.1)	IBM WebSphere Application Server V6.1 Fix Pack 27 (6.1.0.27)	IBM WebSphere Application Server V7.0 Fix Pack 5 (7.0.0.5)	Oracle AS 10g R3 (10.1.3.3.0)	Red Hat JBoss EAP 4.3.0	Sun Java System Application Server 8.2	Sun GlassFish Enterprise Server v2.1
5.0.x	X	X	X		X		X	X	X	X
6.0.x	X	X		X		X		X		X

External web server environments

This section describes supported web server configurations for web application servers used with WDK-based products. You may wish to utilize the security benefits associated with a web server. You can also setup a forward or reverse proxy to the web application server using one of the supported configurations listed in the following table.

Table 8. External web server environments

External web server	Clustering support
Apache 2.0.63	No
Apache 2.2.14	No
IBM HTTP Server 6.1.0 Fix Pack 27 (6.1.0.27)	No
IBM HTTP Server 7.0.0.0	No
Microsoft Internet Information Server (IIS) 6.0	No
Microsoft Internet Information Server (IIS) 7.0	No
Microsoft Internet Information Server (IIS) 7.5	No
Sun Java System Web Server 6.1 SP10	Failover, Load Balancing
Sun Java System Web Server 7.0 Update 4	Failover, Load Balancing

Note: The following general notes applies to the external web server environment table:

- We support the above listed external Web servers only when the Web server is available on the same operating system version as the associated application server.
- We support the above listed Web servers used with single sign-on products listed in the Operating environment table if it is supported by the single sign-on products.

Microsoft Office support for Documentum Application Connectors

The client environment consists of a specific combination of operating system, processor, and Microsoft Office product. The following table lists the client environments for Documentum Application Connectors.

Table 9. Microsoft Office support for Documentum Application Connectors

		Microsoft Office		
Operating system	Processor	Microsoft Office XP SP3	Microsoft Office 2003 SP3	Microsoft Office 2007 SP2
Windows XP SP3 (32-bit version)	IA-32, x64	X	X	X
Windows Vista SP2 (32-bit version)	IA-32, x64	X	X	X

		Microsoft Office		
Operating system	Processor	Microsoft Office XP SP3	Microsoft Office 2003 SP3	Microsoft Office 2007 SP2
Windows Server 2003 R2 with SP2 (32-bit version)	IA-32, x64	X	X	X
Windows Server 2003 SP2 (32-bit version)	IA-32, x64	X	X	X
Windows Server 2008 (32-bit version)	IA-32, x64	X	X	X

Note: The X symbol denotes the supported combination of operating system and Microsoft Office.

Note: The following general notes apply to the Microsoft Office support for Documentum Application Connectors table:

- The following Windows Server 2003 editions are supported: Standard, Enterprise, Data Center.
- For integration with Office, .NET Framework 1.1 SP1, 2.0, 3.0, and 3.5 are supported. If no .NET Framework is installed on the client machine, .NET Framework 1.1 SP1 will be installed. If both .NET Framework 1.1 SP1 and 2.0 are installed on client machine, version 1.1 SP1 will be used.
- D6 Application Connector for Outlook requires a Webtop D6. We recommend always use the same version of Application Connector as Webtop, all other D6 Application Connectors can work with Webtop 5.3 SP2 or higher.
- Support is not available for using mixed versions of Microsoft Office applications with Documentum Application Connectors. We recommend that you always use the same version of all Microsoft Office applications with Documentum Application Connectors. For example, you cannot use Documentum Application Connectors for Word, Excel, and PowerPoint in Microsoft Office 2002 (XP) SP3 with Documentum Application Connectors for Outlook in Microsoft Office 2007.
- Only supports Word, Excel, PowerPoint, and Outlook from the Office Suite.

Webtop Federated Search environment

The Webtop Federated Search environment consists of a specific combination of operating system and processor. The following table lists the supported environments for Webtop Federated Search.

Table 10. Webtop Federated Search environment

Operating system	Processor
Windows XP SP3 (32-bit version)	IA-32, x64
Windows Vista SP2 (32-bit version)	IA-32, x64
Windows Server 2003 R2 with SP2 (32-bit version)	IA-32, x64
Windows Server 2003 SP2 (32-bit version)	IA-32, x64

Operating system	Processor
Windows Server 2008 (32-bit version)	IA-32, x64
Windows Server 2003 R2 with SP2 x64 Edition	x64 [1]
Windows Server 2003 SP2 x64 Edition	x64 [1]
Windows Server 2008 R2 x64 Edition	x64 [1]
Red Hat Enterprise Linux 4.8	IA-32, x64
Red Hat Enterprise Linux 5.4	IA-32, x64
SUSE Linux Enterprise Server 10 SP3	IA-32, x64
SUSE Linux Enterprise Server 11	IA-32, x64

Note: The following specific note indicated by [] applies to the Webtop Federated Search environment table:

[1] Support 64-bit version of operating system in native mode.

Note: The following general notes apply to the Webtop Federated Search environment table:

- The following Windows Server 2003 editions are supported: Standard, Enterprise, Data Center.
- IA-32 = Intel Architecture 32-bit
- x64 = 64-bit Architecture which includes AMD64 and Intel 64
- Webtop Federated Search works with Webtop 6, 6 SP1 and 6.5.
- Despite the OS limitation of Webtop Federated Search DARs installer, the Webtop Federated Search DARs can be installed remotely on any repository with Content Server 6, 6 SP1 and 6.5.

Additional operating environments

This section provides information on supported operating environments.

VMware support

The following table lists the VMware product versions supported on specific operating system(s).

Table 11. VMware support

Product	Operating system	Processor
VMware Server	Windows & Linux (See VMware website for the specific supported version)	IA-32, x64

Product	Operating system	Processor
VMware Workstation	Windows & Linux (See VMware website for the specific supported version)	IA-32, x64
VMware ESX Server	N/A	IA-32, x64

Note: The following general notes apply to the VMware support table:

- IA-32 = Intel Architecture 32-bit
- x64 = 64-bit Architecture which includes AMD64 and Intel 64
- Documentum fully supports all of our products running on a guest operation system supported by the version of VMware products listed as long as that same version of operating system is supported by the appropriate EMC Documentum product. VMware supports only x86 microprocessor architecture.

IBM Logical Partitioning support

The following table lists the IBM Logical Partitioning (LPAR) product versions supported on specific operating system(s).

Table 12. IBM Logical Partitioning support

Product versions	Operating system	Processor
IBM Logical Partitioning (LPAR) [1] [2]	AIX 5L V5.3 TL10 AIX V6.1 TL3	Power

Note: The following specific note indicated by [] applies to the IBM Logical Partitioning support table:

[1] Only one LPAR is supported and multiple LPARs are not supported for Index Server.

[2] LPAR specific tuning, performance guidelines, recommendations, and specific setup issues would be provided and communicated directly by IBM to the customer. We are currently not aware of any Documentum specific LPAR setup issues. We expect the customer to perform relevant use case scenario based pre-production testing on LPAR. This support assumes that these tests with relevant configurations perform successfully prior to going into production. If the issue is determined to be related to incompatibility of the LPAR environment, EMC and the customer will jointly pursue with IBM for resolution.

Sun Microsystems support

The following table lists the Sun Microsystems product versions supported on specific operating system(s).

Table 13. Sun Microsystems support

Product	Operating system	Processor
Sun Microsystems Solaris Zones [1]	Solaris 10	UltraSPARC
Sun Microsystems Logical Domains (LDOM)	Solaris	UltraSPARC

Note: The following specific note indicated by [] applies to the Sun Microsystems support table:

[1] Non-global zone is not supported for Index Server.

Citrix support

The following table lists the Citrix product versions supported on specific operating system(s).

Table 14. Citrix support

Product versions	Operating system	Processor
Citrix XenApp 5.0 Release 2 [1]	Windows Server 2003 SP2 (32-bit version)	IA-32, x64
Citrix XenApp 5.0 Release 2 [1]	Windows Server 2008 R2 (32-bit version)	IA-32, x64

Note: The following specific note indicated by [] applies to the Sun Microsystems support table:

[1] Citrix Presentation Server 4.5 FP2 was renamed to XenApp 5.0.

Note: The following general notes apply to the Citrix support table:

- IA-32 = Intel Architecture 32-bit
- x64 = 64-bit Architecture which includes AMD64 and Intel 64

Siteminder support

eTrust Siteminder Policy Server 6.0 SP5 is supported for all supported web application servers and operating systems, except there is no Firefox browser support. 'libstdc++-libc6.2-2.so.3' package is required to load netegrity plugin on SUSE Linux 11.

RSA support

RSA Access Manager 6.0.4 is supported for all supported web application servers and operating systems.

Native 64-bit support

Documentum 6.5x introduces native 64-bit support such that 64-bit Documentum applications can run on 64-bit operating systems.

Prerequisites to run Documentum 6.5x products in the native 64-bit mode

You must ensure that your 64-bit environment comprises the following prerequisite components before you run the Documentum 6.5x products:

- 64-bit processor
- 64-bit operating system
- 64-bit Java Virtual Machine
- 64-bit web application server (if needed). Ensure that the web application server is bundled with 64-bit Java Virtual Machine.

64-bit support in web application server environment

Documentum 6.5x continues to support 32-bit versions of the Microsoft Windows operating system. In the 64-bit domain, Documentum 6.5x does not support 64-bit versions of the Microsoft Windows operating system. However, as an exception, Documentum 6.5x provides native support of the 64-bit version of Microsoft Windows Server 2003 for web application server- and portal server-based products.

Note: The following general notes apply to Native 64-bit support in Documentum 6.5x:

- Check your web application server documentation for information about configuration changes you need to make to run Documentum 6.5x product on a 64-bit platform. For example, the IBM WebSphere Application Server V6.1 Fix Pack 13 (6.1.0.13) ships with platform-specific 32-bit and 64-bit installers.
- For information about tuning a 64-bit Java Virtual Machine and garbage collection parameters, refer to the Java Virtual Machine documents of the relevant vendor.
- Porting the 32-bit Documentum 6.5x application to a 64-bit platform: Documentum 6.5x product must install a 64-bit compatible Java Virtual Machine before porting the 32-bit Documentum 6.5x application to a 64-bit platform.

IPv6 support

Documentum 6.5x now supports dual-stack (IPv4 or IPv6) and native IPv4 operation. In addition to this, Documentum 6.5x products which are Java based applications also support native IPv6 operation. Support for dual-stack operation enables Documentum 6.5x products to use the appropriate protocol (IPv4 or IPv6) when communicating with third-party products and other Documentum products.

Documentum Foundation Classes determines the operating mode, and by default, DFC is configured for dual-stack and native IPv6 operation. The *Documentum Foundation Classes Installation Guide* provides information on how to configure DFC for native IPv4 operation.

Note: Information on protocol support for third-party products is provided in the third-party product documentation.

Table 15. Webtop IPv6 compliance

Product	Dual-Stack (IPv4 & IPv6)	Native IPv6
Webtop	X	X
Web Publisher	X	X
Digital Asset Manager	X	X
Content Transformation Services	X	X
Documentum Application Connectors	X	X
Documentum Administrator	X	X
Advanced Documentum Transformation Services	X	X
Documentum Collaborative Services	X	X
Federated Search Services	X	X
Media Transformation Services	X	X
Interactive Delivery Services	X	X
Web Development Kit for Portlets	X	X
PDF Annotation Services		
Forms Builder	X	X
Document Image Services	X	X
Records Manager	X	X
Note: The X symbol denotes the support started with 6.5 release.		

Applet certificates

This section lists the names of the Applets, its certification type, and the date of expiry that affects the use of your product.

Table 16. Applet certificates of Webtop

Applet name	Certification type	Expiry date
UCF Applets ContentXfer Applets File Selector Applets	Java Microsoft	11/02/2012

Table 17. Applet certificates of Documentum Application Connectors

Applet name	Certification type	Expiry date
AppConnectors Installer Executable	Microsoft	11/04/2011

Cross-product dependencies and interoperability

This section lists Documentum products that are depended on in order to achieve a basic level of functionality and lists related Documentum products that enhance overall functionality.

You may have to install some of the listed products on separate host or client machines due to differences in the Documentum Foundation Classes versions included with those products. Before installing a product, check the product's *Release Notes* for supported configurations.

The 32-bit version of Documentum 6.5x products can run in the 32-bit native mode and the 64-bit compatibility mode. However, the 64-bit version of Documentum 6.5x products can run only in the 64-bit native mode.

Some services delivered with DFS depend on Service-based Business Objects (SBOs). Because SBOs are downloaded to the service dynamically from the Global Registry, environments that use these services must have a correctly configured global registry, and the global registry credentials must be set in the DFS `dfc.properties` file when DFS is deployed. The following paragraphs provide details about specific services.

One of the following product versions is a prerequisite for Webtop:

- Content Server 5.3, 5.3 SPx, 6, 6 SP1, 6.5, 6.5 SP1, 6.5 SP2, 6.5 SP3

One of the following product versions enhances overall functionality for Webtop:

- Documentum Administrator 5.3, 5.3 SPx, 6, 6 SP1, 6.5, 6.5 SP1, 6.5 SP2, 6.5 SP3

Note: Regardless of whether the Content Server version is 5.3, 5.3 SPx, 6, 6 SP1, 6.5, 6.5 SP1, 6.5 SP2 or 6.5 SP3, WDK-based applications require the presence of a Content Server 6, 6 SP1, 6.5, 6.5 SP1, 6.5 SP2 or 6.5 SP3 global registry repository in order to function properly.

Embedded products

Installing EMC Documentum products includes the following additional products.

For Webtop:

- Documentum Foundation Classes 6.5 SP3

Known Problems and Limitations

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

Note: This section and the Technical Notes section may refer to platforms or features that are not supported for this release of your product. Check [Chapter 4, Environment and System Requirements](#) to verify requirements.

EMC Documentum makes the latest information about customer-reported issues and known problems are posted on the Powerlink website (<http://powerlink.EMC.com>). You must have a software support agreement to log in and access the list of issues.

Note: EMC Documentum has recently migrated to a new defect tracking system. As a result, problems and limitations in this chapter may include the legacy tracking number (a numeric reference), the new tracking number (an alphanumeric reference), or both references.

Known problems

This section describes known defects in EMC Documentum software that may affect your use of the product.

Known problems common to all WDK applications

Connection to FS2 server fails when host name contains an underscore (FSTWO-149, WEBTOP-9340)

When trying to connect a client such as Webtop to FS2 server using the RMI connection, the connection fails if the hostname contains an underscore.

Workaround:

Specify the IP address instead of the host name for the following parameters:

- `xtrim.server.rmi.registryHost` in `www/docs/conf/server.conf` (on FS2 server machine)
- `dfc.search.external_sources.host` in `dfc.properties` (on the client machine)

Multibyte characters in a form posted as an inline request are not encoded correctly (WDK-2209)

Consider an HTML form containing multibyte characters in its text fields. If you post such a form as an inline request, the multibyte characters appear incorrectly encoded when viewed in the corresponding web page in the Webtop user interface using Firefox 3.0.1 or later. This issue occurs because Firefox 3.0.1 and later versions use UTF-8 as the default character encoding format for posting HTML forms as inline requests.

E-mail messaging ingestion fails on Sybase (COMPAR-368)

While using messagingApp on Sybase, message ingestion fails because the `i_partition` of `dm_message_archive_s` table is not nullable.

Workaround: Using the `iapi` tool, execute the following command:

```
Execsql,c,alter table dm_message_archive modify i_partition null
```

Network locations in Portals login page (105111/WDK-1515)

The Portals login page displays a list of default network locations, but does not map automatically to the client's correct network location.

Unable to distinguish User and UserGroup values in the "Name" column in the Choose a User/Group page (WDK-1630)

When you click the **Historical Report > Process** link in the Available Actions page for a selected user, navigate to the **General** tab, navigate to the **Workflow Supervisor** tab, click the **Select** link, and view the Choose a User/Group page, you cannot distinguish the **User** value from the **UserGroup** value in the **Name** column.

Default theme preference issue in different Webtop applications using the same global repository (WEBTOP-5950, WEBTOP-6881)

While one Webtop application uses the out-of-the-box default theme preference, and you have customized the default theme preference in another Webtop application, and both use the same global repository, when you log in to the first instance of the Webtop application, log out of it, and log in to the Webtop application with the customized theme, the customized default theme is lost and the out-of-the-box Documentum theme is displayed instead. However, if you delete the user preferences by logging in to Documentum Administrator, delete the web browser cookies, close and re-open the browser, the custom theme appears again.

Workaround: If there are two webtop applications webtop1 and webtop2 that refer to the same Global Repository and if the requirement is to have two different preference settings for these two applications, this can be achieved by setting the preference location value for repository_path in wdk\app.xml. Use the following snippet of sample app.xml for setting the preferences repository:

```
<preferencesrepository>
<filter clientenv='not portal'>
<!-- Repository folder for storing user preferences in App server environment-->

<repository_path>/Resources/Registry/Preferences/Webtop2</repository_path>
</filter>
```

Note: The default `dmc_wdk_preferences_owner` preference user must have the Write permission on the `/Resources/Registry/Preferences` folder.

An error occurs when a user attempts to enable dmcl tracing from within a 5.3 SP4 or 5.3 SP5 version of a WDK-based application (WDK-1251)

An error occurs if a user whose name has been defined with a comma in the user_name field of the dm_user object, logs into a 5.3 SP4 or 5.3 SP5 version of a WDK-based application and then attempts to enable dmcl tracing. For example, if the user_name attribute has been defined as Smith, John, and the user logs into a 5.3 SP4 or 5.3 SP5 version of a WDK-based application as jsmith, and then enables dmcl tracing by opening a new browser session with the `http://<hostname>:<port>/webtop/wdk/dmclTrace.jsp=10` URL, the following error occurs:

```
[DM_API_E_FACILITY UNKNOWN]error: "The specified facility
(John.opers-2007.06.19-1019h.21s.log) is not a valid trace facility."
```

List of performers displayed for subsequent activities is not refreshed after performers are selected for the first activity (152658/WDK-974)

If a workflow template is set up to allow a user to select performers for two or more subsequent activities at workflow runtime, after the user selects the performers from different groups for the first activity, starting from the second activity, only those performers who are already selected in the previous activity are listed in the right pane. When the last performer is selected for the activity, the right pane lists the names of all performers who are already selected who belong to groups or roles from which it should not be possible to select performers for the relevant activity.

Unable to view a file after the owner of the ACL is changed (148130/WDK-1168)

If non-superusers view a file after changing the owner of the ACL associated with the file, an error message is displayed, and the file is not opened for viewing.

An error occurs if a user approves a document after receiving an error indicating that the task has been accepted by another approver (WEBTOP-2447)

When two approvers view the same task item in the Inbox, and the Accept button is enabled for both approvers, one of them accepts the task and approves the task. However, the Accept, Approve, and Reject buttons continue to remain enabled for the second approver. If the second approver also accepts the same task, the following error message is displayed: "Task has already been accepted by" <approver name>. In addition, if the second user clicks the Approve button that continues to remain enabled, the following error message is displayed: "DM_WORKFLOW_E_ACCESS_ERROR: This user does not have permission to perform the current operation is displayed".

Import operation fails while locating and importing missing graphics in an XML document being imported (WEBTOP-5039)

While importing an XML document into Webtop, the import operation fails when missing graphics are located and imported.

Internet Explorer browser crashes when you enable and disable the thumbnail view (WEBTOP-5881)

If the machine where the Webtop server is installed uses a thumbnail server and RPTS, and you enable and then disable the thumbnail view, the Internet Explorer browser window crashes when you use the drag-and-drop feature.

An error occurs while importing a custom type document (WEBTOP-1365, WEBTOP-7341)

An error occurs if you reselect the object type while setting properties for a custom type document you are importing.

Unable to access a subfolder that contains a space at the end of its name (WEBTOP-529, WEBTOP-7415)

Unable to access a subfolder that contains a space at the end of its name.

Unable to save a search query as a template (WEBTOP-6578)

The following error message is displayed when you save a search query for a document although the OR operator is not used in the search condition:

```
"Sorry this search cannot be set as template. Please change your search criteria (no OR between properties, neither search only on object type)."
```

The ucf.client.config.xml FileNotFoundException exception occurs when you perform some UCF-based operations (WEBTOP-7495)

The ucf.client.config.xml FileNotFoundException exception occurs when you perform UCF-based operations such as Viewing Preferences, Checking in files, Checking out files, and so on. In addition, the ucf.client.config.xml file is missing in the client UCF folder (C:\Documents and Settings\\Documentum\ucf-java\\shared\config). Alternatively, the ucf.client.config.template.xml file is available in the folder.

Workaround: Close the Webtop browser window, ensure that you terminate the UCF JRE runtime on the client, and then open a new browser window and log in to Webtop.

In Firefox browser, the Login page has the text fields appear extended beyond the modal popup (162768/WEBTOP-392)

When you launch Webtop in a Firefox browser, the Login page has the text fields appear extended for Spanish locale.

In the rich text editor, Font and Size strings appear vertically (162956/WEBTOP-423)

When you create a new folder in a Cabinet, the Font and Size strings appear vertically in the rich text editor for Korean locale.

The UI stops responding and displays an error when an export operation is already performed on a file and is repeated (163432/WEBTOP-1989)

When you perform an export of a file after an export operation already performed, the UI stops responding and displays a CME error.

Problems reported in previous versions

The following problems were reported in previous versions of WDK-based applications and may be present in the current version.

Uninstaller for 5.x does not clean up classpath (59321, 66001)

When WDK or a WDK application of version 5.x is uninstalled, the classpath is not cleaned up on the application server to protect DFC or other WDK products that may be installed.

Application server leaves temporary files behind if content transfer is terminated by the user (71092)

The application server leaves temporary files behind if content transfer is terminated by the user. For example, if you view a file and close the browser while the progress bar is on the screen, whatever files have been saved by the server to its temporary directory for this transfer will not be cleaned.

To clear these files, you can periodically delete them from the temporary location on the application server machine. The temp directory is defined by the setting `<contentxfer>.<server>.<contentlocationwindows>` or `<contentlocationunix>` in `app.xml` in each WDK application. The files are typically in "send" or "receive" subdirectories, which may contain another level of subdirectories whose names are only digits.

View properties for workflow file in a foreign repository brings up a login dialog (97209)

Workflow tasks from multiple repositories are supported, but a view properties operation on a foreign file will cause a login dialog to be presented.

Importing a large XML file of custom type with many chunks fails and throws exception (98126/WDK-545)

Importing an XML file with many (1,000,000) chunks fails and throws an exception if the document type is a custom type.

Cannot delete a folder that contains non-current objects (98538/WEBTOP-552, 114934/DFC-74)

If the current version of an object has been moved to another folder, but the original folder contains non-current versions, that original folder cannot be deleted.

Copy and link from one SSO repository to another SSO repository is not working (104062/WEBTOP-5410, 104959/DFC-84)

In order to copy or link from one single sign-on (SSO) repository to another, the user must have identical login credentials for the source and destination repositories for doing multiple operations. The SSO and user-principal authentication mechanism is not supported.

Oracle/Solaris: Preferences page will not display; cannot drag and drop an email (104213/WDK-180)

User is unable to display the Preferences page or drag and drop an email containing a file in .msg format to an Oracle application server on Solaris. During import, the user gets a stack trace indicating a FileNotFoundException for a missing file under DCTM_UCF_ROOT_DIR.

Checking out a non-XML root virtual document with xml children throws an error (10623/WEBTOP-41462, 106442/DFC-68)

When you check out a non-XML root virtual document with xml children, an error message is displayed.

Link dragged to desktop does not get proper name (111348, 118349/WEBTOP-2966)

When the link of a document is dragged to desktop, the link should have the same name as document name, but the name is "Drag to desktop, email or document to create link, or right click to Add to Favorites".

User preferences override custom subtype columns view (115495/WDK-1492)

If a custom implementation of objectlist_component.xml includes several definitions of objectlist components using different object types scopes, and the user changes the preferred columns to be displayed for one of the sub types, then the user selections override the display for every scope. That is, an attribute that should be visible for one of the sub types may not be displayed to that user.

Drag and drop onto a virtual document causes the source and target folder structure to collapse (115850/WDK-1499)

When the user drags a document from the browser tree onto a virtual document, the screen refreshes and the entire virtual document structure is collapsed. In addition, the source folder structure in the browser tree frame is also collapsed when the virtual document is checked in.

XML chunking of Word document in XML fails (119541/WEBTOP-4861, 130693/DFC-64)

A Word document saved as XML can be imported with a simple XML application that chunks at the <w:sub-section> level. But when the user views the chunk, the following error is displayed:

```
xxorg.xml.sax.SAXException;  
Additional msg - object name: Introductionxx org.xml.sax.SAXException;  
Additional msg - object name: chunk name
```

Leading spaces added to password entry are ignored (126348/DC-42, DC-2304, 130938/CS-24)

If the user enters a valid login password with extra spaces at the beginning, the password validation should fail but does not.

DTD cannot be found on network path during checkin (128592/WEBTOP-5350, 130944/DC-42, DC-2304)

The DTD for an XML document will not be found for users whose UCF user directory is on the network.

Date constraint is not conserved when editing a search (137723/WEBTOP-3084)

When you define a search with a constraint on both the name and the modified date, the constraint on the date is removed if you edit the search.

Sorting by rank disappears after leaving the results page (138193/WEBTOP-3106)

If you sort search results by rank, then leave and return to the results page, the results are no longer sorted by rank.

Quotes used in a simple search are removed when switching to advanced search (138591/WEBTOP-3116)

If you perform a simple search that includes one or more sets of quotes, and if you then switch to an advanced search, the first and last instances of quotation marks are removed.

For example, if you type this in a simple search:

"Web services" "best practices"

then run the search, and then click the advanced search button, the values in the text field become this:

Web services" "best practices

dm_message_archive objects cannot be copied (145224/WEBTOP-2402)

It is not possible to copy an object of type dm_message_archive either by adding to clipboard or using drag and drop.

WDK-based application allows special characters (145820/WEBTOP-2426)

WDK-based application (Webtop) should not allow the following special characters. Some special characters are allowed in RPS. Per fix in bug 92759 opened in RPS 5.3, they should be disallowed. The special characters allowed are: ! @ \$ % () ' (this character is below tilde) + _ - , .

User cannot delete later versions if previous owner deleted an earlier version (145984/WEBTOP-2430)

If the root version is deleted, and the ownership of later versions is changed to another user, that user cannot delete the later versions. A DM_SYSOBJECT_E_NO_BROWSE_ACCESS error is shown if the user tries to delete all versions.

While performing a content transfer operation Webtop displays an error message (147254/WEBTOP-1538)

Error message is displayed (compatible Java Run time environment is not installed) while trying to perform a content transfer operation such as checkin, checkout, and cancel checkout.

Word document name appears junk in HTTP mode (148341/WEBTOP-1581)

In HTTP mode, the document name appears with junk characters when you open a Word document that contains special characters in the name of the document during export.

Multiple renditions of same format cannot be deleted singly (148439/WDK-1170)

If there are multiple renditions of the same format for one object, and the user deletes one of the renditions, all are deleted.

Scrolling arrows are not displayed when there are more tabs (148498/WEBTOP-1883)

In a tabbed container, under certain conditions, scrolling arrows are not getting displayed even when there are more tabs to be scrolled to.

Popup error message (148546/WEBTOP-1888)

In the Webtop 6.0.0.111, popup error message is displayed when you try to click on Select button in the search tab in preference page.

Work item does not reach work queue when Java Method Server has been down (150912/BPM-166)

If the Java Method Server is not running when a task is created, the task will not appear in the work queue even after the Java Method Server is restarted. To retrieve the tasks that were created while the Java Method Server was down, you must run the following script on the Content Server:

```
cmd>dmbasic -f reprocess_workqueue_tasks.ebs -e
Install -- <docbase> <superuser> <password>
```

You can retrieve tasks that were created before a specific date by modifying the query in the script as in the following example:

```
query = "select r_object_id from dmi_workitem where r_runtime_state = 0
and a_held_by = 'dm_system' and r_creation_date < DATE('06/11/2008 13:18:44')"
```

UCF content transfer operation fails in Oracle 10.1.3.3.0 environment (153823/WEBTOP-1057)

UCF content transfer operation fails with **ucf session wait timeout** error.

Workaround: Comment out the following lines in webtop\WEB-INF\web.xml:

```
<init-param>
<param-name>wdk_cache_control_redirect_includepages</param-name>
<!-- ending with ($) certain file extensions -->
<param-value><![CDATA[(\.\gif|\.\css|\.\js|\.\jar)$]]></param-value>
</init-param>
```

UCF content transfer operation fails in WAS 6.1.0.13 environment (154525)

UCF content transfer operation fails with 'ucf session wait timeout' error.

Workaround: Configure the application server with an additional webcontainer custom property 'com.ibm.ws.webcontainer.invokefilterscompatibility', and set it to true.

You must add the webcontainer 'com.ibm.ws.webcontainer.invokefilterscompatibility' custom property and set it to true using the Websphere Admin console; otherwise, errors will occur when you attempt to access the Webtop URL. For more information about setting webcontainer custom properties, see [Setting webcontainer custom properties](#).

Breadcrumb does not show properly if the folder path contains hidden folder (155352/WEBTOP-5009)

Breadcrumb does not show properly for the parent folders, if the folder path contains hidden folder after the user has navigated to the hidden folder.

When you delete a document, WDK-based application does not send the delete notification and the name of the document is not available when the delete notification is sent (159830/WEBTOP-4817)

If you have enabled notifications and delete a document after a particular sequence of actions, WDK-based application does not send a delete notification to the Inbox. If a document is deleted directly, then WDK-based application sends a notification to the Inbox without the name of the document in it.

Importing a .msg file fails using Safari 3.0.4/mac10411 (161074)

The conversion of .msg (Outlook Message format) to EMCMF is only supported on Windows-based client environment.

EMCMF- Export of folder that contains EMCMF format file which has an attachment, exports the hidden folder as well (161373/WEBTOP-3937)

If you have enabled the messageArchive-support in the <WebApp Root>/web/app.xml file and removed the comment for the executable sections ExMRE.exe from the <WebApp Root>/wdk/contentXfer/ucf.installer.config.xml file, then exporting a folder that contains EMCMF format file which has an attachment also exports the hidden folder.

There is no option in the folder view to go back to the Task Manager (161511/WEBTOP-3939)

When you open a folder attached to a task of the Inbox, there is no option in the folder view that allows you to go back to the Task Manager.

Deep export of a folder stops responding and import operation displays an error when you perform Deep export of a folder within the same browser session (161652/WEBTOP-3947)

When you try to perform a Deep export of a folder in a browser session, and import any of the hierarchical folder during the same session, Deep export stops responding and import fails with an error instead of successful Deep export and import.

Two read notifications are received when documents are opened for viewing (161920/WEBTOP-3982)

If the read notification for subscribed documents is enabled, two read notifications are received, when documents are opened for viewing in the WDK-based application browser.

Export to CSV - Special characters inappropriate and MS Excel file generated is incorrect (162009/WEBTOP-3992)

When you perform Export to CSV on a file, the MS Excel file generated is incorrect that has content inappropriately placed under columns and also the special characters in Spanish are inappropriate.

Drag and Drop does not work for Subscription during the same browser session (162266/WEBTOP-344)

Open an IE session and disable Drag and Drop in Webtop Preferences. Close the IE session and reopen an IE session. When you try to drag and drop multiple files and folders (for example, from Home Cabinet node to Subscription node in a new window) during the same IE session, Drag and Drop does not work.

Unable to navigate using Previous button during multiple check in operation (162403/WEBTOP-361)

Ensure that <default-mechanism>and </default-mechanism> tags in wdk/app.xml is set to HTTP. When you select multiple files to check in, the previous button does not work after you select a file, and then click the Previous button to go back to the previous page.

In multiple repositories, when the owner of the object and the owner of the link are separate, incorrect lock/key icons are shown (162685/WEBTOP-387)

If the owner of the object and the owner of the link are separate in multiple repositories, then the link gets checked out but there is a lock icon instead of a key icon for the link in WDK-based application. In the source folder, the source file has a key icon instead of a lock icon, when you as the owner of the lock performs an edit operation on link of the object created.

If you log on in a separate browser session and perform an edit operation on the link, then WDK-based application displays icons appropriately.

Saving a Form instance displays an IE script error (162771/WEBTOP-393)

When you open a Form instance for edit and save the changes, WDK-based application displays an IE script error.

The path reflected in the breadcrumb area is incorrect for the linked folders in multi - repositories (162786/WEBTOP-396)

If you have a folder *A* linked to a folder *B* in a repository and the same folder is also linked to another folder *C* in a different repository, the path in the breadcrumb area shows the latest linked path instead of the actual path. (for example, <Cabinets>/<User1>/B/A instead of <Cabinets>/<User1>/A

The contents of a linked folder from another repository are not exported (162802/WEBTOP-400)

The contents of a linked folder from another repository does not get exported if you have copied the contents of a linked folder to a clipboard.

Clipboard operations should be disabled for a linked folder from another repository (162828/WEBTOP-407)

For a linked folder from another repository, clipboard operations should not work. If they are allowed, then they should be visible in the UI of the linked folder's list or its original location.

In UCF mode, when you import a folder, WDK-based application does not perform the check for the folder name field (162939/WEBTOP-419)

When you perform an import of a folder, WDK-based application does not perform a check for the folder name field as done during the creation of a folder and the folder gets created with the name Untitled.

View clipboard is not enabled (162941/WEBTOP-420)

The View Clipboard appears disabled after you select a file and click Add to Clipboard from Edit.

WDK-based application throws an error when you press the Enter key after you manually type the path of the file (162973/WEBTOP-426)

When you perform a check in operation in WDK-based application, WDK-based application prompts you to locate the file when the file is not available in the default Checkout folder. You can browse to the location of the file using the Browse button or manually enter the path of the file in the text box. When you press the Enter key after manually typing in the path of the file, WDK-based application throws an error.

If you log on as another user, the menu control item allows you to perform operations (163094/WEBTOP-1970)

Due to failure of the validation of file_cancelcheckout menu item control, you are able to select an object, check out and perform cancel check out operations.

In IE 7, viewing a document using a DRL in the same IE window in a new tab throws an ucf session wait timeout (163210/WEBTOP-1978)

In IE 7, log on to Webtop and ensure that <default-mechanism>and </default-mechanism> tags in wdk/app.xml is set to UCF. Select a document and perform Email as Weblink from the File menu. From the MS Outlook mail opened, copy and paste the DRL link to the IE browser. If you try to view the file, Webtop displays a **ucf session wait timeout** error. You have to close the window and press the Refresh or Reload button on your browser to continue.

The checked in file gets deleted after Check in is successful (163242/WEBTOP-1979)

When you check in a file from the Checkout directory, and the file is not available in the Checkout directory, Webtop prompts you to manually locate the file. You can manually locate the file and perform check in. The manually checked in file gets deleted after Check in is successful.

Unable to sort the child documents in a VDM Editor in WDK-based application (163590/WEBTOP-1993)

Log on to WDK-based application and click to open a document in Virtual Document Manager (VDM). You cannot sort the child documents of the parent document by Name, Size and so on using the Column header. The links does not work in the Column header.

WDK-based application hangs while creating a new document to VDM (163606/WEBTOP-1995)

Log on to WDK-based application and click to open a document in Virtual Document Manager (VDM). Select Virtual Documents from the Tools menu and then Add Child. When you add a child to VDM with the Using New Document option, and permission to the user, the new document gets created but Webtop hangs.

Webtop displays the 'Operation failed: Message not found' message when you set the type to dm_message_archive manually during import of a .msg file (163835/WEBTOP-2006)

When the messageArchive-support is disabled in WDK-based applications, on import of an Outlook message (.msg) file gets imported as a dm_email_message object, the import of an Outlook message (.msg) file fails, in case you set the type to dm_message_archive manually.

Data tables displays ID instead of empty values for the newly created entries (163968/WEBTOP-2014)

When you edit a data table, the existing records must retain the values and the value of the new entries should be empty. Instead WDK-based application, displays ID of the newly created entries instead of empty values.

Workaround: Click on the data table again to refresh or use the browser refresh and this shows empty values.

An error message is thrown when you click on the Column headers in the attachments table found in the properties page of an EMC MF file (164039/WEBTOP-2018)

Log on to WDK-based application and import an email that has an attachment in Archive mode. An error message is thrown when you click on the Column headers in the attachments table found in the Properties page of an EMC MF file.

Drop down lists displayed on a page hides menus in Internet Explorer 6 (IE 6) (166881/WEBTOP-2691)

The dropdown lists displayed on a page hides the submenu items making them unusable in IE 6 when you resize the window. Some of the menu items gets hidden by the overlapping dropdown menu. For example, the Show Files and Folders dropdown appears overlapping the Tools sub menu items.

Workaround: If you restore the window size, the dropdown disappears or you can upgrade to IE 7.

Internet Explorer 6 (IE 6) fails to display the title of a modal popup window (167362/WEBTOP-2722)

The title of the new modal popup of WDK-based application does not appear in the title bar (e.g. for the properties dialogue of an object) correct label in IE 6.

A Workflow component fails to open as a modal popup in WDK-based application (167364/WEBTOP-2725)

Except the component for starting a workflow (Tools > Workflow > Start and Tools > Workflow > Start Attachments) fails to open as a modal popup while all the other components of WDK-based application open in a modal popup

Deep export of a folder having special characters are not supported (167444)

Deep export of a folder having special characters (for example, ;, ?, <, ", |, *) are not supported. If you try to export a folder having such special characters, then the application throws an error.

Single value custom attribute with VA which is dependent on other custom attribute is not refreshed with proper value, instead default value is displayed (170123/WEBTOP-1300)

A single valued attribute with (Value Assistance) VA which is dependent on other custom attribute. The drop-down values are not refreshed, based on the value of the dependent variable.

Copying EMCMF file with an attachment to the same location fails even after dropping the unique constraint on dm_message_archive object type (170258/WEBTOP-2466)

If you copy an EMCMF file with an attachment to the same location fails even after dropping the unique constraint on dm_message_archive object type.

Problems reported in version 6

The following problems were reported in the 6 version.

BOCS: Checkout sometimes displayed incorrectly (131504/WEBTOP-3804/WEBTOP-7266, WEBTOP-2475)

If a user attempts to check out an object whose content is not available because it is parked on the BOCS server, a warning is displayed; but when the user selects **cancel checkout** in the dialog, the object is still shown as checked out.

Workaround: Perform a cancel checkout operation on the object.

Escape key does not dismiss context menu (135125/WDK-1135)

When the user displays a right-click context menu, it cannot be dismissed by the escape key.

Workaround: Dismiss the menu by clicking elsewhere in the page.

Mac/Safari: Shortcut for search not working (139089/WDK-1247)

The keyboard shortcut for search, Shift+s, does not work on Safari on the Mac.

Workaround: Select the titlebar frame where the advanced search UI widget is located, and then hit the shortcut Shift+s.

RSA: Web workflow manager hangs at RSA timeout (142160/WEBTOP-2753, WEBTOP-7225)

When the RSA session times out, the user should be presented with a login screen. Instead, the application page hangs.

Workaround: Close the browser window and reopen, then log in again to the application.

Role precedence does not take effect when preset applies to current repository (144864/WEBTOP-2389)

Role precedence can be configured in app.xml as described in the technical notes chapter of these release notes. If a user belongs to more than one role, the configuration service applies the role and user's access to role-defined presets and scopes based on the precedence tree in app.xml. However, if a preset is defined for a role in only one repository, the user is assigned that preset instead of the preset for the role with higher precedence.

For example, user Jane Doe belongs to roles abc and def, and the role abc comes first in the precedence tree of app.xml. One preset is defined for role abc and applies to all repositories. One preset for role def applies only to a single repository named XUP. When the user is in repository XUP, the preset for role abc should be used for her, but it is not. JaneDoe gets the preset for role def.

Cannot deselect items by clicking white space (146537/WDK-288)

When an object is selected in the datagrid, the user expects to be able to click on white space to deselect. Instead, the user must click on the selected object to deselect.

XML application may rename graphic files (146597/WEBTOP-1498)

When documents are imported from the client host, sometimes every graphic is renamed with the prefix of the import location. For example, my.gif becomes CDocumentummy.gif. Every graphic is renamed, and every link to every graphic in the XML document is changed to the new name upon import. This may not be noticed until a subsequent checkout.

Browser resize makes some menus inaccessible (149311/WEBTOP-1921)

When users resize the browser to make it smaller, some menus do not wrap and are no longer accessible to the user.

Known problems specific to Webtop

The following known problems apply to Webtop.

On some Windows XP SP3 machines where Internet Explorer 6 browser is used and the JAWS 9 software is running, IE crashes when the accessibility preference is set (WEBTOP-10297)

On some Windows XP SP3 machines where IE 6 browser is used and the JAWS 9 software is running, when you log in to Webtop 6.5 SP2 or Webtop 6.5 SP3, and select the **Turn accessibility options on** option in the Preferences dialog box, the IE browser window crashes.

Workaround:

Perform one of the following steps:

When you log in to Webtop, ensure that you expand the **More Options** area, and select the **Additional Accessibility Options** option, and then click **Login**.

OR

Use JAWS 7 or JAWS 10 instead of using JAWS 9.

Unable to import email messages with trailing spaces in the subject line (WEBTOP-7963)

When importing messages in which the subject lines contain trailing spaces, an error occurs and the import operation fails if Webtop is configured to support the EMCMF mail format and 5.3.x DocApps are used.

The content pane in a Webtop-based application appears blank although a node is selected in the navigation pane (WEBTOP-10043)

If you extend the browsertree component in a Webtop-based application version that is earlier than version 6.5, the content pane appears blank occasionally although a node is selected in the navigation pane.

Workaround:

Extend the new browsertreeex component to resolve this issue.

File Download dialog box and the multi-file download browser window are not displayed when HTTP content transfer operations are performed using IE or Firefox (WEBTOP-9207)

If you perform an HTTP content transfer operation on one or more files using Internet Explorer (IE) 6 or later, a message indicating that the pop-up is blocked or that IE has blocked the site from downloading files, is displayed in the Information bar of the browser. When you right-click the information bar, and select the **Temporarily Allow Pop-ups** option (in IE 6) or the **Download File** option (in IE 7), the File Download dialog box is displayed.

Similarly, if you perform an HTTP content transfer operation on one or more files using Firefox, a message indicating that Firefox has prevented the site from opening a pop-up window, is displayed in the information bar of the browser. If you click the **Options** button in the information bar and select the **Allow pop-ups for <Webtop URL>** option to view the Opening <File name> dialog box. Perform the following workaround to change the security settings in IE or Firefox, permanently.

Workaround:

To define security settings for the Webtop URL in IE:

1. Select **Tools > Internet Options** in the IE browser.
The Internet Options dialog box is displayed.
2. Click the **Security** tab, and select the **Trusted sites zone**.
The Trusted sites dialog box is displayed.
3. Specify the Webtop URL in the **Add this Website to the zone** field.
4. Click **Add**.
5. Clear the selection of the **Require server verification (https:) for all sites in this zone** option.
6. Click **OK** twice to close the Trusted sites and Internet Options dialog boxes.
7. Refresh the IE browser.

When you perform the HTTP content transfer operation for one or more documents using IE, the File Download dialog box or the multi-file download browser window is displayed, successfully.

To disable the pop-up blocker in Firefox:

1. Select **Tools > Options** in the Firefox browser.
The Options dialog box is displayed.
2. Click the **Content** panel.
3. Clear the selection of the **Block pop-up windows** option.
4. Click **OK**.

When you perform an HTTP content transfer operation for one or more documents using Firefox, the Opening <File name> dialog box or the multi-file download browser window is displayed, successfully.

Checkin operation fails when it is performed using Internet Explorer (IE) 8 (WEBTOP-8972)

If you check out a document, delete the checked out copy in the **Checkout** folder, and attempt to check in the deleted document, Webtop prompts you to specify the name of the file to check in. When you specify the name of another file available on your local machine, Webtop replaces the path of the file displayed in the **Check in from file** field with the string "fakepath" and tries to check in the file. For example, if you upload file.txt from the C:\users\contoso\documents\ path on your machine, this path is set to c:\fakepath\file.txt in the **Check in from file** field. As a result, the checkin operation fails and the AbortCurrentProcessingException occurs.

This issue occurs because of a security constraint that is set in IE 8.

Workaround: You can upload files successfully by removing the relevant security setting in IE 8.

To disable the security constraint for uploading files using IE 8:

1. Select **Tools > Internet Options** in the IE 8 browser.
The Internet options dialog box is displayed.
2. In the **Security** tab select the **Internet** zone.
3. Click **Custom Level**.
The Security Settings dialog box is displayed.
4. In the **Miscellaneous** list, select the **Include local directory path when uploading files to a server** option.
5. Click **OK** twice to save the settings.

DRL is not generated with the hostname and IP of the web server in a Webtop SSO clustering environment (WEBTOP-8957)

The DRL in a Webtop SSO clustering environment is not generated with the hostname and IP of the web server. Alternatively, the DRL is created with the following content: <application server>/<managed node>/<internal server hostname>/<IP address>. As a result, when a recipient clicks the DRL, the recipient is redirected to the Webtop login page instead of the SSO login page.

Workaround: Set the appropriate proxy configuration for your application server.

For example, you can configure your copy of the Tomcat application server to include a special <Connector> element, with the following settings:

```
<Connector
  port="8081" ...
  proxyName="www.mycompany.com"
  proxyPort="80"/>
```

The proxyName value can also be assigned with the IP address of the web server.

The setting defined in the example causes servlets in the web application to consider that all proxied requests are directed to www.mycompany.com on port 80.

The Webtop application stops responding when you log in to Webtop on a Solaris or Linux machine (WEBTOP-7736)

The Webtop application stops responding if you log in to Webtop using the Firefox browser on a Solaris or Linux machine.

UCF fails to download on a MAC OS client with JRE 1.4.2.x (WEBTOP-3415, DC-89)

UCF fails to download on a MAC OS client where JRE version 1.4.2.x is installed.

Solution: Ensure that you have installed at least JRE version 1.5 on the MAC OS client.

A java error occurs when you click the Finish button before the Import dialog box user interface is refreshed (WEBTOP-6125)

While the modal dialog box that is opened from the Import dialog box is being closed, the **Finish** button in the Import dialog box appears enabled. If you click **Finish** while the Import dialog box user interface is being refreshed, a java error occurs.

In Choose a folder frame, Name and Cabinet graphic icons are not linked together and they are showing as two different columns (WEBTOP-6231)

When you import a user, the Choose a folder page the Name column is disassociated with the Cabinet name. While the Cabinet icon is displayed in the Name column, the name of the Cabinet is displayed in a separate column.

Users with the dce_user_manager role are unable to perform tasks in the collaboration room (WDK-1608)

Users created with the dce_user_manager (a non-administrative user manager) role are unable to participate in discussion threads, check out documents, and edit documents in the collaboration room, or upload new content into the collaboration room. Such users can only view the contents of the room. Alternatively, if the Client Capability setting of the dce_user_manager role is changed from "Consumer" to "Contributor", users with this role are allowed to contribute content to the room and participate in discussions in the room. However, if the Client Capability setting is set to "Contributor", such user accounts can no longer be edited.

Unable to edit the Author field for a document you own (168946/WEBTOP-1230)

Although you have the Browse and Change Ownership permissions for a document you own, Webtop does not allow you to edit the Author field for the document. However, if you are granted the WRITE permission for the document, Webtop allows you to edit the **Author** field for the document.

Workflow report generation is slow (146812/WEBTOP-1514)

Workflow reports are generated very slowly.

The MSG_START_WORKFLOW_FROM_DOC property is not translated to Japanese (144861/WEBTOP-2388)

The MSG_START_WORKFLOW_FROM_DOC property is not translated to Japanese in the MenuBarNlsProp_ja_JP.properties and GenericActionNlsProp_ja_JP.properties files.

Translation of strings in the Japanese interface for Quickflow is incomplete (144888/WEBTOP-2391)

When you view users in the Quickflow interface, text in the column heading do not appear in the Japanese language.

Workflow report fails to list all running workflows sometimes (145316/WEBTOP-2405)

When you view a Workflow report, the report displays blank rows occasionally. Webtop fails to list the running workflows in the report.

Some strings in the Japanese Webtop User Guide are not internationalized (160303/WEBTOP-5712)

Some words in the Japanese Webtop User Guide continue to appear as English words because they are not internationalized.

Webtop stops responding after you close multiple new windows (WEBTOP-6139)

If you open multiple new or additional windows using the Selection dialog box or the **Tools > New Window** option, Webtop stops responding after all the additional windows are closed.

You are prompted to restart the computer when the drag-and-drop plugin is upgraded to a later version (WEBTOP-6571)

After enabling the drag-and-drop feature in Webtop 6.0 and logging out of Webtop, if you log in to Webtop 6.5 using the same browser session and enable the drag-and-drop feature, the drag-and-drop plug-in is upgraded and you are prompted to restart your computer instead of being prompted to restart the browser.

Junk characters displayed in topic titles in the Table of Contents pane of the online help

If a topic title contains 's (apostrophe + s), the Firefox browser will substitute that character with a 'junk' character. This issue does not occur in Internet Explorer.

Workaround: View the HTML help in Internet Explorer.

Unable to create a PDF for a file in the EMCMF format (WEBTOP-2056)

Log in to Webtop that uses a repository enabled with CTS/ADTS. When you import an EMCMF format file that contains a .msg file, and transform the EMCMF file to PDF, the PDF rendition is not created.

The File > About Webtop requires to be resized manually to view the controls in the Internet Explorer 6 (154725/WEBTOP-1103)

In Internet Explorer 6, the browser displays the status bar in the popup window that consumes space and you have to manually resize the dialog box to view the controls. When the About dialog height gets increased, the modal popup window layout appears improper in IE 7.

Opening an EMCMF format file that is attached to a workflow template occupies the entire Webtop page (162691/WEBTOP-389)

Log on to Webtop and select Start Attachments from Workflow in **Tools** menu. Select a Workflow template from Workflow template to an EMCMF format file. If you select an activity and open an EMCMF format file from Inbox, the EMCMF format file that is attached to a Workflow template does not open in a new window.

The search results display the repository name instead of the search text for Russian locale (162958/WEBTOP-424)

The search results display the repository name instead of the search text for Russian locale.

Drag and Drop operation failed during import message appears during drag and drop from Desktop to Webtop (163963/WEBTOP-2012)

When you perform a Drag and Drop operation on the Cabinet node, Webtop throws an error message.

Workaround: Navigate to the desired cabinet and perform the Drag and Drop import operation.

Unable to create a pdf for EMCMF format file (164503/WEBTOP-2056, WEBTOP-7294)

Log on to Webtop that uses a repository enabled with MTS/ADTS. When you select the EMCMF format file and transform to pdf format, the operation fails in Webtop.

Drag and Drop export of sub versions is not successful (164748/WEBTOP-4481, WEBTOP-7115)

When you perform a drag and drop operation from Webtop to your desktop on a document from the Versions page, the operation is not successful while you are in the Versions page that has at least three previous versions of documents from the View menu.

Unable to create a pdf for EMCMF format file that has an attachment (164956/WEBTOP-4495)

Log on to Webtop that uses a repository enabled with MTS/ADTS, and import a .msg file that has a dm_document as an attachment. When you select the EMCMF format file and transform to pdf format, the operation fails in Webtop.

Drag and drop of multiple files from Webtop to desktop results in the export of only a single document instead of all the selected documents (170602/WEBTOP-2484)

Drag and drop of multiple files from Webtop to desktop results in the export of only the highlighted single document instead of all the selected documents.

EMCMF file gets corrupted when exported from Webtop to Desktop through Drag and drop in 2008 server and Vista machine (170890//WEBTOP-2515)

Drag and drop feature does not export a dm_message_archive object sporadically on Windows Vista and 2008 OS. It is recommended to use the Export Action to export these files.

Importing an email message fails (170752//WEBTOP-2494)

The Operation failed: Conversion of mail message failed error message appears when you import an email message. This happens as ES1_MRE does not get downloaded into the client machines with application server and content server are set to Arabic regional settings.

Firefox crashes after you log on to Webtop in Sun JRE 1.4.2_18 and Windows 2008 (167380)

When you log onto Webtop using the Firefox browser with JRE 1.4.2_18, and Windows 2008 environment, it throws an error.

Unable to create a pdf for EMCMF format file that has an attachment (164956//WEBTOP-4495)

Log on to Webtop that uses a repository enabled with MTS/ADTS, and import a .msg file that has a dm_document as an attachment. When you select the EMCMF format file and transform to pdf format fails in Webtop.

Known problems specific to Webtop Federated Search

The following known problems apply to Webtop Federated Search in Documentum 6.5, which include the following:

Sorting disappears when navigating clusters (137716)

If you sort search results by any criteria, then navigate search clusters, the results are no longer sorted.

The search fails if you add quotes to a property value when searching external sources (132942)

If you add quotes to a property value when searching external sources, the search fails.

Known problems specific to Documentum Collaborative Services

This section describes known defects in EMC Documentum Collaborative Services (DCS) software that may affect your use of the product.

Data table choice list options cannot be reordered (130179)

If you create a table with a choice list field, you cannot reorder the choices once you create them.

Properties dialog box has various broken appearances when multiple calendar events are selected (135208)

Documentum 6 supports viewing and setting properties of multiple items, but the Properties dialog box has various problems if you select multiple data table entries or calendar events.

Field names in New Table Entry may be displayed in wrong language (136521)

Data tables are created in the default locale for the repository. If field names are then added in a different locale, the actual attribute name will be used for display.

Image in rich-text folder description does not display when Webtop is behind proxy firewall (136933)

When Webtop is behind a proxy firewall, viewing a folder with a rich-text image description does not show the image.

In Internet Explorer 7, cannot type characters in discussion titles on containers (138648)

Using Internet Explorer 7, if you create a container (such as a folder or a room), and enable discussions on the container, in a discussion comment you are unable to type the following characters into the title: %, &, (,], and '.

Missing options in advanced search dialog box for calendars (141383)

In the Advanced Search dialog box, for object type Calendar Event, the following options should be there but are not: the Properties list should contain **Recurrence**; the Date list should contain **Start** time and **End** time; when **Start** or **End** is selected from the Date list, the characters "=", "<", and ">" should be available; when Organizer is selected from the Properties list, the next list should have more options such as "contains", "begins with", and so on. Also, the search operation should be successful when searched on Organizer name and the Attendee name.

Rows do not inherit permission set on data tables in room (141647)

If a governed data table in a room has its permissions changed, new rows do not inherit the changed permissions, but instead get the shared room ACL. This is correct for governed folders but not for data tables.

Copy of subscribed room automatically added to the Subscriptions list (142178)

When the copy of a room is accessed the first time, the subscription prompt should appear. However, no subscription prompt appears yet the Subscriptions node shows both the original room and the copy.

When discussion column is not visible in summary view of data table, View > Discussion is grayed out (142193)

View > Discussion is grayed out when the discussion column is not visible. You should be able to view the discussion whether or not the column is displayed in summary view.

Name of imported calendar event is replaced by name of ics file (142564)

When an ics file is renamed, the name of an imported event is replaced by the name of the ics file. It should retain the name of the original event.

Backspace or Delete does not work when editing rich text in Firefox (148721)

When editing rich text in Firefox, you cannot Backspace or Delete until you enter a character.

Audit trail for workitem not using business calendar (149042)

The audit trail for a workitem that uses a business calendar is not updated and shows the system calendar time rather than the business calendar.

Special characters garbled in data table import from .csv file (151619)

When you import into a data table from a .csv file that contains special characters (such as French) in a plain text field, the import completes without error but the text is mangled in the new row of the table.

Error occurs when a non-current version of an object is made to be governed by a room (157528)

When a non-current version of a governed object is removed and then added to the same room, the non-current version should be governed by the room but it is not, and an error occurs.

Only the current version of a document is moved (159863)

If a folder containing a document with multiple versions is moved from a room to a new folder and then the room is deleted, if the document is moved to another folder, only the current version is moved.

Comments not visible in Activity Template (162040)

Comments are not visible in the target location with selected activity of the type "Package Comments for Discussion". All comments entered while processing workflow activities from your inbox should be summarized in the comments to the folder. However, none are stored inside the target location.

Note that an alternative way to expose discussions is to leverage the Web Service.

Attachment field deleted by user with WRITE permission only (163886)

Attachment field is deleted when user with only WRITE permission to an attached document edits the schema of a data table.

Deleting data table with checked-out attachment deletes another entry instead (164107)

If you attempt to delete a data table that has an entry with a checked-out attachment, the data table is not deleted. Instead, an entry other than the one with the checked-out attachment is deleted.

Error occurs when importing a .csv with a blank member list field into a data table with a member list field defined (164123)

In a data table with a schema that includes a member list field, importing a .csv file that contains a blank member list field causes an error.

Unable to create a new object with an assigned ACL (167668)

An error message appears, when you attempt to create a new object, assign an ACL name and domain to the object, and link the object to a room.

Unable to create a room using Webtop 5.3x with Content Server 6.5 (168936)

When you attempt to create a room using Webtop 5.3x with Content Server 6.5, an error message appears.

Unable to import a message to a room created in collaboration mode (170846)

When you create a room by installing a collaboration DAR file and attempt to import a message to the room, an error message appears.

Known problems specific to Application Connectors

The following known problems apply to Application Connectors.

An error occurs while installing Documentum Application Connectors (DAC-505)

If you install Documentum Application Connectors on a machine where .NET is not installed, the Application Connectors installer launches the .NET 1.1 installer automatically. However, the following error message is displayed when the .NET installer is running:

"Only users with administrator privileges on the local system can run Microsoft .NET Framework Setup. Setup will now close."

Solution: You must ensure that you install .NET as an administrator before you install Documentum Application Connectors as a power user.

Documentum Application Connectors installer always attempts to install .NET when a power user runs the installer (DAC-506)

Although .NET 1.1 or 2.0 is installed on the machine, if you install Documentum Application Connectors as a power user, the Application Connectors installer attempts to install Microsoft .NET. However, the installation fails and you are prompted to proceed or terminate the installation. If you choose not to install .NET, the Documentum Application Connectors is installed successfully, and the Documentum Application Connectors product functions properly.

An error occurs and the menu options of the application connector appear disabled in Webtop (162416/DAC-496)

When you log in to Webtop for the first time on the Windows platform, and edit an MS Office document, the application connector's menu options in Webtop appear disabled, and an error occurs.

Documentum Application Connector prevents the proper unloading of the VBA code associated with automated workbooks (DAC-463)

If Documentum is integrated with MS Excel, and you open a workbook containing macros using MS Excel, access the VB editor where the VBA project is listed, close the workbook, open it again, and access the VB editor, the VBA project is listed twice. For example, you open a VBA-automated workbook in Excel after enabling macros in the workbook, and access the VB editor, the HelloWorldProject project is loaded into the memory. If you close the workbook, and open the workbook again, the VB Editor displays two instances of the project, HelloWorldProject.

The Documentum Application Connectors menu in MS Word is replaced by the Adobe Comments menu (DAC-467)

COM add-ins use Normal.dot template of MS Word to define and store menus. If Adobe Acrobat version 7 or 8 (or a similar application) is used with DAC in MS Word, these add-ins may conflict with the DAC COM add-in for MS Word, and may corrupt the DAC menu, or may prevent the DAC menu from appearing in the toolbar.

Workaround: The recommended workaround is to upgrade to Adobe Acrobat 9. Alternatively, you can delete the **Normal.dot** template (locate the file in the following path: ..\Documents and Settings\<<NT user name>\Application Data\Microsoft\Templates) every time this problem occurs.

Custom macros for MS Office Applications may conflict with DAC

When custom macros are present along with DAC for MS Office applications, these macros may conflict with DAC and not function properly as the conflict may occur when Application events such as close and save are triggered.

Problem uninstalling Documentum Application Connectors SDK using Remove option (122592/DACSDK-23)

When both Documentum Application Connectors and Documentum Application Connector SDK are installed in a machine and when you try to uninstall the Documentum Application Connector SDK using the Remove option, the Documentum menu in the Documentum Application Connectors is removed.

Workaround: Double-click Documentum-AppConnectors-Client.exe. A window opens up with repair/modify and remove option. Select the repair option and click the finish button to repair the Documentum Application Connectors. Now, the **Documentum** menu reappears in the Office Application.

Removal of the Documentum menu from the TextEditor of SDK (131347/DAC-188)

When you install and uninstall Documentum Application Connectors on a machine which already has Documentum Application Connectors SDK installed results in removal of the Documentum menu from the TextEditor of SDK.

Workaround: Execute the SDK msi exe. This will open a window with the repair/modify and remove option in the window. Select the repair option and click the finish button to repair the SDK TextEditor. Now, the Documentum menu reappears.

Non-Admin user can run the installation of Documentum Application Connectors without any error message (152978/DAC-56)

On a Windows machine, log on as a user without any administrator privileges and try to install DAC 6.5. The installation allows you to install Application Connectors without any error message. The DAC 6.5 installation must display a warning message that you do not have administrative privileges to install Application Connectors.

MS Office XP SP3 throws 'Conversion of mail message failed' error while importing a .msg mail format message to the repository as an EMCMF format (165092/DAC-367)

Log on to a repository from MS Outlook. Select a .msg format message and save as an EMCMF format message from the Documentum menu. MS Outlook throws 'Conversion of mail message failed' error.

'Do you want to overwrite the already existing files' dialog appears while viewing the EMCMF format message from the repository for the Second time (165103/DAC-368)

When you try to open an EMCMF format message for the second time, 'Do you want to overwrite the already existing files' dialog appears instead of opening the mail.

Limitations

This section describes limits on the usability of current functionality. The limitations may be part of the product design or may result from issues with associated third-party products.

Limitations common to all WDK applications

This section describes limitations that are common to WDK and all WDK applications.

WDK-based applications encounter classloader-related problems (WEBTOP-1986)

If WDK-based applications are deployed in a BEA WebLogic 9.2x or 10.0 MP1 Server environment, the applications will encounter classloader-related problems.

Workaround:

Modify the BEA classloader behavior in one of the following ways:

- Using the `prefer-web-inf-classes` element
- Using Filtering ClassLoader

Note: If you encounter a similar issue using other versions of BEA WebLogic, apply the workaround documented in this section.

Using the `prefer-web-inf-classes` element

You can change the BEA WebLogic system classloader behavior for the application by setting the value of the `prefer-web-inf-classes` tag to `true` in the `weblogic.xml` file available in the `<WDK-based application>\WEB-INF` folder, and adding the modified file into the `WEB-INF` folder of the `<WDK-based application>.war` file.

To modify the BEA classloader behavior:

1. Add the following configuration in the `weblogic.xml` file that is available in the `<WDK-based application>\WEB-INF` folder:

```
<!DOCTYPE weblogic-web-app PUBLIC "-//BEA Systems, Inc.//DTD Web Application
8.1//EN" "http://www.bea.com/servers/wls810/dtd/weblogic810-web-jar.dtd">
<weblogic-web-app>
  <description>Weblogic Webapp</description>
  <container-descriptor>
    <prefer-web-inf-classes>true</prefer-web-inf-classes>
  </container-descriptor>
</weblogic-web-app>
```

2. Add the modified file into `<WDK-based application>.war`

Using Filtering ClassLoader

You can use the Filtering ClassLoader mechanism to configure the WDK application classloader deployment descriptors and explicitly specify that classes bundled in the `WDK-based application.war` files must always be loaded from the relevant application, and not by the BEA WebLogic system classloader. However, this method of changing the BEA class loading behavior for the WDK

application requires configuring the application and weblogic-application XML files, and repackaging the application .war file as a .ear file, and then deploying the .ear file on the BEA WebLogic Server.

To configure the Filtering ClassLoader:

1. Open the META-INF\application.xml file and define the name of the .war file for the relevant application in the web-uri tag:

```
<"xml version="1.0" encoding="UTF-8">
<application xmlns="http://java.sun.com/xml/ns/j2ee" xmlns:xsi="http://
www.w3.org/2001/XMLSchema-instance" version="1.4">
  <module>
    <web>
      <web-uri><WDK-based application>.war</web-uri>
      <context-root>/<WDK-based application></context-root>
    </web>
  </module>
</application>
```

Note: The application.xml file references the application in the web-uri element. Ensure that the application war file name defined in this tag matches the .war file name that you deploy.

2. Open the META-INF\weblogic-application.xml file and add a prefer-application-packages descriptor element as described below. This descriptor element details the list of packages to load from the application.

```
<"xml version="1.0">
<weblogic-application xmlns="http://www.bea.com/ns/weblogic/90"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <application-param>
    <param-name>webapp.encoding.default</param-name>
    <param-value>UTF-8</param-value>
  </application-param>
  <prefer-application-packages>
    <package-name>org.apache.xerces.*</package-name>
    <package-name>org.apache.xml.*</package-name>
  </prefer-application-packages>
</weblogic-application>
```

3. Create a EAR file using Win Zip or WinRAR with the following content and relative directory references:
 - <WDK-based application>.war
 - META-INF\application.xml
 - META-INF\weblogic-application.xml
4. Deploy the application in the BEA WebLogic application server environment.

A stack overflow occurs when some content transfer operations are performed (WEBTOP-8869)

When a user with only the Read permission on a specific document or cabinet checks out that document or creates a folder or document in that cabinet on a computer where a JRockit version prior to BEA JRockit 5.0 (R27.3.1) JDK is installed, a stack overflow occurs.

Unable to create BOCS objects while running WDK-based version 5.3x applications (DC-1738)

If you are running WDK-based version 5.3x applications and you have configured the BOCS server to serve Content Server 6.x, you will not be able to create BOCS objects. You can create BOCS objects for WDK-based applications 5.3x only if the BOCS server serves a 5.3x Content Server. Therefore, it is recommended that you use Documentum Administrator 5.3x to create BOCS config objects in the BOCS server that serves a 5.3x Content Server.

Error messages appear in the WebLogic log file when a file transfer operation is performed (WEBTOP-1896)

There is no response when an end user performs a file transfer operation, and the following error messages are listed in the WebLogic log file:

- Caused by: DfException:: THREAD: ExecuteThread: '23' for queue: 'weblogic.kernel.Default'; MSG: [DM_SESSION_E_AUTH_FAIL]error: "Authentication failed for user ts77714 with doabase xxxxx."
- <Error><WebLogicServer><tktpcfimap1><webtopj- server><weblogic.health.CoreHealthMonitor><<WLS Kernel>><<BEA-000337> <ExecuteThread: '4' for queue: 'weblogic.kernel.Default' has been busy for "1,657" seconds working on the request "Http Request: /webtop/com/documentum/ucf/server/transport/impl/GAIRConnector", which is more than the configured time (StuckThreadMaxTime) of "600" seconds.>

The error occurs because of a thread usage limitation in UCF design. This UCF design limitation occurs on WebLogic implementations only. Documentum WDK is designed to spend a larger number of threads than the total number of concurrent users on the basis of the following formula:

Number of threads = (Number of users performing content transfer * 2) + Number of other active users not performing content transfer operations + Threads required for other browser requests

While UCF works on its own thread using the WDK browser thread, it calls and launches another thread to perform the task of transferring the file. As a result of this thread usage behavior, the number of threads used, exceeds the **ThreadCount** setting, which in some cases, is the maximum thread count value in the Execute Queue in WebLogic.

In addition, this limitation leaves a waiting thread in the thread queue if the value of the **ThreadCount** setting in WebLogic is less than the required number. This is because of the thread-call design of UCF where the UCF client launches the secondary function on a different thread although there are no free idle threads. As a result, the status of the UCF client is **wait-for-release**, and the following thread is noticed when a thread dump is collected:

```
"ExecuteThread: '27' for queue: 'weblogic.kernel.Default'" daemon prio=5
tid=0x00a38d88 nid=0x29 in Object.wait() [0xcf001000..0xcf0019c0]
  at java.lang.Object.wait(Native Method)
  at
com.documentum.ucf.server.transport.impl.ServerSession.waitReleaseStreams
(ServerSession.java:690) - locked <0xd6c5c3a0> (a java.lang.Object)
  at
com.documentum.ucf.server.transport.impl.GAIRConnectorServlet.doPost
(GAIRConnectorServlet.java:80)
```

Workaround:

WebLogic server diagnoses a thread as stuck if it is continually working (not idle) for a set period of time.

You can fix the Stuck Thread problem by performing the following steps:

1. Modify the thread pool size.

The relation between the number of concurrent users and the number of threads must be on the basis of the following formula:

Number of threads = (Number of users performing content transfer * 2) + Number of other active users not performing content transfer operations + Threads required for other browser requests

The computed value must approximately be 2.5 to 3 times the number of active users.

2. If the problem persists, collect thread dumps and application server logs in the following manner:

1. Watch the application server log and trace the threads that are reported as stuck.
2. If threads are reported as stuck for more than 2 to 3 hours, you must collect thread dumps at an interval of 4 to 5 minutes. Collect 8 to 9 thread dumps in the specified time intervals. Collect a final thread dump after 20 minutes counting from the time you collected the 9th thread dump.
3. Collect a final application server log and 4 to 5 thread dumps before shutting down the application server.

The thread dumps and application server logs display the same threads that were listed in the log collected in step 2.1.

Limitations reported in earlier versions

The following limitations were reported in previous versions of the product and may exist in the current version.

Unable to select text in dialog boxes (166880/WDK-1824)

Webtop users are not allowed to select text in dialog boxes in Webtop. For example, you cannot select text in the Properties dialog box.

This is an issue with Internet Explorer (IE), and it is not a Webtop issue.

Unable to copy text from any dialog box in Webtop to the clipboard (WDK-1452)

Unable to copy selected text from any dialog box in Webtop using version 6 of the Internet Explorer (IE) browser. This is an issue with Internet Explorer (IE), and it is not a Webtop issue.

Create New Folder button is not displayed in the Select Folder dialog box while exporting files from Webtop (167523/WEBTOP-2730)

While exporting files from Webtop, the **Create New Folder** icon is not available in the Select Folder dialog box.

This is a problem with the JFileChooser API. The Create New Folder button is disabled incorrectly. For more information about this issue, click this URL: http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=4847375

Show All Properties may not work (64824, 65092/WEBTOP-5995)

When the application server locale does not match the locales in the repository, the Show All Properties feature does not work. For example, if you have installed the application server on an English machine locale (en) and the repository has only one installed locale, which is Japanese, the query attempts to retrieve information for the repository locale.

Solution: Publish the data dictionary information for the application server locale in the repository.

One actionmultiselect control per page (62228)

If you are customizing a WDK application, do not use an actionmultiselect control in more than one place in a frameset.

The import dialog is not populated with sent and receive dates (105321/WEBTOP-4108)

The import dialog is not populated with Sent date and Receive Date. If the attribute type is IDfTime and the attribute component is used, the value is not displayed. This is because DocbaseAttributeValueTag.java does not support the attribute type IDfTime. The import dialog is not populated with Sent date and Receive date.

Silent import does not apply preset ACL (131470/WEBTOP-3802)

A new object will get the default ACL from the Server Config unless the user explicitly goes to the Permissions UI and selects the preset ACL value.

Errors from TBOs or aspects are not displayed in WDK applications (139378/WDK-1248)

Aspects and TBOs do not have a mechanism to propagate error messages to their clients, in this case, to the WDK application.

Custom attributes cannot be handled by ScrollableResultSetDataHandler (94837)

Custom attribute handling is by DFCQueryDataHandler and any other data handler class that implements ICustomAttributeDataHandler. You need to use these classes to get this additional functionality. ScrollableResultSetDataHandler is not Documentum-aware, so it is not appropriate to add custom attribute handling to it.

Unable to perform a case-sensitive search with full-text index

Search on properties against an indexed Content Server is case-insensitive.

Workaround: If you need to have case-sensitive search for properties, you must set the DisableFTDQL hint in a DQL hints file for all attribute searches. This may impact the performance negatively on most searches.

Backward compatibility

Running WDK 5.x applications in the same application server instance as WDK 6 applications is not supported. Two or more WDK-based version 6 applications can share the same server instance.

Page not found errors if HTTP 1.1 not enabled in client browser

The browser reports Page not Found when the user clicks on a cabinet or folder. You must enable HTTP 1.1 in the IE browser in the **Tools > Internet Options > Advanced** tab. In the HTTP 1.1 settings section, check **Use HTTP 1.1**.

No template available for ASCII files

The Content Server does not install a template to create a new ASCII file (crtxt). **Workaround:** You can either create a file with format = none, or you can create an ASCII file template in your server templates folder.

Bulk file import requires Import Manager

The capacity of the application to perform large numbers of file imports, or imports of very large files, depends on several factors: user load, network bandwidth, server memory capacity, application server memory settings, and the number of files or folders that users are attempting to import. The number of files can be limited by configuring the <max-import-files-and-folders> element in the import container component definition. The default value is 1000, but this can be set lower. The product Import Manager is designed for bulk file import.

ACS is not used to view HTTP content unless configured to break virtual links

ACS is not used to view HTTP content as shipped. In order to display HTTP content through ACS, the <maintainvirtuallinks> parameter must be set to *false*. Setting <maintainvirtuallinks> to *false* will mean that relative links in documents will not work, however. ACS can be used for HTTP Edit, Checkout, and Export since these operations don't display content within the browser.

Localized characters not supported with virtual links (69570)

Non-ASCII characters are not supported in virtual links because they are used in URLs, which are limited to ASCII-only characters. A workaround is to use DRLs.

PDF opens in new browser window (71118, 96304)

The default setting for IE is to open a new window for each PDF file being viewed inline.

Workaround: Open IE Tools menu > Internet Options > Advanced > Browsing and check **Reuse windows for launching shortcuts**.

Owner cannot delete document when group is deleted (71026)

This limitation is pending resolution of Content Server bug #71113

If a group to which a document owner belongs is deleted and that group was given Delete permissions on a document, the document owner will not be able to delete the document.

Browser Back button causes problems with subsequent operations (73971, 74061)

Using the browser Back button can cause problems with refreshing the display. This may cause problems if the user performs subsequent operations based on this display. For example, if a user checks out an object, then uses the Back button on the browser, the lock is not displayed and the user can check out the document again. A second example is if the user deletes a document on the Versions page, then clicks the Back button on the browser, the deleted document is still displayed, but if the user tries to perform an operation involving the deleted document on this page, a generic error message appears.

Problems checking in a version as noncurrent (74112)

If the user checks in a document as a new version but chooses not to make that the CURRENT version, then the CURRENT version becomes immutable. You cannot then attach a lifecycle to the CURRENT version.

Templates must be manually moved to Templates cabinet in order to share them with other users (74114, 74296)

When the user checks the template box on the document's PropertiesInfo page, the template must be manually moved or copied to the Templates folder in the repository, or users will not have access to it.

Browser pop-up blocker prevents some application pages from opening (84279, 104215/WDK-181)

Windows XP SP2 installs a pop-up blocker that is enabled by default. If you are using Windows XP SP2 and Internet Explorer, the Windows pop-up blocker prevents some WDK-based application pages from opening.

For example, the following pages are blocked:

- DQL and API Tester page
- Online help pages
- Error pop-up window
- PDFs for annotation by PDF Annotation Services

To solve this, add your WDK-based application server to the pop-up blocker's **Trusted Sites** list.

PDF document does not open in HTTP content transfer (96072)

If the Adobe Comment Connector is enabled in app.xml and the document preferred format is PDF, the document cannot be opened, viewed, or commented in HTTP content transfer mode. Adobe Comment Connector requires UCF content transfer.

Some large documents cannot be streamed inline (97284)

If the user preference is set to stream a document type inline in the browser, some documents may fail to stream. This is dependent on the limitation of the browser plugin for that document format. For example, the Microsoft Word plugin does not support streaming. PDF byte-serving (streaming page by page) is not supported by the Documentum platform.

Cannot check out a virtual document through its replica and check it in from the source (101572/DFC-843)

Checking out a virtual document from replica repository, then checking in the virtual document to the source repository, is not supported. You must check it out and back in from the same repository.

Private JRE in UCF installation is large (103154/WDK-152, 126906/WEBTOP-5292, 126912/DC-57)

The private JRE that is downloaded by UCF is larger than one megabyte. If there is no JRE on the browser machine, there will be a new JRE downloaded and installed. To avoid the lengthy download, the administrator can install the JRE prior to transferring content.

UCF content transfer operations fail on Windows Vista (132632/ DC-28 , 134461/WEBTOP-957, 134478)

Content transfer operations such as import, export, view, checkout, check in, preferences, and so on fail on Windows Vista operating system on IE7 with User Account Control (UAC) on.

Workaround: Choose one of the following

- Turn off UAC for each user
- In the browser, add the site to the list of Trusted Sites in IE7. In the application, set the UCF client configuration registry.mode value to file instead of windows. For information on these procedures, refer to *Web Development Kit and Webtop Deployment Guide*.

No failover in components that call DFC or BOF classes using instance variables (145202/WDK-266)

Instance variables cannot be used in components that support failover, because they cannot be serialized. If the component calls a DFC class or business object that uses an instance variable, the component cannot support failover.

Limitations reported in version 6

The following limitations have been reported for version 6.

Some functionality not available on 5.3.x Content Server

If a user connects to a 5.3.x Content Server, the following functionality will not be available. These features require Content Server version 6 (in addition to the global registry version 6):

- Presets
- Accelerated Caching Services (ACS) and Branch Office Caching Services (BOCS) write operations
- Create relationships
- Lifecycle enhancements in the properties, checkin, import, and new document pages

Presets not applied to search results

Presets that filter available objects based on location, object type, or user are not applied to search queries or results.

"Search here" is not available in a context menu (129198/WEBTOP-3715)

If the user right-clicks on a folder, **Search here** is not one of the available actions.

Presets do not filter out columns (129637)

A column selector filter exists in the presets DocApp but has not been implemented in the presets editor. If the user attempts to select columns in the preset editor

Group is still listed in the preset page after the group is deleted (137144)

Type, group, user, and role preset scopes are stored by reference to their name so that the preset can apply to multiple repositories if it is configured to do so. If the user deletes a group from one repository but not another, the preset should still contain the group name because it may apply to other repositories. It is not feasible to check whether the group has been deleted from all repositories.

Cannot use ctrl-tab and ctrl-shift-tab to move within tabs (138522/WDK-1241)

The Windows navigation within tabs is ctrl-tab to move forward and ctrl-shift-tab to move backward. These are not available.

Workaround: Use the tab and shift-tab shortcuts to move forward and backward through tabs.

Mac OS X upgrade to 1.4.11 breaks WDK applications

An upgrade from the certified Mac operating system of 10.4.10 to 10.4.11 installs Safari 3, which is incompatible with the current version of WDK-based applications.

Drag and Drop of a folder from Webtop to Desktop is not supported (163006/WEBTOP-431)

Drag and Drop of a folder from Webtop to Desktop is not supported.

Drag and drop link operation across repositories is not supported (163600/WEBTOP-1994)

Drag and drop link operation fails for the respective folder/document and a message is displayed indicating that the link operation across repositories is not supported.

Workaround: Clipboard can hold multiple documents, and You can use the Clipboard for moving, copying or linking to another location in the repository.

Limitations specific to Documentum Collaborative Services

The following limitation applies to Documentum Collaborative Services.

In data table plain text and number fields, blanks appear at beginning of ascending sort order instead of at the end (132927/WEBTOP-2139)

In a data table view, sorting plain text and number field columns in ascending order places the blanks at the beginning before the alphabetic entries. They should sort with alphabetic values first, followed by blanks.

Limitations specific to Application Connectors

The following limitations apply to Application Connectors.

Busy cursor is displayed for a long time in the Security Alert dialog (102362/DAC-101)

When you click 'No' to cancel the Documentum operation in the 'Security Alert' dialog box while Application Connector is pointed to an SSL Webtop URL, a busy cursor is displayed for a long time and you are not allowed to perform any other operations with Office applications.

With 2 instances of Outlook open, the second does not have Documentum menu (123460/DAC-27/DAC-572)

If you open a second instance of Microsoft Outlook, the second instance does not have the Documentum menu. This is a limitation of MS Outlook for all add-ins.

Unable to verify the URL dialog in Application Connectors installer (102200/DAC-100, DAC-565)

When you enter a valid SSL Webtop URL in the Enter Webtop URL dialog box of the Application Connectors installer, the Unable to Verify URL dialog box is launched with the following message:

```
Setup could not connect to this URL. Would you like  
to save the URL and continue anyway?
```

Click **No** to edit the URL and test it again. Click **Yes** only if you are sure the URL is correct.

Even though this message is displayed, you can connect to the URL and it does not prevent from installing.

Limitations specific to Webtop

The following limitations apply to Webtop.

Although the Link Here action is excluded in the Edit menu and the Context Menu while creating a Preset, users are allowed to link documents using the drag-and-drop functionality (WEBTOP-6516)

Although the **Link Here** action is excluded in the **Edit** menu and the **Context** menu while creating a Preset, the **Context** menu that is displayed when you right-click and drag a document to another folder, continues to list the **Link Here** option. When you select this option, Webtop allows you to link the selected document.

Drag-and-drop actions are not supported for Presets. As a result, the **Context** menu that is displayed when you right-click and drag a document to another folder, will always list the **Link Here** option.

Unable to install ExMRE manually on the Windows 7 operating system (WEBTOP-10210)

If you manually install the Email Xtender executable (ExMRE.exe) on the Windows 7 operating system, an error occurs and ExMRE is not installed.

This error occurs because ExMRE does not support Windows 7 in 6.5 SP3 although Webtop 6.5 SP3 supports Windows 7 platform with Internet Explorer 32-bit browser.

Unable to attach multiple files while starting a Workflow (WEBTOP-5812)

When you select more than one file to attach to a workflow while starting the workflow, only one file is attached and sent to the user's Inbox. After the first file is attached an error message is displayed indicating that the remaining files do not apply to the workflow template.

Limitation of associating multiple files with a workflow

The selected files must match the process or workflow template to which you are attaching them, in the following ways:

- The number of files selected to attach with a workflow must be equal to the number of packages. If the number of files exceeds the number of packages, only the first few files are used to start the workflow.
- The object type of the files must match the type defined in the package.
- The object version label of the files must match the label defined in the package.

Search string option is unavailable in Webtop online help (WEBTOP-8649)

When the Webtop online help is viewed using Firefox 3.5.2 or Firefox 3.5.5 the **Search string** text box is not displayed in the navigation pane.

This behavior is a design limitation.

Workaround:

Click the **Accessible Help Documentation.pdf** link in the Webtop online help window to open the help PDF and use the full capabilities of Acrobat search to locate the required content.

Preferences are not saved when the Webtop session times out or the browser window is closed (170670/WEBTOP-2491)

User preferences and preferences set in the Preferences page are not saved when the Webtop session times out or the browser window is closed. This issue occurs only if the Webtop application is deployed on IBM WebSphere Application Server 7.0.

Users accessing the Webtop application that is deployed on IBM WebSphere Application Server 7.0, are recommended to log out of the Webtop application using the **Logout** option or the **Logout** button to save user preferences and the preferences set in the Preferences page.

Unable to add favorite items using the Context menu in Internet Explorer (IE) 8 (WEBTOP-9125)

When you select a document in Webtop, right-click the document, and select the **Add to Favorites** option, the Add a Favorite dialog box is not displayed and the document cannot be bookmarked. In addition, when you click the Add to Favorites icon and select the **Add to Favorites** option in the Properties dialog box of a document, the Add a Favorite dialog box is not displayed.

Modal popup dialog boxes stop responding when the ucf resident invoker is disabled (WEBTOP-6131)

After modifying `app.xml` to disable ucf resident invoker, if you log in to Webtop using Internet Explorer 6 or 7 on a machine where JRE 1.6 update 12 or later is installed, any modal popup dialog box stops responding when it is opened while performing operations such as export and checkout.

Linking a folder between rooms fails occasionally (148719/WEBTOP-6526)

Linking a folder with contents from roomA to roomB occasionally fails the first time when using newly created rooms.

The Files dialog box fails to display folders and files properly while importing files to Webtop (WEBTOP-5998)

When you browse a folder containing a high volume of files to select a file to import into Webtop, the Files dialog box does not display the folders and files properly.

This is a problem with the JFileChooser API. Poor performance is reported when there is a large number of files in a subdirectory. For more information about this issue, click this URL: http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=6468222.

The status of a file changes to Checked Out when it is checked out to a read-only folder (159291/WEBTOP-4794)

When you check out a file to a folder for which the Read-only attribute is set, Webtop displays an error message but the status of the file is changed to Checked Out. The WDK-based application displays an error message that the Checkout location folder does not have the Write permission and the status has changed to Checked out.

Graphics are not displayed when you view the Web Workflow Manager online help using Firefox (WEBTOP-6567)

When you view the *Web Workflow Manager online help* using the Firefox browser, graphics in the online help are not displayed.

Slow script warning message appears when some operations are performed in Webtop (WEBTOP-4474)

The slow script warning message may appear in the Webtop application when certain operations are performed (export, breadcrumb navigation, and so on).

Workaround: To avoid this issue, you must unselect the **Enable Runaway JavaScript Timer** option in the **Debug** menu in Safari 3.0 or earlier, or select the **Disable Runaway JavaScript Timer** option in the **Develop** menu in Safari 3.1 or later, prior to logging in to Webtop. For instructions on configuring the **Enable Runaway JavaScript Timer** option or the **Disable Runaway JavaScript Timer** option, see the *WDK and Webtop Deployment Guide*.

Webtop times out when you click a Webtop URL in an MS Office document (WEBTOP-6746, WEBTOP-6211)

When you click a link to a Webtop URL in an MS Office document on a machine where Internet Explorer (IE) 6 is installed, Webtop is opened. However, after you log in to Webtop, the Webtop session times out and the login page is displayed.

This is a known issue from Microsoft. You can use the workaround suggested at the following URL: <http://support.microsoft.com/kb/899927/en-us>

Limitations specific to accessibility

The following limitations apply to WDK-based applications specific to accessibility.

JAWS reader fails to read the label in the Available Actions page (WDK-1656)

In the Memberships page that is displayed when you click the **View Current User Memberships** link in the Available Actions page for a selected user, the Group icon is not associated with the "Name" column, and the JAWS reader fails to read the label of the "Group" icon.

Label of the Additional Accessibility Options checkbox is read thrice (WEBTOP-6067)

When you log in to Webtop for the first time and select the **Additional Accessibility Options** checkbox to enable accessibility features in Webtop, the JAWS application reads the label of the **Additional Accessibility Options** checkbox thrice in the **Login** page.

Workaround: By default, accessibility must be enabled when the Webtop login page is launched. To enable accessibility in the WDK layer, the **app.xml** file must be modified as follows:

```
<accessibility>
  <alttextenabled></alttextenabled>
  <keyboardnavigationenabled></keyboardnavigationenabled>
  <shortcutnavigationenabled></shortcutnavigationenabled>
</accessibility>
```

With this change, the **Additional Accessibility Options** check box on the login page will always be selected. You must unselect this option to disable accessibility.

Label for password field read twice

Label for password field is read twice. For example, JAWS reads as 'Password Password Edit'. You can correct this by making the following changes in configuration:

Workaround: The accessibility mode to be 'enabled' when the login page is launched. To enable the accessibility mode in the WDK layer, the **app.xml** file needs to be modified as follows:

```
<accessibility>
  <alttextenabled></alttextenabled>
  <keyboardnavigationenabled></keyboardnavigationenabled>
  <shortcutnavigationenabled></shortcutnavigationenabled>
</accessibility>
```

With this change, the Accessibility Checkbox on the login page will always be selected. For non-accessibility mode, you need to deselect this.

Fields are not marked mandatory in the Login page

Fields that need to be marked as mandatory are not mentioned as mandatory. For example, the Login name and password fields are mandatory fields of the form.

Workaround: The accessibility mode to be 'enabled' when the login page is launched. This workaround is required for the login page as there is no accessibility information available at the time of first login.

Autocomplete suggestions that appear as dropdown list are not being read out by JAWS

The autocomplete suggestions that appear as a dropdown list are not read out by JAWS.

Workaround: Autocomplete feature has been disabled for the accessibility mode.

Technical Notes

This section provides configuration and usability notes for current product features.

Technical notes common to WDK applications

The following technical notes apply to all WDK-based applications.

Webtop does not automatically define a unique name to a file while checking it out to the Checkout folder (WEBTOP-10051)

When you check out a document in Webtop into the **Checkout** folder in which a read-only file with the same name as the document you are checking out already exists, Webtop prompts you to provide an alternate file name for the file you are checking out. Webtop does not implicitly create a new file with a unique file name in the **Checkout** folder on your computer.

This behavior is by design.

Workaround:

You can change the behavior to ensure that Webtop does not prompt you to provide an alternate file name while checking out a file in Webtop if a file by the same name already exists in the **Checkout** folder. Alternatively, you can configure Webtop to download the content with a new file name, which is similar to the original name of the file in the **Checkout** folder. For example, if the original file name is `a.xml`, then the checked out version of the file is named as `a_2.xml`.

Add the following option to the `virtual_root/wdk/contentXfer/ucf.installer.config.xml` file available on the application server:

```
<option name="prompt.file.overwrite">  
  <value>false</value>  
</option>
```

To change the behavior for a specific user, add the specified option to `ucf.client.config.xml` (available in `{user.home}\Documentum\ucf\{hostname}\shared\config` directory) on the user's computer. Restart the `javaw` process running on the client computer to ensure that the setting takes effect. This setting is applicable to compound and simple documents.

Configuring request input timeout value for DFC and UCF events

Configure the `<requestinput-timeout>` configuration parameter in the `wdk/app.xml` file by specifying an appropriate value, to ensure that stuck threads are released. The default value is zero. The value is specified in seconds. This value is set for request input timeout for DFC and UCF events.

If you specify a non-zero (+ve) value for this parameter the JobAdapter thread waits for input from the user until the specified duration is exceeded after which the thread is released. Alternatively, if the parameter value is *zero*, the Job Adapter thread waits for user input for the duration specified in the `<session-timeout>` parameter available in the `<session-config>` element in `WEB-INF/web.xml`.

Modify the value of the `<requestinput-timeout>` parameter that appears as follows in the `wdk/app.xml` file:

```
<requestinput-timeout>0</requestinput-timeout>
```

Passing additional Virtual Machine parameters to the UCF Client from the application server

You can pass additional VM parameters, such as debugging instructions, to UCF clients by setting the relevant configuration in the application server. Add the following option to the `virtual_root/wdk/contenXfer/ucf.installer.config.xml` file available on the application server:

```
<option name="java.startup.options">  
  <value>[Valid Java Parameter][Separator character that does not exist in any of the  
  listed java parameters] [Valid Java Parameter]...</value>  
</option>  
<option name="java.startup.options.separator">  
  <value>[Separator character]</value>  
</option>
```

Example 6-1. Configuration to set the memory heap size

```
<option name="java.startup.options">  
  <value>-Xms100m; -Xmx500m</value>  
</option>  
<option name="java.startup.options.separator">  
  <value>;</value>  
</option>
```

Example 6-2. Configuration to carry out remote debugging of a UCF client

```
<option name="java.startup.options">  
  <value>-Xdebug; -Xnoagent; -Xrunjdpw:transport=dt_socket,server=y,suspend=y,  
  address=5009</value>  
</option>  
<option name="java.startup.options.separator">  
  <value>;</value>  
</option>
```

Configuring Oracle WebLogic Server 11g R1 (10.3.1) and later

For the Oracle WebLogic Server 11g R1 (10.3.1) and later, add the following configuration in **weblogic.xml** that is available in the `webtop\WEB-INF` folder:

```
<session-descriptor>  
<cookie-http-only>false</cookie-http-only>  
</session-descriptor>
```

Converting existing EMCMF messages to the new EMCMF format

You can configure the Webtop application to import email messages with the `.msg` extension as `dm_message_archive` type objects that are stored in the repository with the `.emcmf` extension. The `msg` to EMCMF message format conversion utility (`ES1_MRE`) is used to convert these email messages in the `msg` format (`.msg` files) to the EMCMF format (`.emcmf` file). Besides importing the converted messages into Webtop, the `emfimport` component extends the `import` component and sets various email attributes on the imported email. The `msg` to EMCMF message format conversion utility is also used to convert `.emcmf` files to `.msg` files while exporting EMCMF files.

Note: A separate migration utility is available to migrate existing messages of `dm_email_message` type (and its subtypes) and the `.msg` format to the `dm_message_archive` type (EMCMF) or one of its subtypes.

The `msg` to EMCMF message format conversion utility available in Webtop 6.5 SP1 has been modified in Webtop 6.5 SP2. As a result, when you upgrade from Webtop 6.5 SP1 to Webtop 6.5 SP2, you are recommended to convert all existing Webtop 6.5 SP1 EMCMF objects (`dm_message_archive` type) in each repository, to the Webtop 6.5 SP2 EMCMF format using the latest version of the `message_id` conversion utility.

For instructions on using the `message_id` conversion utility, see *Webtop 6.5 SP2 Email Migration Guide* posted on the Powerlink website (<http://powerlink.EMC.com>).

Note: If existing EMCMF messages are not converted to the latest EMCMF messages, and such messages are imported into Webtop, the de-duplication check on the `message_id` of the messages will fail and the same messages are imported. So the repository will contain two copies of the message, each with a different `message_id`.

Enabling the wild-card CONTAINS operator for string properties

The Content Server version 6 treats the `CONTAINS` operator as `CONTAINS WORD` to avoid wild-card query timeouts against the full-text index. Following are two examples of `CONTAINS` and `CONTAINS WORD` queries:

- If the user searches on a property string in the advanced search page, for example, `CONTAINS "wdk"`, this string is treated as a string `" wdk "`, so that the documents named `"wdkindex` or

"search_wdk would not be returned but the documents named "wdk treats" or "About WDK" will be returned.

- If the user searches on a property string "ran", CONTAINS "ran" in the old mode returns "Restaurants.txt", "Insurance.pdf", "Warranty.xls", "Ran" by Kurosawa.doc and "On the Run.pdf". (Note that the last one requires lemmatization on the index server.) In the new, default CONTAINS WORD mode, only the last two examples are returned.

Most queries that users issue are for whole words, not parts of words. The query will return the same results for string properties entered into the full-text search box or selecting a property with the CONTAINS (WORD) operator. Whereas in past versions, lemmatization contributed to timeout errors by multiplying the number of results, lemmatization becomes a helpful feature.

You can revert to the wild-card CONTAINS operator behavior by enabling a checkbox in the advanced search JSP page. This checkbox will query the database rather than the full-text index for property strings. Recently modified properties that have not yet been indexed will also be returned.

Note: The properties query against the database will be case-sensitive.

To enable the checkbox, remove the JSP comment tags around the <dmfxs:searchscopecheckbox> tag in the JSP page.

Creating a roles precedence tree

When presets conflict, such as a user who belongs to two roles, each of which has different available actions, the applicable preset is randomly applied. You must modify app.xml to specify the precedence of roles. The role precedence is applied based on the order in which roles appear within the <rolesprecedence> element. For example, if the user is member of both the consumer and the administrator roles, and the consumer role is listed first, the user will not have administrator presets applied. The following example, in a file appxml_modifications.xml in custom/config, sets the administrator role to take precedence over the consumer role in repository A and the opposite precedence in the staging repository B:

```
<application modifies="wdk/app.xml">
  <insert path=rolemodel>
    <rolesprecedence>
      <filter docbase="A">
        <role>administrator</role>
        <role>coordinator</role>
        <role>contributor</role>
        <role>consumer</role>
      </filter>
      <filter docbase="B">
        <role>consumer</role>
        <role>contributor</role>
        <role>coordinator</role>
        <role>administrator</role>
      </filter>
    </rolesprecedence></insert></application>
```

When you configure rolemodel precedence in app.xml and refresh the configurations in memory, the precedence may not be applied for up to ten minutes, because roles are cached for ten minutes on the application server. You can stop and restart the application server to get an immediate change in precedence.

Note: After a filtered precedence is used, it cannot be refreshed by the configuration service. You must stop and restart the application server to get a change in filtered precedence.

Enabling or disabling the ACS/BOCS write mode

The change in Webtop 6.5 SP1 is that the file `<webapps-root>\webtop\wdk\app.xml` that can be modified to enable or disable ACS/BOCS write mode.

By default, sync write (and async write) are disabled in Webtop. For Webtop 6.5 SP1, sync write is enabled by default. You can disable it by changing the appropriate setting in the XML file of the web application (`<webapps-root>\webtop\wdk\app.xml`) as shown in the following example:

```
<accelerated-write>
  <!--when set to be "true", enables ACS, and, when optimal, BOCS write operations-->
  <enabled>true</enabled>
  <!--when set to:
  1. "prohibit-async" - application doesn't allow BOCS write asynchronously
  2. "default-sync" - application should see content written from BOCS to ACS
  synchronously by default
  3. "default-async" - application should see content written from BOCS to ACS
  asynchronously by default-->
  <bocs-write-mode>default-sync</bocs-write-mode>
  <!--when set to "true" allows override of default BOCS write mode by users
  (in general, it should be scoped with <filter> tag, e.g., role-based)-->
  <allow-override-bocs-write-mode>>false</allow-override-bocs-write-mode>
</accelerated-write>
```

The application server hangs when you click on the + sign when the folder has a thousands of subfolders (165687)

Webtop does not allow an user to expand a folder that has thousands of subfolders if the number of folders exceeds a configurable parameter specified in the `DocbaseFolderTreeMaxFolderToShow` value. When a folder has thousands of subfolders, and you click on the + sign from the browser tree, you can only see a link that displays "2004 objects...". For example, if you click on this link, the browser tree attempts to load all the 2004 objects that causes the application sever to run out of memory and hang.

When you deploy Webtop, a configurable parameter that allows the browser tree to render nodes in the browser tree. If you exceed this configurable parameter, you cannot use the browser tree node to expand the subfolders. You can only expand and view the desired folder from the parent folder on the right pane.

If you want to tweak the configurable parameter to an optimal value, then you can arrive at a number on a trial and error basis. The configurable parameter is "`DocbaseFolderTreeMaxFolderToShow`", and defined in the "`DocbaseFolderTreeNlsProp.properties`" file that can be found in the following location: `<context root>\wdk\strings\com\documentum\web\formext\control\docbase`".

Technical notes specific to Webtop

The following technical notes apply to Webtop.

Choose the destination option is not displayed when the Export operation is performed (WEBTOP-8914)

If a document or folder is exported to a machine where Native UCF is enabled and JDK/JRE is disabled, the Select Folder dialog box is not displayed.

Ensure that the supported JDK/JRE is installed and configured on the client machine.

The Import dialog box does not display the Add Files, Add Folders, and Remove buttons (WEBTOP-8913)

If Webtop is running on a computer where Native UCF is enabled and JDK/JRE is disabled, the Import dialog box does not display the **Add Files**, **Add Folders**, and **Remove** buttons.

Ensure that the supported JDK/JRE is installed and configured on the client machine.

If the Advanced Search operation is performed with the Current Location only option selected, the operation fails (WEBTOP-8522)

If you perform the Advanced Search operation by selecting the **Current Location only** option in the **Locations** field, the search operation fails. In addition, the following error message is displayed: "Scope Unreachable". This error occurs if a folder name specified in the search path contains the semicolon (;) character.

It is recommended that you do not use the semicolon or any special character in folder names. If a folder name includes such characters, and an Advanced Search operation is performed with this folder as location, the operation fails.

Value Assistance attributes are not refreshed in Webtop running in the accessibility mode (WEBTOP-6171)

In the Properties dialog box, if there are object types that have value assistance queries that depend on each other, the Properties dialog box is not refreshed in Webtop running in the accessibility mode.

The "onChange" event used in the normal mode is not used in the accessibility mode. The "onkeypress" event is used instead of the "onChange" event. You must press the Enter key after selecting an option in the dropdown list for the refresh operation to be performed. Select the required

attribute from the dropdown list and press the Enter key. The page is refreshed and the dependent attributes are also refreshed.

The Advanced Search dropdown list is not refreshed in Webtop running in the accessibility mode (WEBTOP-6169)

The **Advanced Search** dropdown list is not refreshed in the accessibility mode.

The accessibility mode uses the "onkeypress" event instead of the "onclick" event and hence you must press the Enter key for the selection and refresh operations to be performed.

Users can subscribe only to the latest version of a repository item

When you subscribe to a repository item, you are subscribed only to the current version, which is the latest version of the item. For example, if you select a repository item that has multiple versions, and the latest version is 1.3, and you subscribe to version 1.2, you are subscribed to version 1.3 of the repository item, and not to version 1.2 of the same item.

This behavior is common to all previous and current versions of Webtop.

Help pages without helpcontextid not displayed in 6.5

In 6.5 release, when you click on the help button for components that do not have a helpcontextid associated with it, the help page will not be displayed (in a similar scenario, the help pages of parent/previous components were displayed in earlier versions of Webtop).

New role created to prevent any user from delegating workflow tasks (162770/BPM-262, BPM-1008)

In earlier releases, any user can delegate workflow tasks after installing Process Engine. To prevent this from occurring, Process Builder version 6.5 SP1, includes a new role **dm_workflow_task_supervisor** for work queue management. If a task needs to be processed by other users other than the task performer, workflow supervisor, or sysadmin, then other users need to be a member of this new role. The queue_manager and queue_advance_processor roles are members of this role.

For more information on this role, refer to *Documentum System Object Reference Manual*.

Business Calendar Prerequisite (162776)

Webtop 6.5x must have Process Engine installed on the Content Server in order to use the Business Calendar feature. For Webtop 6.0x, the BPM DocApp must be installed on the repository to use this functionality.

Technical notes specific to Application Connectors

The following technical notes apply to Application Connectors.

Allow multiple Citrix users to use Application Connectors (DAC-559)

The Administrator who starts **CredentialManager.exe** must not log off from the Citrix server after installing Documentum Application Connectors (DAC) on the Citrix server, because the Administrator is the owner of the process that holds the credentials for all users. Therefore, it is recommended that only the Administrator must install DAC on the Citrix server to allow multiple Citrix users to use Application Connectors.

Application Connectors and Webtop compatibility

We recommend that you always use the same version of Documentum Application Connectors (DAC) as the version of Webtop running in your environment. DAC works at the previous level of functionality and does not break when installed in a mixed DAC and Webtop environment.

For example, if you work with Webtop 6.5 SP1, and then install DAC 6.5 SP1, DAC works with the latest 6.5 SP1 functionality. If you work with Webtop 6.5 and then install DAC 6.5 SP1, DAC works only at the previous 6.5 level and does not break.

The behavior of Save As has changed

When you perform a Save As operation, Documentum Application Connector (DAC) creates a copy of the document in the repository as a new file, locks the new file in your name, and opens the new file in the editing application. The document from which you performed the Save As operation, is closed and remains unchanged.

Admin or Power User privileges are required to install Application Connectors

Admin or Power User privileges are required to install Application Connectors.

DAC for Outlook does not function properly if SQL Server 2005 is running on the client machine (DAC-371)

Documentum Application Connectors (DAC) for Outlook does not function properly if SQL Server 2005 is running on the client machine.

Application server should be running when you install Application Connectors (103580)

When you install Application Connectors, you are prompted for the URL of a valid application server. The application server for which you type the URL should be running or the menu definition file will not be downloaded to client and the Documentum custom menu will not be visible for Word/PowerPoint/Excel applications. If the application server is started after the installation of Application Connectors, users must should log out and log in again to their client workstation. As a result, the Application Connectors runtime can download their necessary menu configuration.

Microsoft Word and Excel force you to save even when no changes were made (111215)

If you open a repository document for editing through Microsoft Word or Excel, and if you then select **File>Exit** without making any changes, you will get a dialog box asking you to save the document (either into the repository or locally), even though you did not make changes. You can select **No** if you do not want to save the document. This behavior indicates that Word and Excel automatically change the file modified date and time when you open a document, thus making it appear that the document's content has been changed.

Documentation

This section describes the documentation related to this product.

Webtop documentation set

These documents comprise the Webtop documentation set for this version of the product:

- *Webtop Release Notes*, version 6.5 SP3 (this document)
- *Webtop User Guide*, version 6.5 SP2 (P/N 300-009-270 A01)
- *Web Development Kit Release Notes*, version 6.5 SP3
- *Web Development Kit and Webtop Deployment Guide*, version 6.5 SP2 (P/N 300-009-274 A01)
- *Web Development Kit Development Guide*, version 6.5 (P/N 300-007-231 A01)
- *Web Development Kit Tutorial*, version 6.5 (P/N 300-007-232 A01)
- *Web Development Kit and Webtop Reference Guide*, version 6.5 (P/N 300-007-233 A01)
- *Webtop Email Migration Guide*, version 6.5 SP2 (P/N 300-009-492 A01)
- *Collaborative Services Deployment Guide*, version 6.5 SP3

Obtaining the correct documentation

The Powerlink website (<http://powerlink.EMC.com>) contains the downloadable packages for specific product versions along with the release notes, installation guide, and other relevant documentation associated with the product version. To locate product documentation, navigate to **Support > Technical Documentation and Advisories > Software ~ D ~ Documentation**, then select the product name and version number.

Note: The majority of Content Management products are listed under **Software D > Documentum ?**, where ? = a letter, or letters, in the alphabet.

Product documentation that is available online from the application (as online help) does not appear as a separate item; it is automatically downloaded and installed with the software.

Documentation corrections and clarifications

This section lists corrections and clarifications to the product documentation.

Incorrect reference to Webtop Extended Search as a licensed option in the WDK and Webtop Deployment Guide

The *WDK and Webtop Deployment Guide* incorrectly reflects that the Webtop Extended Search is a licensed option. Webtop Extended Search no longer requires an additional license, and any Webtop/WDK customer can download Webtop Extended Search.

Incorporate the following changes in the *WDK and Webtop Deployment Guide*:

- Change the following statement from: "The extended search features are available as a licensed option, which requires the installation of DARs in addition to the WDK-based application." to: "The extended search features require the installation of DARs in addition to the WDK-based application."
- Delete the following note: "Although Webtop Federated Search Service (FS2) is a licensed option, no license file is required for the DAR installation."

Incorrect context-sensitive help topics are displayed in the Webtop user interface (WEBTOP-9009, WEBTOP-9011, WEBTOP- 9013, WEBTOP-9014, WEBTOP-9031)

Incorrect help topics are displayed when you click the Help icon on the following pages:

- Resume Workflow — the Resume a paused workflow help topic must be displayed
- Halt Workflow — the Pause a workflow help topic must be displayed
- Delegate — the Delegate a task help topic must be displayed
- Abort Workflow — the Stop a workflow help topic must be displayed
- Add Comment — the Perform a task help topic must be displayed

Incorrect documentation in the Send a quickflow section of the Webtop User Guide (WEBTOP-965)

Step 6 in the **Send a quickflow** section of the *Webtop User Guide* indicates if a quickflow is configured by selecting the Return to Me option, then a notification is sent to the supervisor after a user completes a quickflow task.. This is incorrect.

Modify Step 6 as follows:

Select the **Return to Me** option to ensure that the quickflow is assigned to you again after the task is completed by all users/groups to whom it is assigned.

Webtop online help and Webtop User Guide PDF display the "???" and "()" characters in some content (WEBTOP-8968)

Redefine the cross-reference at the end of the following line that currently displays the "???" and "()" characters in the **Use modal dialogs** section of the Webtop online help and the *Webtop User Guide* PDF, respectively:

"This feature provides modal popup dialogs for action screens involving dialogs."

Incorrect help topic is displayed when you open Webtop help from your Inbox (WEBTOP-7818)

When you open the Webtop online help while accessing your Inbox, the **Workflows and Quickflows** topic is displayed instead of the **Inbox overview** topic.

Update the WDK and Webtop Deployment Guide with additional information on configuring Oracle WebLogic Server 11g R1 (10.3.1) and later (WEBTOP-9450)

Create the **Configuring Oracle WebLogic Server 11g R1 (10.3.1) and later** section in the **Completing the Deployment** chapter in the *WDK and Webtop Deployment Guide* and add the following content:

For the Oracle WebLogic Server 11g R1 (10.3.1) and later, add the following configuration in **weblogic.xml** that is available in the `webtop\WEB-INF` folder:

```
<session-descriptor>  
<cookie-http-only>false</cookie-http-only>  
</session-descriptor>
```

Correction to content in the Webtop User Guide (WEBTOP-3402)

Replace the content in the second bullet under Step 1 of the **To start a workflow** section in the *Webtop User Guide* with the following content:

If your workflow is designed to include multiple packages, select **Tools > Workflow > Start Attachments** and choose one document for each package.

Incomplete documentation about the Queue_processor role in the Webtop User Guide (WEBTOP-8610)

Add the following documentation for the Queue_processor role in the **Work queue roles** section of the *Webtop User Guide*:

Users with the Queue_processor role do not select the tasks on which they work.

Incorrect information in the Webtop User Guide (WEBTOP-223)

The following content in Step 6 of the **Send a quickflow** section of the *Webtop User Guide* is incorrect:

To receive a notification when a user completes the review, select the **Return to Me** checkbox.

Change the content in Step 6 as follows:

Select the **Return to Me** checkbox to receive a task when a user completes the review.

Update the Webtop User Guide with additional information on subscription

Users can subscribe only to the latest version of a repository item. Add the following content in the first paragraph in the **Subscriptions** section of the *Webtop User Guide*:

When you subscribe to a repository item, you are subscribed only to the current version, which is the latest version of the item. For example, if you select a repository item that has multiple versions, and the latest version is 1.3, and you subscribe to version 1.2, you are subscribed to version 1.3 of the repository item, and not to version 1.2 of the same item.

Additional information for the WDK and Webtop Deployment Guide

Add the following line at the end of the Caution note in the **Enabling Documentum Collaborative Services** section of the *WDK and Webtop Deployment Guide*:

For more information, see the *Documentum Composer User Guide*.

In addition, change the Caution tag to a Note tag.

Incorrect references to "Webtop Federated Search (WFS)" in the WDK and Webtop Deployment Guide

Chapter 11 in the *WDK and Webtop Deployment Guide* contains references to "Webtop Federated Search Service (FS2)". These references must be changed to "Webtop Federated Search (WFS)".

Correction to content in the WDK and Webtop Deployment Guide

Update the content in the **Changing the classloader and compiler settings** section of the *WDK and Webtop Deployment Guide* as follows:

Modify the content under "Configure the settings as follows:" as indicated:

```
<jspAttributes xmi:id="JSPAttribute_1178213473751"
name="jdkSourceLevel" value="15"/>
```

Add the following code if you are using WAS 6.1.0.21:

```
<jspAttributes xmi:id="JSPAttribute_3" name="useJDKCompiler"
value="true"/>
```

Modify the first sentence in the **Setting com.ibm.ws.webcontainer.invokefilterscompatibility to true** section as follows:

If you are using WAS 6.1.0.21, you must add the webcontainer com.ibm.ws.webcontainer.invokefilterscompatibility custom property and set it to **true** using the WebSphere Admin console; otherwise, all UCF content transfer operation will fail.

Correction to content in the Documentum Collaboration Services online help (DCS-7)

The description of the usage and restrictions for the permanent_link attribute of RichText type is incorrect in the *Documentum Collaboration Services online help*.

The documentation must clearly state that the permanent_link attribute for the "dmc_richtext_relation" of the "dm_relation_type" object must be set to *TRUE* in Documentum Collaboration Services Edition.

Correction to the Search chapter in the Webtop User Guide

The name Webtop Extended Search has been changed to Webtop Federated Search from 6.5 release, only the name. The Extended Search occurs in the Search chapter of the *Documentum Webtop User Guide* version 6.5. This name change to Federated Search does not affect the functionality (advanced search functionality such as clustering of the search results, real-time monitoring, and search templates). The deployment of the corresponding DARs too remains unchanged. The deployment instructions are currently documented in the Installing Documentum Webtop Federated Search chapter of the *Web Development Kit and Webtop Deployment Guide*, version 6.5 SP1.

Correction to the Lifecycles chapter in the Webtop User Guide

The following is the corrected description in the Viewing Lifecycles section from Lifecycles, Chapter 8 of the *Documentum Webtop User Guide*:

You can advance a file through its lifecycle manually by selecting the file and using the **Promote** menu option, or Records Manager (RM) Administrator can advance a file through its lifecycle automatically based on conditions specified in the lifecycle definition, if a retention policy is associated with the lifecycle. You can also demote a file to a previous lifecycle state. Ensure that the corrected text is shared with the *Documentum Records Manager Administrator User Guide*.

Software Media, Organization, and Files

This section describes the media in which the software is available, the organization of the product components in the available media, and the file names for all available product components which can be downloaded.

Software Media

This product is 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.

Organization

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.

Files

The following modules/files comprise the contents of this release:

- Documentum AppServer Policy Files, Version 6.5 SP3 (zip)
- Documentum Virtual Link Root Application, Version 6.5 SP3 (war)
- WDK_Samples_and_TestBed_6.5_SP3.zip
- EmailMigration.zip, Version 6.5 SP3
- Documentum Web Development Kit and Webtop Deployment Guide, Version 6.5 SP2 (pdf)
- Documentum Web Development Kit and Webtop Reference Guide, Version 6.5 (pdf)

- Documentum Webtop Release Notes, Version 6.5 SP3 (pdf)
- Documentum Webtop, Version 6.5 SP3 (war)

Installation

The instructions for installing the product are provided in the *Documentum Web Development Kit and Webtop Deployment Guide*.

Ensure that your system meets the requirements listed in [Chapter 4, Environment and System Requirements](#) before installing the software.

Troubleshooting and Getting Help

Documentum's technical support services are designed to make your deployment and management of Documentum products as effective as possible. The *EMC Customer Support Guide* provides a thorough explanation of Documentum's support services and policies. You can download this document from the Powerlink site (<http://powerlink.EMC.com>) by navigating to: **Support > Request Support > Customer Support Guide**.