

# Release Notes 2013-09-20

Config db ntf: 20130920110000  
 Analyze db ntf: 20130920110000  
 Help db ntf: 20130920110000 / Content: 20130920110000  
 Windows Version: 4.0.0 :: MAC OS X Version: 2.0.44 :: Linux Version: 2.0.42  
 Eclipse Plugin: 2.0.0

**Major Improvements: New Help database, new look & feel for Config & Analyze database, added various new Eclipse management Actions and Options, fixed a problem with Connection Actions, new Mail Blocking module, performance improvements, view sorting now roams, and much more**

General Notes	
	<p>Supported IBM Lotus Notes releases: 5.x, 6.x, 7.x, 8.x, up to 9.0 including the IBM Notes Browser Plugin (Administrators need at least IBM Lotus Notes 8.x, preferably Windows)</p> <p>Supported client-side operating systems: Microsoft Windows XP, 2003, 2008, Vista, 7, 8, and Citrix/WTS, Apple Intel Mac OS X 10.5-10.8 (Leopard, S Mountain Lion), Linux</p> <p>Supported server-side operating systems: any supported by IBM (operating system independent)</p> <p><i>NOTE: Support is limited for platform and release combinations not supported by IBM</i></p>
	<p>Linux &amp; Mac OS X: Eclipse Management, Skinning, Realtime, Zip/Unzip and Attachment Blocking are not available on Linux or Mac OS X; Citrix, Linux &amp; Mac OS X: the MarvelClient Upgrade module is only available on Windows (=not on Citrix, Linux or Mac OS X)</p> <p><b>MarvelClient on Mac OS X and Linux does not support the runtypes "After Login - Before Sync", "After Login - After Write", "On first server access", "Background" - any such actions must be set to run at a different supported runtime, e.g. "After Login"</b></p>
<b>I M P O R T A N T N O T E S</b>	<p>This release contains <b>select important updates highlighted in red</b></p>
Configuration Database	
FIX	<b>IMPORTANT fix for connection document actions: Newly created connection actions were missing the "&lt;managed&gt;yes&lt;/managed&gt;" flag, leading to problems in conjunction with "delete all but managed" connection actions. To fix this problem, please check/resave location actions created since August. Note that location/connection documents are only flagged as managed if the action is set to "add if non-existing and change if found" and if set to run in the background.</b>
FIX	Fixed a visual problem with binaries for multiple platforms in the same "DLL" update document: In the DLL update view, the platform column has been relabeled to "available platform(s)", and a new column "enabled platform(s)" has been added.
FIX	Fixed a problem with references not being supported in "target file name" fields of roaming actions
FIX	Fixed a problem with Eclipse Config GET and SET, as well as Eclipse Install/Uninstall Actions not supporting dependencies on the Admin tab
FIX	Fixed a typo in the view "Icons & BMs by Target" (Not Title --> No Title)
FIX	Fixed a wrong field label in Extended XML Export Action ("Target directory" twice --> "Target Directory" and "Open all?")
FIX	Eclipse Sametime Community management Actions were previously not displayed in the All Actions\by RT, Prio, Title view - this is now fixed.
FIX	Fixed a problem with multi-document deletion in one go (multiple remove actions could potentially have the same timestamp)
FIX	The Smart File Downloader Action wrongly offered MBit values instead of Mbps values - this is now changed.
FIX / CHANGE	In previous releases, timestamps in regions with active Daylight Savings were incorrect by one hour. Timestamps are now updated properly.

N EW	The Header in Actions now provides <b>context-sensitive help</b> (What, When, Who, Admin tab, Enabled/Disabled field, title field, repeat interval, all fields same context-sensitive help will be expanded across the entire Configuration database in the coming weeks.
N EW	Added an option to the Eclipse\ESET. Set Eclipse Config Action to allow <b>custom multivalue seperators for merge and unmerge operations</b>
N EW	Added a new Action "Eclipse\EPREF. <b>Set Eclipse Preferences</b> " for more convenient setting of various Eclipse preferences
N EW	Added a new Action "Eclipse\EPREF. <b>Set Eclipse Spellcheck Words</b> " which allows to add and/or remove words from user dictionaries for IBM Notes add "panagenda" and "MarvelClient")
N EW	The "Eclipse\EPP. Eclipse Plugin Install/Uninstall" Action now allows to select <b>batch provisioning for plugins with multiple/many features</b>
N EW	Various Eclipse Actions (e.g. Plugin Install/Uninstall and Sametime Community) now have an additional checkbox to "add <b>extra troubleshooting info</b>
N EW	Added a new Action "Eclipse\Sametime\ESTNM. <b>Sametime Notification Messages</b> " for easy configuration of the corresponding Standard client preference
N EW	Added a new Action "Eclipse\Sametime\ESTSM. <b>Sametime Status Messages</b> " for easy configuration of the corresponding Standard client preference
N EW	Added a new Action "Eclipse\Sametime\ESTM. <b>Sametime Meeting Server</b> " for convenient configuration of Sametime Meeting server settings
N EW	Added a new Action "Eclipse\Connections\ECPS. <b>Connections Plugin Settings</b> " to configure the IBM Connections Plugin Settings.
N EW	Added a new Action "MarvelZip\Attachment Blocking\Filespecs\Y3. MD5 Hash" which allows to block files by MD5 hash --> regardless of what filenames end users choose for the famous christmas.exe, the file will be blocked based on its unique content hash.
N EW	<p>Added a new section MarvelZip\Mail Blocking for the new <b>Mail Blocking</b> feature (available as a new seperately licensed module).</p> <p>The new Mail Blocking feature gives you total control over the impact your users messages are allowed to have on your infrastructure. This means tha limits to attachment sizes, you can limit the precise volume of traffic an email will create by allowing your users to send a large attachment to a cowork from sending it to half the company! (You can still do draconian limits if you really, really want to, of course).</p> <p>Here is how it works: With the help of GroupExplorer Light – our source of group member information, free for MarvelClient and MarvelZip customers - Blocking knows the effective number of recipients of any message about to be sent. We then multiply that number with the total mail size to determine network traffic and storage any message will use. The best part is – this happens on the client, before a mail even gets sent and has a chance to impa Blocking also works offline and gives the user instant feedback on why they cannot send that oh-so-important 50 MB Excel sheet to the group "Univer: limits, you can also limit the number of recipients, mail size, and type of recipients. Easily disallow your interns to send mail to recipients outside the cc their department while preventing all users from mailing the CEO (or the admins). Of course you can also control who has which limits using the acces already know from other MarvelClient actions.</p> <p>Added various new Conditions to block by</p> <ul style="list-style-type: none"> <li>- mail size</li> <li>- number of recipients</li> <li>- mail volume (size * recipients)</li> <li>- recipient tags (e.g. internal/external/special recipient tags/...)</li> <li>- in all or (all but) specific databases (based on servername, directory, filename, template name, ...)</li> </ul>
N EW	<p>Added a new Action to tag recipients based on patterns (e.g. all groups that start with VIP* or MassMailingOnly* or similar) for further use in Mail Block</p> <p>NOTE for Design Partner Release: the respective option is not yet to be found in the Navigator.</p>
C H A N GE	<p>The look &amp; feel of the Configuration database has been updated - the most important changes are:</p> <ul style="list-style-type: none"> <li>- removed the outline "laptop like" border</li> <li>- removed the "blue wave" in the header of actions</li> <li>- moved the tabs to the top of action, allowing for more space for the Action itself</li> <li>- the title field is now prominently highlighted in edit mode</li> <li>- the enabled/disabled state is now displayed more clearly</li> <li>- Actions now display which modules they belong to and whether they are licensed or not</li> <li>- Added an icon for various Actions in the header area</li> <li>- ensured that the databases also work with large fonts</li> </ul>
C H A N GE	<p>The All Actions\* views now show the following icons:</p> <ul style="list-style-type: none"> <li>Everyone</li> <li>All but ... (Exclude in use) - NEW</li> <li>Restrict in use</li> <li>Restrict AND Exclude in use - NEW</li> </ul>

C H A N G E	Action Templates for GroupExplorer Automate customers have been changed to reference Automate content through <bulk:* instead of the former <th
C H A N G E	The Settings\CBM. Bookmarks Action - not to be confused with the Objects\A4.2. Bookmark Action - has been removed as it is deprecated (existing A fine for editing, though they can simply be removed since do not have any effect any more)
C H A N G E	Information\Help has been removed from the Configuration database - Online update will remove any thereby orphaned documents. (Help documents have been moved into the new MarvelClient Help database - see further down)
C H A N G E	Information\Release Notes has been removed from the Configuration database - Online update will remove any thereby orphaned documents. (Release Notes have been moved into the new MarvelClient Help database - see further down)
C H A N G E	The view MarvelZip\Zip/Unzip Configuration now shows default categories "- Global -" and "- Database specific -" for documents without Categories
C H A N G E	Added About and Using documents to the Configuration database
C H A N G E	The databases now allow for a full "Recompile All LotusScript" in designer without being dependant on any external lss files
C H A N G E	Online Update has been changed to also download / update the new MarvelClient Help database
C H A N G E	The retire options for Staged Actions have been reduced to only two options: "Retire locally" and Delete"
C H A N G E / E N H A N C E M E N T	The <b>Categorize view action</b> has been enhanced - it now support sub-Categories and allows for Replacing/Merging and Unmerging of Categories

E N H A N C E M E N T	Backup action: additional entries for la_authors and lr_readers can now be configured
E N H A N C E M E N T	The Condition and Access definition lists are now automatically refreshed when opening Actions in Edit mode / switching to Edit mode
E N H A N C E M E N T	The <b>profile document management Action</b> now also supports time ranges and numbers.
E N H A N C E M E N T	Added an option to MarvelZip Attachment Blocking Drag&Drop configuration which allows to display a message box instead of a "forbidden mouse cursor" blocked file.
E N H A N C E M E N T	Added explanatory text to the MarvelZip "multi-file archive" setting to explain that 0 means "never create an archive"
E X P E R I M E N T A L	Added a new Action Client Menu\Actions\I. General\Modify conditions in selected actions for replacing/merging/unmerging conditions across multiple / new feature, let us know, please. The same could be added in a future release for Access definitions/Restrict/Exclude configurations across Actions - i feedback :-)
Analyze Database	

N EW	A new menu option in the Navigation pane has been added: <b>Administration\Audit Configuration</b> : This allows customers to schedule the audit agent "on all servers", but ensure that it effectively only runs on certain / all but certain servers:
N EW	In Cleanup & more configuration, customers can now specify a root URL for "Preview in Web Browser":
N EW	Added a new view "Local Databases\by Encryption"
C H A N G E	The look & feel of the Analyze database has been updated to match the major updates made to the Configuration database
C H A N G E	The Client Menu\Actions\I. General menu entries have been changed from formerly rather cryptic descriptions like e.g. "Toggle Update <> 0" to "M1. F
C H A N G E	The Cleanup Agent has been changed to not autoupdate the replication conflicts view whilst processing it.
C H A N G E	The previous three ECL details views have been split into nine separate views (three for each Workstation/Javascript/Java) as to ensure that all views users.
C H A N G E	The upload document now contains three ECL detail view tabs - one for Workstation/Javascript/Java each
C H A N G E	The embedded ECL detail views now only show common names as to prevent > 32 KB errors.
C H A N G E	Added About and Using documents to the Analyze database

E N H A N C E M E N T	The "Initialize Rollback" Action from inside main upload documents now also works on not yet audited documents
E N H A N C E M E N T	The target server of an "Initialize Rollback" can now be configured under Cleanup & more:
MarvelClient Help	
N E W	<p>Online Update will now pull down a new third database to accompany the existing Configuration &amp; Analyze databases: MarvelClient Help!</p> <p>The Help database will provide more and more context-sensitive help from within the Configuration and Analyze database in the next weeks.</p> <p>For the time being, it shows context-sensitive help for when opening the Configuration database and from the header area in Actions - for details see c for the Configuration database above.</p> <p>NOTE that you must run Online Update twice to pull down the new Help database</p>
MarvelClient Upgrade	
S U R u n A s. a u 3 (3 .1. 0. 5)	Fixed a problem for machines where the WMI service (Windows Management Instrumentation Host) was unavailable,
S U R u n A s. a u 3 (3 .1. 0. 2)	Enhanced SuRunAs to now fully support Upgrade/Update deferral and check for whether certain files exist before continuing - in essence this now allows MarvelClient Upgrade without any agents that were previously needed for deferring upgrades

M C U p g r a d e. e x e (2 .8. 0. 0)	- No Changes -
<b>Eclipse Plugin</b>	
N E W (1 .0. 5)	New option for "batch" provisioning install of features (Eclipse Plugin Install)
N E W (2 .0. 0)	Manage Sametime Meeting Servers in much the same way that we manage Sametime Communities. Note that this does not include general Meeting rooms, alerts, etc.), just the list of Meeting Servers that can be used and the individual settings for those servers.
N E W (2 .0. 0)	Manage default Sametime Status Messages (Active, Away, etc.). This corresponds to Notes Preferences - Sametime - Status messages.
N E W (2 .0. 0)	Manage Sametime Notification display preferences for individual events (announcement, chat room, etc.). This corresponds to Notes Preferences - Sametime - Notification Display. This is for the Standalone client only, not for older clients or Basic Mode.
N E W (2 .0. 0)	Manage Sametime "Auto-Status" settings (how Sametime reacts when the OS is locked, or after a certain period of mouse/keyboard inactivity, etc.). This corresponds to Notes Preferences - Sametime - Auto-Status Changes.
N E W (2 .0. 0)	Add or remove spellcheck words from a user's custom spellcheck dictionary (for example, to add company and product names). This is for the Standalone client only, not for older clients or Basic Mode.
N E W (2 .0. 0)	Add or modify IBM Connections server/login settings. This corresponds to Notes Preferences - Connections for clients with the Connections plugin(s) installed.

NEW (20)	"Add extra troubleshooting information in the logs" setting for many Eclipse-based actions, to automatically provide extra logging from the Notes client action is run. This information will be written to the <mc_working_dir>\trace_log.xml file.
ENHANCEMENT (20)	Better logging for various actions for more effective troubleshooting.
<b>.DLL Updates (Windows)</b>	
FIX (319)	Fixed an issue where the license was parsed too late after an update from the Configuration database
FIX (3122)	Fixed a problem where the properties of the MarvelClient DLL did not contain the any version information when right clicking on dll in Windows Explorer "Properties"
FIX (3123)	<notes:eclipse_data_directory> was set to wrong value for IBM Notes clients that were upgraded from a previous release to >= 9. (this issue only occurred on clients for which the data directory remained in ...\\Lotus\\Notes\\Data - for IBM Notes 9 Lotus was replaced with <b>IBM</b> - and hardcode this ;-))
FIX (3123)	Roaming previously did not roam the preferences bits (ini:Preferences=...) 'refresh inbox automatically', 'display an icon in the system tray', 'scan unre: this is now fixed.
FIX (400)	Fixed a problem where fuzzy time conditions were not resolved properly (e.g. Run Monday only, run also if user doesn't start IBM Notes on Monday bu
FIX (400)	Fixed a problem with backup action and reader fields; in case of a cluster failover, the reader field for a backup document created/updated into a Domino database contained the cluster server name twice i primary and name of secondary cluster server"
FIX (400)	Fixed a problem with truncated icons for users with large font settings



N E W (3 .0.0)	<p>Customers who are using Citrix Password Manager for Single Sign On in Citrix environments are instructed to add ENABLE_EARLY_AUTHENTICATION=0 to notes.ini by Citrix Support. This has various negative side effects (not just for MarvelClient). (for further details, see <a href="http://www-01.ibm.com/support/docview.wss?uid=swg21438725">http://www-01.ibm.com/support/docview.wss?uid=swg21438725</a>)</p> <p>1. MarvelClient customers are advised to remove above line from notes.ini and use MC_UseStandardZOrder=1 instead for a then proper IBM Notes 9 client install together with Citrix Password Manager and MarvelClient.</p>
N E W (4 .0.0)	<p>View column sorting settings now roam natively via desktop.xml</p>
N E W (4 .0.0)	<p>Added filesystem references to query for whether files exist, number of files in a directory and much more - for further details see <a href="#">here</a>.</p>
N E W (4 .0.0)	<p>Added os:rdp_session to config (this new variable may potentially replace os:citrix in the future). Note that for existing customers the variable is not written to config unless referenced (e.g. use config action, user:rdp_session = &lt;os:rdp_session&gt;)</p>
N E W (4 .0.0)	<p>Added a new config variable &lt;os:domain&gt; based on &lt;env:USERDOMAIN&gt;</p>
N E W (4 .0.0)	<p>config now contains mc:bmhp_* variables detailing the current homepage. bmhp_is_set (bool) is 1 if there is a homepage, 0 if there is none. If the variable is missing, we don't know at the time of exporting bookmarks; most likely because bookmarks have not been read yet.</p>
N E W (4 .0.0)	<p>MarvelZip now supports copy &amp; paste from Windows Explorer</p>
N E W (4 .0.0)	<p>MarvelClient Attachment Blocking now supports blocking files based on MD5 hashes</p>
N E W (4 .0.0)	<p>New MarvelClient Volume Blocking module (see Configuration database release notes above for further details).</p>

C H A N G E  (3 .1. 2 1)	<notes:version_release_string> no longer returns the version and date part, but version only
C H A N G E (4 .0. 0)	MarvelClient now prevents roaming actions from being executed before login, if the source is an IBM Domino/Notes database
E N H A N C E M E N T  (3 .1. 1 9)	Log.xml is now easier to read for why actions were (not) executed and understanding in what level of a reference chain execution is currently taking place (Conditions > Action)
E N H A N C E M E N T  (3 .1. 1 9)	Various performance enhancements have been made to the DLL regarding reading and writing of actions.xml - the file is now only read/written if changed which significantly helps with bad disk drive performance
E N H A N C E M E N T (3 .1. 2 1)	Any Action that needs to find a local replica by Replica ID will now prefer databases within the data directory over those outside of it. If several are inside the data directory MarvelClient will still use the alphabetically first within the data directory (as does the IBM Notes client).

E N H A N C E M E N T (4 .0. 0)	<p>The IDVault prompt can now be customized via notes.ini MC_idvault_userdiag_message_top, MC_idvault_userdiag_message_name, and MC_idvault_userdiag_message_example</p>
E N H A N C E M E N T (4 .0. 0)	<p>*.nsc files are now also excluded from replica scanning Also, .config and .metadata directories are now excluded from replica scanner (only if in a subdirectory, not if directly in data directory)</p>
E N H A N C E M E N T (4 .0. 0)	<p>Downloading/updating actions.xml will now create a backup copy of an already existing actions.xml before downloading, and fall back to the backup if xml parsing after download fails).</p>
E N H A N C E M E N T (4 .0. 0)	<p>Added support for new timerange, number, text and text lists management option in Profile document Action</p>
E N H A N C E M E N T (4 .0. 0)	<p>MarvelClient will now properly set bookmark.nsf properties to prevent a design refresh during initial roaming into a "new data directory"</p>

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<div> <div>E</div> <div>N</div> <div>H</div> <div>A</div> <div>N</div> <div>C</div> <div>E</div> <div>M</div> <div>E</div> <div>N</div> <div>T</div> <div>(4</div> <div>.</div> <div>0.</div> <div>0)</div> </div>	Timing (in log and config variables) will no longer have negative values
<div> <div>E</div> <div>N</div> <div>H</div> <div>A</div> <div>N</div> <div>C</div> <div>E</div> <div>M</div> <div>E</div> <div>N</div> <div>T</div> <div>(4</div> <div>.</div> <div>0.</div> <div>0.)</div> </div>	The MarvelClient Eclipse plugin installer has been enhanced to detect and fix issues that prevent it from working.
.dylib Updates (Mac OS X)	
<div> <div>FI</div> <div>X</div> <div>(2</div> <div>.</div> <div>0.</div> <div>4</div> <div>4)</div> </div>	Fixed an issue where MarvelClient would crash on Mac OS with IBM Notes 9
.so Updates (Linux)	
<div> <div>-</div> <div>N</div> <div>o</div> <div>C</div> <div>h</div> <div>a</div> <div>n</div> <div>g</div> <div>e</div> <div>s</div> <div>-</div> </div>	- No Changes -