

Release Notes 2011-09-05

Config db ntf: 20110905074500
 Analyze db ntf: 20110905074500
 Windows Version: 2.5 :: MAC OS X Version: 2.0.29 :: Linux Version: 2.0.29
 Eclipse Plugin:

Major Improvements: Significantly enhanced Cleanup feature, new Runtime [On First Server Access (FSAC)], Performance improvements (especially in combination with running e.g. backup to analyze database on first server access), Enhanced Runtime and new Smart File Downloader Monitoring, Namelookup timeout fix

General Notes	
	<p>Supported IBM Lotus Notes releases: 5.x, 6.x, 7.x, 8.x, up to 8.5.2 FP3 (Administrators need at least IBM Lotus Notes 7.x on Windows or Linux) Supported client-side operating systems: Microsoft Windows NT4 (>=SP2), 2000, XP, 2003, 2008, Vista, 7, and Citrix/WTS, Apple Mac OS X Leopard Supported server-side operating systems: any supported by IBM (operating system independent) <i>NOTE: Support is limited for platform and release combinations not supported by IBM</i></p>
	<p>Linux & Mac OS X: Skinning, Realtime, Zip/Unzip and Attachment Blocking are not available on Linux or Mac OS X; also, MarvelClient on Mac OS X a Management)</p>
I M P O R T A N T N O T E S	<p>This release contains select important updates highlighted in red</p> <p>This release allows for significant runtime improvements (=reduces the duration of after login) through the Namelookup fix and by using the new cleanup feature (action Advanced\JCL. Cleanup) has been enhanced significantly.</p>
Configuration Changes	
C H A N G E	<p>Several of the forms have been changed to display horizontal lines between table rows to make it easier to identify which descriptor / label belongs to</p>
C H A N G E	<p>The workspace page "Action if found" option "Nothing special" has been reworded to "Change properties as follows ..." Also, when selecting the option "Delete page if empty" a line will be displayed stating "If the page is not empty, change properties as follows:"</p>
N E W	<p>The Cleanup action (Advanced\JCL. Cleanup) has been enhanced significantly - it now allows to automatically carry out any combination of</p> <ul style="list-style-type: none"> a.) delete or move replicas with cutoff date problems out of the data directory and optionally recreate them, b.) delete or move old (=not used for a configurable number of days) databases (non-replicas) out of the data directory c.) correct / cleanup links on the workspace/desktop pointing to local replicas that have been moved or deleted. <p>Special attention MUST be paid to the warning shown at the beginning of the cleanup action:</p> <p style="text-align: right;">WARN</p> <p style="text-align: center;">Prior to deactivating simulation you must ensure that you have tested</p> <p>Also, please note that the cleanup action will NOT do anything on clients with file- or directory links. log.xml will then contain a respective note. (Example: <le><t>5753</t><l>1</l><c>WARNING</c><f>CO::DBManager_Impl::Execute</f><m>encountered a file- or dirlink; disabling cleanup action</m></le> This is planned to be fixed in the next release.</p>

<p>N</p> <p>EW</p>	<p>Added a new runtime "On first server access" to actions of type "backup", "run agent" and "run program"</p> <p>- in essence this new runtime allows to run actions as soon as the first database is opened on a particular server after client startup, be it th</p> <p>This new runtime allows to significantly reduce client startup times by moving e.g. the backup to analyze database, hw/sw audit, collection of location :</p> <p>The component can be configured as follows (via a "Notes.ini & variables" action)</p> <p>As of MC 2.5.0, "on first server access" actions are enabled by default, so it is not necessary to specifically enable them - however, fsac_thread_serve</p> <p>mc:fsac_thread_enabled=true (defaults to true, so does not need to be set to enable first server access)</p> <p>mc:fsac_thread_servers=server on which the config database resides (defaults to NO server at all = MUST be set to a servername, or <ini:mailserver></p> <p>mc:fsac_thread_enabled=true (defaults to true as of 2.5.0)</p> <p>and</p> <p>mc:fsac_thread_servers=name_of_server upon which, as soon as accessed, any "on first server access" actions are supposed to be execu</p> <p>(accessed means a database is being opened not just "file-database-open-servername-enter" - the server defaults to "no server specified --> even if e</p> <p>NOTE that the on first server access thread will wait 1 minute to actually execute any "on first server access actions" after a database on the specified</p> <p>- requires DLL update to at least 2.0.33</p>
<p>U</p> <p>p</p> <p>d</p> <p>a</p> <p>t</p> <p>e</p> <p>D</p> <p>o</p> <p>c</p> <p>u</p> <p>m</p> <p>e</p> <p>n</p> <p>t</p> <p>a</p> <p>t</p> <p>i</p> <p>o</p> <p>n</p> <p>f</p> <p>r</p> <p>C</p> <p>o</p> <p>n</p> <p>f</p> <p>i</p> <p>g</p> <p>u</p> <p>r</p> <p>i</p> <p>n</p> <p>g</p> <p>t</p> <p>S</p> <p>m</p> <p>a</p> <p>r</p> <p>t</p> <p>F</p> <p>i</p> <p>l</p> <p>e</p> <p>D</p> <p>o</p> <p>w</p> <p>n</p> <p>l</p> <p>o</p> <p>a</p> <p>d</p> <p>e</p>	<p>SFD can be configured via the following two mc-variables - default values as of MC 2.5.0 are mc:dlim_disabled=0 and mc:dlim_initialdelay=5</p> <p>mc:dlim_disabled=0</p> <p>(mc:dlim_disabled=1 would disable smart file downloads)</p> <p>mc:dlim_initialdelay=number of minutes the Smart File Download component shall wait before it runs after client startup</p> <p>(by default, the initial delay is set to 5 minutes - for testing purposes you may wish to set it to 0 or 1 minute)</p> <p>- requires DLL update to at least 2.0.33</p>
<p>N</p> <p>EW</p>	<p>A new option has been added to DLL update actions, which allows to prevent DLL downgrades</p>

N EW	DLL update actions now also support conditions (also for previous DLL versions)
N EW	Added new action examples for the new "On first server access runtime" feature (see DLL changes)
N EW	Added two new action examples to manage names.nsf and bookmark.nsf on the replicator page for IBM roaming users (not needed for MC roaming u
E N H A N C E M E N T	The view "All Actions\by RT, Prio, Title" has been updated to display all currently available runtimes (before login, after login, on first server access (NI
C H A N G E	The desktop icon action has been changed to prompt upon save if the icon bitmap data could not be resolved for automatic deployment of a desktop ic
C H A N G E	Changed the existing "upload into analyze database" examples to run "on first server access" (see DLL changes)
Analyze Data	
F I X / C H A N G E	A field \$NoPurge="" has been added to all configuration (cleanup and export ID file) and XSLT documents, plus language setting documents to prevent NOTE that you must manually resave the cleanup and export id file document once for the field to populate in the respective documents.
N EW	A new view OS / HW\by Resources has been added to the analyze database allowing to easily identify users with too few disk space / memory and sir
N EW	<p>Added a new view "Smart File Downloads\by Progress" to monitor download progress of smart file download actions:</p> <p>Smart File Download (SFD) actions require marvelclient_upgrade to be licensed in the license document. For further <i>licensing</i> details regarding Smart File Download, see Release Notes 2011-04-24. <i>Configuration</i> details are as follows: SFD actions need to be created in the configuration database and configured via the following two mc-variables: mc:dlm_disabled=0 (by default, the smart file download is disabled, even if it is covered by the license - this is because SFD runs in a separate thread after client startup) mc:dlm_initialdelay=number of minutes the Smart File Download component shall wait before it runs after client startup (by default, the initial delay is set to 5 minutes - for testing purposes you may wish to set it to 0 or 1 minute)</p> <p>- requires DLL update to at least 2.0.33</p>

ENHANCEMENT	<p>The view "Lotus Notes\Runtime Analysis" has been enhanced to display the duration of all (known via uploaded config.xml) available runtypes, plus to Before login - Init and Before Login) - this does now allow for monitoring of almost complete client startup times (there is a remaining duration IBM itse / offices / ...)</p> <p>The following image shows an example startup time analysis:</p> <p>- requires DLL update to at least 2.0.32</p>
CHANGE	The XSLT documents have been changed (see above \$NoPurge field); above all the config.xml attachment/content-wise to allow for monitoring Smart
.DLL Updates (V	
FIX (2.5.0)	Fixed a problem where realtime relocation could result in a client crash in Notes 8.5.2
FIX (2.5.0)	Fixed a problem where relocation did not work in cases were MarvelClient considered a database to be still opened even though it was not.
FIX (2.0.32)	Fixed a bug in desktop icon action: on unstacked desktops "move must have" did not work properly. it did the same thing as "move all".
NEW (2.5.0)	The name for multiframe zip archives can now be customized in the MarvelZip Configuration action (defaults to "Archive.zip")
NEW (2.5.0)	<p>Added two references <notes:journal_fs_path> and <notes:names_fs_path>. This allows to reference the fully resolved filepath of journal.nsf and nam the actual addressbook pointed to by the filelink).</p> <p>Customers are advised to keep using <notes:names_path> (all examples and default configurations in the configuration database have remained unct customers are advised to contact their supporting panagenda partner or panagenda support.</p>
NEW (2.5.0)	Added two new references <notes:journal_fs_directory> and <notes:names_fs_directory> which supply the directory for journal and names.nsf in case

N E W (2 .5. 0)	<p>Two new references <notes:journal_path> and <notes:journal_replicaid> have been added to detect an existing journal.</p> <p>The corresponding values are resolved in the following order:</p> <ol style="list-style-type: none"> 1. If <ini:RoamingJournal> exists, the result values will be resolved from RoamingJournal in notes.ini 2. If 1. was not fulfilled and notebook.nsf exists, the values will be resolved from notebook.nsf 3. If 1. + 2. were not fulfilled and journal.nsf exists, the values will be resolved from journal.nsf <p>If 1. + 2. + 3. are not fulfilled, both values are empty.</p>
N E W (2 .5. 0)	<p>A new config option has been added for roaming between single user clients: Setting <mc:fs_roaming_delete_redundant_idfiles> to "true", "yes" or "1" if a file based roaming action runs, which contains an archive named ids.zip, which again contains at least one id file, then all other id files - except for Please make sure that you set this variable prior to the execution of the actual roaming action (=an ini & Variables action running permanently [before</p>
N E W (2 .5. 0)	<p>Improved performance for "ClearCachedStacks" (search any log.xml for an example)</p>
N E W (2 .0. 2 5)	<p>A new option has been added to DLL update actions, which allows to prevent DLL downgrades</p>
FI X (2 .0. 2 8)	<p>In previous releases, lookup up location details (%LOOKUP_*) did not obey mc:db_dbopentimeout</p> <p>In general, customers are advised to set mc:db_dbopentimeout=10000 and mc:db_checktimedout=true to make sure that clients to do need (the OS default of) 90 seconds to time out when trying to open e.g. the configuration database. Customers are also advised to NOT set db_dbopentimeout below 8000 (ms) as a clusterfailover may well take 7 seconds depending on your environr</p> <p>The above mc:db_* settings together with the FIX in 2.0.28 ensure that end users do not encounter client startup delays of several minutes i</p> <p><i>(REMINDER from release notes for DLL 1.6.19: New option to specify a serverside database access timeout using mc:db_dbopentimeout=[number of milliseconds], e.g. mc:db_dbopentimeout=8000 will cancel opening a database if this takes more than 8 seconds (default = no timeout) In addition, mc:db_checktimedout allows to specify whether a previously timed out database access should be attempted again; mc:db_checktimedout is a boolean and thus accepts the value "yes", "1", "true" (or "no", "0", "false" = default = retry every database again) e.g. mc:db_checktimedout=true will not try to open a previously timed out database again during a specific run (e.g. after login) - NOTE: the list of timedout databases is cleared immediately after login and at the beginning of a client shutdown as it usually makes sense to retry a database during shutdown that timed out after login. NOTE: mc:db_checktimedout operates based on a specific database "URL" (=servername together with entire database path), NOT on a per server t</i></p>
N E W / E N H A N C E M E N T (2 .0. 3 1)	<p>(Not just backup) actions can now be further restricted with the following conditions:</p> <p>mc:last_fs_roaming_no_instance_found=1 and mc:last_fs_roaming_target_empty=1</p> <p>Together with mc:last_fs_roaming_failed introduced in 2.0.17, this allows to create conditions for the following cases: mc:last_fs_roaming_failed: Equals "1" if MarvelClient could not connect to the root drive of the roaming source (=if the network drive was not available mc:last_fs_roaming_no_instance_found: Equals "1" if MarvelClient could not find any newer instance/backup to roam onto the client being started (=n mc:last_fs_roaming_target_empty: Equals "1" if MarvelClient could open the drive and directory of the roaming source, but the directory was empty.</p>

NEW (2032)	Added logging of various durations during client startup (e.g. time between before login - Init and before login, where we are "waiting for IBM"); even though this does not include the time it needs to start the client from after "after login" until the UI (user interface) shows up, it allows to easily pin
NEW (2033)	Added logging for smart file download actions to config.xml
NEW (2033)	Added a new feature to run actions "On first server access"
.dylib Updates (1)	
FIX (2029)	On previous Mac releases, the ip-addresses saved in config.xml where not correct - this is now fixed.
FIX (2029)	Location and connection actions now support all %LOOKUP_* placeholders
FIX (2029)	User mailfile details are now properly saved to config.xml (missing in previous Mac releases)
.so Updates (1)	
FIX (2029)	Location and connection actions now support all %LOOKUP_* placeholders
FIX (2029)	User mailfile details are now properly saved to config.xml (missing in previous Linux releases)