MC 12.0 - Database Release Notes

These are the detailed release notes for the parts of MarvelClient that live in databases, such as the **Config DB** and the **Analyze DB**.

> ⓘ For a high-level overview of all changes, please take a look the main document for this release: **MarvelClient 12.0**

Releases in reverse chronological order:

- Release 2023-11-06 - 20231106123200
- Release 2023-09-26 - 20230926093300
- Release 2023-08-18 - 20230818155000
- Release 2023-06-26 - 20230626130900
- Release 2023-05-16 - 20230516124500
- Release 2023-04-20 - 20230420132500
- Release 2023-03-07 - 20230307172500
- Release 2023-01-11 - 20230111200500
- Release 2022-12-13 - 20221213143300
- Release 2022-11-07 - 20221107165700
- Release 2022-09-30 - 20220930091500
- Release 2022-07-01 - 20220701145300
- Release 2022-05-19 - 20220519164700
- Release 2022-03-22 - 20220322145500
- Release 2021-11-11 - 20211111123000
- Release 2021-09-16 - 20210916084300
- Release 2021-08-16 - 20210816160000
- Release 2021-08-06 - 20210806114200
- Release 2021-07-12 - 20210708163400
- Release 2021-06-29 - 20210629112700
- Release 2021-05-25 - 20210525132900

Release 2023-11-06 - 20231106123200

Config DB - General	
ENHANCEMENT	When the "Deploy Code to Install MarvelClient" feature is used, it now changes the Title of the new template to match the template name
CHANGE	The SecurityInsider Sync agent now logs action update messages as Info instead of Warning in the logs
CHANGE	The limited replica roaming action example now defaults (properly) to a runtype of Before Login Init instead of Before Login

Config DB - MC Upgrade UI	
ENHANCEMENT / CHANGE	The default list of Old Notes Data excludes now also includes the following two entries when creating new upgrade configurations: network:workspace\logs* network:(IBM|HCL)_TECHNICAL_SUPPORT* Note that this does not affect existing upgrade configurations.
FIX	Fixed a visual issue where SMTP Ports > 999 were displayed with a thousands separator on the tracking tab
FIX	Fixed an issue in Upgrade Configurations where the Progress Tracking Heading on the Tracking tab did no always show /hide as expected
FIX	Fixed an issue in Upgrade Configurations where the "New Notes Data Directory" field for 64-bit Admin/Designer client upgrades defaulted to "%ProgramFiles(x86)%\HCL\Notes\Data" instead of "%ProgramFiles%\HCL\Notes\Data"
FIX	Fixed an issue where some Upgrade Configurations could not be published due to an "Unable to best resolve or validate" error for the MC_DB_NotResolvable and/or MC_DB fields on the setup tab

Analyze DB	
ENHANCEMENT	The Mail Template Replace Design feature can now accept multiple target configurations for the same template. There is also a new option: "Restrict to major Notes version"
FIX	If the Cleanup agent encounters the error "Error in CLEANUP_NOTESRENAMES in line 37: Object variable not set - Function aborted" it now continues processing the next document instead of stopping

Release 2023-09-26 - 20230926093300

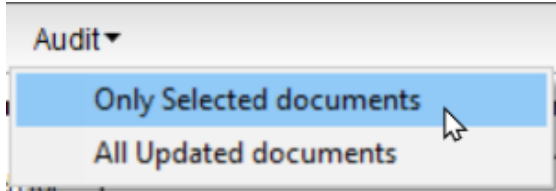| **Config DB - General**	
ENHANCEMENT	The Application/Mailfile action now has an option for "Background" when creating a local replica. This will cause the replica to be created using the standard Replicator background thread after the Notes client starts. Requires MarvelClient 14 or higher, or Nomad Web 1.0.9 or higher.
ENHANCEMENT	Auto-created Essentials Mailbased Installer (generated when a Config DB is created using PMCInstaller) now deploys the 64-bit MarvelClient DLL as pmc64_data.dll by default instead of pmc_data.dll
CHANGE	Changed the "Roam latest backup" example actions so they default to a runtime of Before Login instead of BL Init. Also changed the title of the "Set mc:DXL Export/Import Roaming" example action to suggest that the DXLRawImport agent should use a runtime of "After Write".
CHANGE	The Roaming Cleanup action now supports a runtype of Background Init.
CHANGE	The "ROAMING: Exclude ini-Entries Directory, SharedDataDirectory and more" example INI Filter action now also excludes the following entries: EXTMGR_ADDINS, AddinMenus, and NSF_HOOKS
FIX	Fixed a problem in the Bookmark action form that could cause a new or resaved action to fail with the error "could not find mapping for '' in <partialmatch>". This was caused by a change in the 20230323 template.
FIX	Several changes to allow various pieces of code to work properly with the 64-bit 12.0.2 FP2 client, including: • Online Update using the LotusScript connect option • Reading the clipboard (Application/Mailfile action, Profile document action) • Getting the list of servers (Agent action, Recent Apps action) • Reading the low-resolution database icon (Application/Mailfile action) Note that these things worked properly on previous 64-bit clients, but changes were required with 12.0.2 FP2. These will also be needed for Notes 14.
FIX	Release notes URL generation code has been updated to properly detect templates tagged as Notes 14.
FIX	Fixed a problem where Online Update using a Java connection option and proxy server settings would fail on Notes 14.
FIX	Fixed a problem where the GetLicenseInfo.xml file generated by Online Update is sometimes empty after a failed connection, and cannot be deleted or modified until the Notes client restarts.
FIX	Fixed a problem on the Application/Mailfile action form where the validation display shows the wrong text if 'Variable' is selected as a Local Replica option and the 'Variable' field is empty.

Config DB - MC Upgrade UI	
ENHANCEMENT	Indexing of installers for MarvelClient Upgrade now also detects bitness of the selected file itself. This can come in handy to detect the bitness of executables like notes.exe or similar (after which the indexer document should be deleted 😉)
FIX	The default German text displayed in the MessageBox at the end of a failed upgrade lacks a character. This is now fixed.
FIX	The text ini:Userinterface on the Language tab was linked to a no longer available IBM page. The link has now been removed.
FIX	Fixed an issue where the AUT manifest version was not displayed in all cases where possible.

Analyze DB	
ENHANCEMENT	Added support for two new roles to optionally hide the Notes.ini and Notes Preferences tabs on User Upload documents. This can improve the performance of opening upload documents on very large Analyze databases. The roles are [HideEmbNotesIni] and [HideEmbNotesPrf]

Release 2023-08-18 - 20230818155000

Config DB - General	
FIX	Fixed a problem where the mail-based installer would only check the first binary in the list, if multiple binaries (e.g. Windows, Windows64, Mac) were attached to the mail-based install document

Config DB - MC Upgrade UI	
ENHANCEMENT	MCUpgrade Config Wizard now has an option to deploy a custom logo for messageboxes
ENHANCEMENT	When changing the full client package and/or addon instructions and/or CITRIX=1 in the MarvelClient Upgrade Configuration wizard, the admin is now prompted whether (Un)Install Instructions should be updated accordingly
ENHANCEMENT	When selecting which MC DLL to deploy, the MarvelClient Upgrade Configuration Wizard requires an MC.DLL >= 14 if the full client package is >= 14
ENHANCEMENT	In the MarvelClient Upgrade Configuration Wizard, previous versions allowed you to disable "Install Service" in combination with "Use Service exclusively" - which makes no sense, since the service cannot be used unless it's already installed. Now, "Install service" can no longer be disabled if "use service exclusively" is selected.
ENHANCEMENT	To avoid potential client crashes, the Compact Templates option can no longer be enabled when selecting a full client package >= 12.0.2
FIX	Fixed a class conflict error for the "Image" class in the Windows 64-bit client
FIX	Fixed an issue where after clicking on "Launch KeyfileEditor" and closing the KeyfileEditor, Notes would run into a "subscript out of range" error in the latest template.

Analyze DB	
ENHANCEMENT	New option in the Users/Upload views: Audit All Updated documents. This will automatically run the Audit agent on the server against all new and updated upload documents, so you don't have to wait for the scheduled agent to run.
ENHANCEMENT	The DXLRAWImport and DXLRAWExport agents used for roaming have been enhanced to also roam the Display As List /Display As Workspace bookmark option for Basic clients. If you want to use this new feature for Basic client roaming, you will need to do the following after updating to this version of the Analyze template: • Open the actions in the Config DB that run the DXLImport/Export agents, put them in Edit mode, and click the "Check For Update" button in the Source Agent section of the form • Make sure the DXLImport action has a runtype of "After Write"; this is necessary to prevent the bookmarks database from overwriting our changes

Release 2023-06-26 - 20230626130900

Config DB - General	
ENHANCEMENT	Mailbased Installer now deploys the 64-bit MarvelClient DLL as mc64.dll/pmc64_data.dll by default instead of mc.dll /pmc_data.dll
FIX	Fixed a problem where Essentials binaries could not be deployed using a Mailbased Installer, this was a regression starting in template version 20221213
FIX	Fixed some translations on the Eclipse Sametime Auto-Status action form; also changed the "Meetings Scheduled in my Calendar" entry on this form to allow custom messages

Config DB - MC Upgrade UI	
ENHANCEMENT	MCUpgrade now deploys the 64-bit MarvelClient DLL as (p)mc64.dll instead of (p)mc.dll
FIX	Fixed a problem where importing installers or publishing packages would fail if Online Update had been performed using a 32-bit client, but the import/publish action was performed with a 64-bit client (or vice versa)

Analyze DB	
ENHANCEMENT	Automailer now allows the use of non-email Notes accounts. Previously it excluded any person documents where MailSystem was different from "1" (Notes), or MailServer or MailFile were empty. These can now be optionally included. If this option is enabled (default is disabled), and Automailer is processed on each mail server, a new field is displayed to choose on which mail server to include the non-email accounts.
FIX	Fixed a problem where the HW/SW Inventory agent would be missing data if Online Update had been performed using a 32-bit client, but the agent was run on a 64-bit client (or vice versa)

Release 2023-05-16 - 20230516124500

Config DB - General	
ENHANCEMENT	Changed the text on the Mailbased Installer form to say "Windows/Notes 64 Bit" instead of "Windows 64 Bit" to better indicate that this refers to a 64-bit **Notes client**, not a 64-bit version of Windows
FIX	Removed a "Lotus" reference on the Location action form
FIX	The Bookmark example actions were missing the Target Type (this was a regression introduced in template version 20230420)
FIX	Changed the runtype for the example action "Roam latest backup from mc:network_directory (if newer) limited replica" to BL Init
FIX	Removed the example action "Activate Roaming enhancements in MC namespace". The "Set mc:DXL Export/Import Roaming..." example action should be used instead.

Config DB - MC Upgrade UI	
ENHANCEMENT	MCUpgrade now also applies notes.ini and data exclude filters if old and new folders are the same
FIX	Removed some "Lotus" references in the Mailbased Installer code

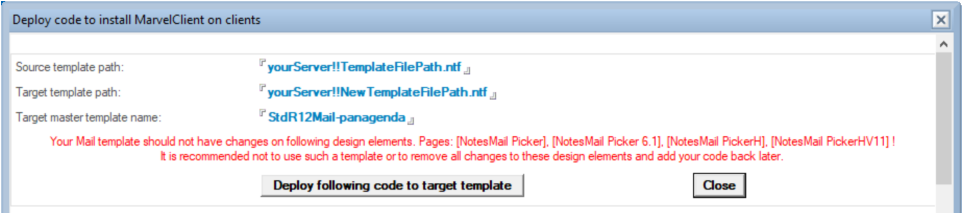| Analyze DB	
NEW	MarvelClient now offers two ways to automate replacing the design of a user's mail database if the mail template version is not up to date: 1. With **MarvelClient Upgrade** you can initiate replacing the design of the user's mail database immediately after a Notes client is upgraded, using the "success" email generated by the upgrade process. 2. Based on user data (Notes version and current mail template name) in the **MarvelClient Analyze database**, you can replace the design of a user's mail database using a **scheduled agent**. This can be useful for updating a user's mail template to the latest version after the Notes client is upgraded to a new client version. It can also be used to deploy a customized mail template to specific users.
ENHANCEMENT	The "Audit Selected" button now also runs Cleanup and/or Post-Processing agents, if they are active in the Configuration document (previously these agents were only run by the scheduled "Audit" agent, but not by "Audit Selected")
ENHANCEMENT	The Cleanup action now also cleans up Nomad Roaming documents, based on the "Number of days after which a document is to be considered outdated" setting in the Configuration document
ENHANCEMENT	The Cleanup action now also cleans up Nomad Upload documents, based on the "Limit the number of profiles" setting in the Configuration document
ENHANCEMENT	The Addon HW/SW Inventory agent now only creates new Inventory Overflow documents if needed, and deletes outdated inventory documents when it's done

ENHANCEMENT	The Users by State & Upload Key view now has a "(64)" suffix in the MarvelClient version column if the client is using a 64-bit version of MarvelClient The Notes by Notes & MC Release view now has a "(64bit)" suffix in the subcategory groupings of the following categories if the client is using a 64-bit version of MarvelClient: - MarvelClient - Notes Releases
FIX	Added the "Mail - Refresh Inbox Automatically" setting to the Preferences tab in the Upload document

Release 2023-04-20 - 20230420132500

Config DB - General	
ENHANCEMENT	Added a new example condition for Windows 64-bit Notes clients
FIX	Fixed a problem where unmerging a category using the "Categorize (Examples)" button would return the error "AddToArray: Type Mismatch"
FIX	Fixed the "Auto-Status Change" translation string for the Eclipse Sametime action

Analyze DB	
ENHANCEMENT	The "X. Addon PERNAB: Collect LocalNamesDetails" agent now also collects mail template details as <notes: userdetails_mailtemplate>, this makes the agent "(Get MailDB Template Name)" obsolete
ENHANCEMENT	Improved the categorization for Nomad clients in the "Notes - by Notes and MC Release" view
FIX	Fixed a problem where the text in the error dialog from a failed "Open HW/SW Inventory" attempt can be truncated if the upload key is long
FIX	Audit logs will no longer report "Warning processing XML File names.xml.zip: empty file" for users who have Location documents with no Replicator Page information
FIX	Fixed a problem where XPages charts and detail documents would not be displayed if the Domino server common name contains dots

Release 2023-03-07 - 20230307172500

Config DB - General	
NEW	The "Generate PostOpen Script" dialog on the Mailbased Installer form (in the Administration – Installation view) now has a new option: Deploy code to a standard mail template This option displays a dialog that allows you to make a copy of an existing mail template, with the Mailbox PostOpen Script code already copied to the proper design elements in the new template. This will make it much easier to get started testing in your environment, if you choose to use this deployment method.
ENHANCEMENT	INI Management actions of type "XML", "JSON", and "Custom .ini file" can now be enabled for Nomad platforms
ENHANCEMENT	Updated the "Delete all entries in ECL" example action to also preserve the "Domino Template Development" ECL entry introduced in Notes 12
ENHANCEMENT	The mail-based install template code now stops searching for binaries when an appropriate one is found, instead of continuing to check all binaries for all platforms

ENHANCEMENT	The Online Update License tab labels are now translated
ENHANCEMENT	Nomad Web is now a selectable platform for the following actions: File Operation, Cleanup, Write XML, and Process Additional actions.xml
CHANGE	Small change to the wording on the dialog box that appears when the Config DB automatically checks for updates
CHANGE	The MCUpgrade Free option on the Online Update form has been removed, and the text asking to enter a license key for MCUpgrade has been modified slightly
FIX	Fixed a problem where the "Browser" platform option appeared to be selected in Read mode for INI Management actions of type "MS .ini file"
FIX	Added a missing translation for the "What has been updated" tab on the OnlineUpdate document
FIX	Certain types of documents (e.g. MarvelClient Upgrade configurations, Bookmark actions, Desktop Icon actions, etc.) will prompt you to delete related documents if you delete them. This prompt will no longer be triggered if the document is a Replication or Save Conflict.
FIX	Fixed a problem with OnlineUpdate where the version number of the latest Win64 DLL could overwrite the version number of the latest Win32 DLL when checking for updates
FIX	If there is a license update, OnlineUpdate now disables all old active licenses, not just the most current one
FIX	If you choose the Online update option "Update This Database (Selective)" or "Auto-Prepare Update", the Download Update tab was missing the Eclipse Plugins, and the DLLs after 12.0.56 were sorted at the bottom instead of the top

Config DB - MC Upgrade UI	
FIX	Fixed a problem where publishing would fail silently if multiple installers have the same name (e.g., MUI.msi.w32.nl1.exe for 12.0.1 and 12.0.2)
FIX	Fixed a problem where whitelisted items might be written to MCUpgrade.ini incorrectly, causing whitelisting to fail with "MYGETINSTALLDOC: Error in line 35: Type mismatch 13"
FIX	Fixed a problem where clicking "Save Service Install Files" could result in an error message "Path not found"

Analyze DB	
ENHANCEMENT	Better detection of Nomad Web version numbers in Nomad specific views
ENHANCEMENT	Browser type and version is now displayed on the OS/HW tab of upload documents for Nomad Web 1.0.6 and higher
ENHANCEMENT	Added "Mail - Refresh Inbox Automatically" and "Mail Notification - Show in Systray" to Notes.ini Preferences view categories
ENHANCEMENT	Made it easier to clear out a custom lookup key from the dialog that is displayed by the "Open HW/SW Inventory" button
FIX	Fixed a problem where the "Open HW/SW Inventory" button would incorrectly display a "This document must be audited" error message if you change the lookup key
FIX	The MCUpgrade Postprocessing agent now properly recognizes ODS 55

Release 2023-01-11 - 20230111200500

Analyze DB	
ENHANCEMENT	"View Desktop(s) in web browser" now uses high-color icons when available
FIX	Fixed a problem where "View Desktop(s) in web browser" did not work for some desktops, and returned an error "Length of Base64 encoded input string is not a multiple of 4."
FIX	Fixed a problem where the revision dates in the files table of an Upload document could be incorrect for some documents at a specific revision level. Now if this happens, the actual revision date for the file is shown in the table instead of the "Updated" text.

Release 2022-12-13 - 20221213143300

Config DB - General	
ENHANCEMENT	Added 256 AES encryption as an option for Application and Cleanup actions (new option in Notes 12.0.2 client, requires MC binary 12.0.58)
ENHANCEMENT	Added "dark" and "image" as options for Workspace Background action (new options in Notes 12.0.2 client, requires MC binary 12.0.58)
ENHANCEMENT	Added tile transparency, bold font, and navigator width as options for Desktop/Workspace action (new options in Notes 12.0.2 client)
ENHANCEMENT	Added a "Windows/64" option for Mailbased Install/Mailbox PostopenScript
CHANGE	Nomad Roaming action now has Background Initial runtype selected by default
FIX	Fixed a problem where the Nomad Roaming action did not have the proper conditions to prevent it from running on rich clients (existing actions must be resaved to get the fix)
FIX	The "X. Advanced – Create a stub actions.xml" agent now adjusts timestamps of exported actions, to ensure that the latest actions are always downloaded

Config DB - MC Upgrade UI	
ENHANCEMENT	New options and fixes for the Windows 64-bit client: • MCUpgrade now includes nice64 • Fixed problems publishing an upgrade or importing installers when using a 64-bit client • Cinema Slide conversion to HTML now works with 64-bit clients
FIX	Fixed option text for "Static Lower Progress Bar Text"

Analyze DB	
NEW	Added new views for Nomad Roaming backups, by Nomad Client, and by Nomad Device. Nomad Web clients 1.0.6 and higher will also now report the browser and OS version in the Analyze DB.
ENHANCEMENT	Better error handling for HW Inventory agent
FIX	Fixed a problem where the Analyze DB would sometimes open to the Nomad Roaming view instead of the Uploads view

Release 2022-11-07 - 20221107165700

Config DB - General	
FIX	The "Search for Replica" button on the Run Agent action was not working for Win64 clients

Config DB - MC Upgrade UI	
FIX	The MCUpgrade Config Wizard was not publishing splash images

Analyze DB	
FIX	The Cleanup agent option to remove old attachments was not working, old attachments were not removed

Release 2022-09-30 - 20220930091500

Config DB - General

NEW	Beginning with HCL Nomad Web 1.0.5, MarvelClient has Roaming functionality available for the Nomad Web platform, for customers with a valid Roaming license. This allows you to backup and restore your Recent Apps and workspace settings across some or all of your Nomad clients. Please see the Nomad Roaming Overview and related documents in the knowledgebase for more information.
NEW	New Nomad Defaults action, to easily set some Nomad-specific MarvelClient settings
ENHANCEMENT	New example actions for: Nomad Roaming INI Filters, Notes 11 and 12 bookmark icons, run MCShutdown.exe
FIX	The Smart Downloader action will now automatically create chunks for files larger than 2GB.
FIX	Adjusted the condition on the Win64 DLL document to properly detect the OS bitness
FIX	INI Filter regular expressions were not escaping ^ or $ properly
FIX	Fixed a regression error where no runtypes could be selected on a new System Replicator Page action
FIX	Fixed a regression error where clicking the link on the "Type" column of action views would cause an "Entry not found in index" error instead of opening the By Type view

Config DB - MC Upgrade UI	
ENHANCEMENT	The MCUpgrade Wizard now supports the new HCL Notes cascaded installer
ENHANCEMENT	Add support for Win64 fixpack/hotfix installers
ENHANCEMENT	Add support for Win64 (p)mc.dll
ENHANCEMENT	Performance improvements and changes when previewing MCUpgrade.ini
FIX	The MCUpgrade Wizard will now automatically create chunks for files larger than 2GB.
FIX	Fixed a problem in the MC_Install script that could cause the script to fail if the user accessed the database using View - GoTo

Analyze DB	
NEW	New example agent (Get MailDB Template Name) to compute the user's mail template name and store it in <notes: userdetails_mailtemplate>
ENHANCEMENT	Added an option on the Cleanup form to remove attachments older than a certain age from upload documents
ENHANCEMENT	Added support for Nomad Roaming uploads. These documents are not currently visible in the normal upload views; a way to view and manage the Nomad Roaming documents will be added to a future template.

Release 2022-07-01 - 20220701145300

Config DB - General	
NEW	Beginning with HCL Nomad Web 1.0.4, MarvelClient has Restrict functionality available for the Nomad Web platform, for customers with a valid Realtime license. This allows you to prevent Nomad Web users from accessing, replicating, or deleting specific databases either locally or on a server. The most common use-case is if you have databases on your server that you don't want Nomad Web users to open (maybe because they use Java or clientside XPages), you can easily prevent them from being used by Nomad Web users with a simple MarvelClient action.
NEW	Beginning with HCL Nomad Web 1.0.4, select MarvelClient actions can run in the background after the client has started. This can be used to optimize the startup time for Nomad Web, potentially reducing the amount of time between when a user logs in and when their workspace is ready to use.
CHANGE	Added a warning to the Application/Mailfile action that "remaining free space" is not supported on Nomad Web
CHANGE	Removed the Bookmark option for the Recent Apps action

CHANGE	Make sure roaming actions cannot accidentally be enabled for Nomad Web (they won't currently work even if they were enabled)
CHANGE	Added a link to a panagenda Knowledgebase article on the Web Migration action document, for more information on how to properly set up that action
FIX	Fixed a problem where the action condition regex could be incorrect if only some platforms were selected, and the selection included Nomad Web
FIX	Fixed a problem where the action condition regex could become incorrect if only Nomad platforms were selected, and you used the En/Disable menu in the actions view to toggle the enabled or disabled state of the action
FIX	Fixed a problem where the Recent Apps options were not available on the Application/Mailfile action if Nomad Web was the only platform selected
FIX	Fixed a problem where a local mail database could incorrectly display that it was open on the server the first time the PostOpen install script ran
FIX	The "Modify Device & Platform" agent now includes Nomad Web as a selectable option
FIX	Fixed a problem where the Smart File Downloader action did not display properly when Japanese language was selected

Config DB - MC Upgrade UI	
FIX	Fixed a problem where the MCUpgrade.zip file creation could fail or produce an incomplete file

Analyze DB	
FIX	Fixed a problem where some cleanup options were missing from the configuration document if a lookup view was empty
FIX	Fixed a problem where the revision.xml file was incorrectly removed when the Cleanup agent ran against outdated documents

Release 2022-05-19 - 20220519164700

Config DB - General	
NEW	The Nomad Application Restrictions action has a new "Clipboard" app restriction that prevents users from copying text to the clipboard inside of Nomad and pasting it to applications outside of Nomad. Requires HCL Nomad Web 1.0.4, iOS 1.0.20, or Android 1.0.30 or higher.
NEW	You can now set the workspace background color in Notes 12 and higher clients using the Desktop/Workspace Configuration action.
ENHANCEMENT	Added a new example action for roaming unread marks.
FIX	Fixed a problem where GeoLocation conditions were not properly added to the actions.xml.
FIX	Fixed a problem where Nomad Application Restrictions might be ignored on iOS or Android platforms.
FIX	Fixed a problem where a low resolution database icon was not stored in the Application action if a high resolution icon did not exist.

Config DB - MC Upgrade UI	
ENHANCEMENT	Internal MCUpgrade script enhancement to use new license upgrade documents.
ENHANCEMENT	MCUpgrade script now presents a warning message if you attempt to issue a MarvelClient release that doesn't support the Notes client version you are using (e.g. you issue (p)mc.dll 10 to a Notes 12 client).
FIX	Fixed a problem where the mail server specified in the "When" field of the MCUpgrade Wizard was not transferred to the resulting actions created by the wizard.
FIX	Fixed a problem where ExtMgr_Addins might not be updated properly by the MarvelClient install scripts if a Notes 12 client is automatically provisioned with pmc.dll using the Domino Directory profile option to auto-install MarvelClient.

Analyze DB	

ENHANCEMENT	Users that have been assigned the ACL role [DoNotOpenThisDB] will see the message "You are not allowed to access this database" when they attempt to open the Analyze DB in the Notes client UI, and the database will automatically close.

Release 2022-03-22 - 20220322145500

Config DB - General	
NEW	OnlineUpdate now supports distribution of a Win64 MarvelClient DLL.
ENHANCEMENT	Added an example condition to detect Windows 11.
CHANGE	The "Advanced" section on the Nomad Web Migration Roaming action has been removed.
FIX	Fixed a problem where the "Update Language Tables" button would fail with an error after the database was updated to version 20211111.
FIX	Fixed a problem where the OnlineUpdate Config document might not be saved after OnlineUpdate for Multi-tenant database configurations.

Config DB - MC Upgrade UI	
ENHANCEMENT	On the Upgrade Wizard Preparation tab, you can now enter the names of services and processes to stop/kill.
FIX	Fixed a problem where an error would occur if MCUpgrade was launched via the MCUpgradeService, and the public key had not been deployed yet.
FIX	Fixed some issues where MCUpgrade Cinema Slideshow would not work properly with older versions of IE.

Analyze DB	
ENHANCEMENT	Made formulas in the web migration lookup view more efficient.
ENHANCEMENT	The "Count number of unique monitored users" button now shows how many user documents have been updated in the past 90 days, to avoid overcounting users who are no longer active.
CHANGE	Soft deleted documents are now excluded from several of the "Users" views where they were previously visible.
CHANGE	Enhanced roaming DXLExport/Import now restricts the number of URL documents that are roamed to bookmark.nsf.
CHANGE / FIX	Enhanced roaming DXLExport/Import now includes additional "HomePages and links" documents to allow custom homepages to roam properly and avoid an "Unable to load frame's content" error at startup.
CHANGE / FIX	The Cleanup action now tries to keep at least one desktop backup and one backup for each backup key, if they are within the "outdated" time frame. Previously the cleanup was based only on username and backup date.
CHANGE / FIX	Changed a few translated messages in the Cleanup agent.
FIX	Fixed a rare condition that could cause the Cleanup agent to display a "Field is too large (32K) or View's column & selection formulas are too large" error.

Release 2021-11-11 - 20211111123000

Config DB - General	
NEW	Nomad Web Migration action. This action can be used to enable a one-time desktop migration on a first-time setup of Nomad Web. Requires HCL Nomad Web 1.0.2 or higher (available in December 2021).
ENHANCEMENT	New example ini action for roaming DXLExport agent
ENHANCEMENT	Analyze DB path now defaults to <ini:MC_UploadDB=panagenda\mc_analyze.nsf> on Backup, Roaming/Rollback, ID-File, and Application Usage actions (previously the default value was simply "panagenda\mc_analyze.nsf")

ENHANCEMENT	Online Update now works for 64-bit Notes clients
CHANGE / FIX	Platform selector on Generic action form now enabled for all platforms
CHANGE / FIX	Fixed some translation issues in JP and RU
CHANGE / FIX	Changed example action "Configure HW and SW Inventory" to exclude Nomad Web
FIX	Fixed OnlineUpdate Error (ESCAPEHANDLELOCATION) 184 in Line 66: Variant does not contain a container
FIX	SMTP Test in Upgrade wizard creates "could not get file handle" errors
FIX	Fix for OnlineUpdate in multi-tenant mode, when using the same license key for the tenant DB and the base Config DB
FIX	Fixed a problem where Online Update sometimes did not remove all deselected languages, if multiple languages were chosen to be removed after the update
FIX	Exclude MCUpgradeConfig docs from the SI sync view, to prevent MYRESOLVEGROUPSFROMSI errors in the SI sync logs

Analyze DB	
NEW	New view for notes.ini Preferences by User. This also allowed us to add a new Preferences tab to the user upload doc.
ENHANCEMENT	Added an "Open HW/SW Inventory" button to the OS/HW tab of the user upload doc, which will automatically search for and attempt to open the user's HW/SW Inventory doc.
CHANGE	Hide "Collect support data" link on welcome screen for Nomad Web and iOS users
CHANGE	Removed "this database uses Java applets" warning when opening the Analyze DB with Nomad Web
CHANGE / FIX	Enabled ports displayed for Location documents are now more accurate when "EnabledPorts" is not available
CHANGE / FIX	Updated the Inventory agent so it does not run on Nomad Web
CHANGE / FIX	Updated the Collect LocalNamesDetails agent to better support Nomad Web

Release 2021-09-16 - 20210916084300

Config DB - General	
NEW	**The Devices and Platform selector now supports the selection of Nomad Web.** The selector for Linux has been removed. Except for Location and Connection actions, any existing **non-restricted** action will automatically run on HCL Nomad Web, too. Any existing Location and Connection actions, and any existing actions that are restricted to any number of devices and/or platforms, must be specifically edited and enabled for Nomad Web. NOTE: You are advised to not enable existing Location and Connection actions for Nomad Web, but to create new, dedicated actions for Nomad Web. The simple reason is that Nomad Web requires the WSS port, whereas rich clients usually make use of the TCP(IP) port. See below for details regarding the new Nomad Location action.
NEW	A new "Nomad Location" action is now available. This should be used for management of the Location document on Nomad clients instead of the standard Location action. Note that existing Location actions will **not** run on the latest Nomad client builds unless you explicitly resave them and specify the Nomad clients they should run on. We strongly encourage you to use the new Nomad Location action instead of activating old Location actions for Nomad.
NEW/CHANGE	Nomad App Restrictions also run on Nomad Web. The Nomad Web platform only supports a specific subset of App Restrictions. The action form in the Config DB has icons that indicate which App Restrictions are available on the different Nomad platforms.
ENHANCEMENT	Added a high resolution database icon for Notes 12.0.1.
FIX	On the Location document, 'Type-ahead shows server contacts before local' now properly shows the setting in read mode.

FIX	Fixed an "image cannot be found" error that could happen on Workspace Background action forms.
FIX	Fixed a problem where high color icons could be missing in the DesktopIcon action.
FIX	Fixed a "CollectionScheduledAgents" error that could occur in specific versions of Online Update.
FIX	Added a few missing Dutch translation strings.

Release 2021-08-16 - 20210816160000

Config DB - General	
CHANGE / FIX	Online Update no longer checks for new versions automatically on Mac. This avoids problems where LotusScript-to-Java calls don't always work properly on MacOS.

Analyze DB	
CHANGE / FIX	MCUpgrade\by Summary Latest view was not sorted properly.

Release 2021-08-06 - 20210806114200

Config DB - General	
FIX	The desktop icon (application/mailfile) action now properly removes an associated bookmark action after selecting and later de-selecting a bookmark action template on the Bookmark tab.
FIX	The config file XSLT document did not include config_user_* values for GreenLight customers.
ENHANCEMENT	Customers can now also choose the WSS port in Connection actions.

Config DB - MC Upgrade UI	
FIX	Fixed an issue where excluding Admin&|Designer clients did not work due to a wrongly computed condition.
ENHANCEMENT	When downloading the MCUpgradeService files from the upgrade config wizard (Elevation tab with Service type upgrade selected), customers had to merge their public key file into the zip file manually. Downloading now prompts for a public key file and merges it into the resulting zip file automatically.

Release 2021-07-12 - 20210708163400

Config DB - General	
ENHANCEMENT	New languages available! Our templates now have translations for these additional languages: • Spanish • French • Italian • Dutch • Russian • Japanese After you run OnlineUpdate to upgrade to the latest template, you can close and reopen the database and run OnlineUpdate again to download one, some, or all of the new languages.
ENHANCEMENT	Location and Connection actions are now disabled for Nomad platforms by default. This also applies to existing actions. Administrators can manually override this, but be aware that some Location and Connection settings can be harmful to your Nomad clients.
CHANGE	Location action now has a WSS port option for Nomad/SafeLinx support, and the legacy TCP port has been removed (the TCPIP port is still available, of course).

Config DB - MC Upgrade UI	
FIX	Fixed a "filepath is invalid" error when an Upgrade config with whitelisting is published.

Analyze DB	
ENHANCEMENT	New languages available! Our templates now have translations for these additional languages: • Spanish • French • Italian • Dutch • Russian • Japanese You will need to run OnlineUpdate in your Config DB to select and download the new languages.
ENHANCEMENT	Upload docs for Nomad mobile devices now display the device type in the "Type of Computer" section of the OS/HW tab, if available (for example: iPad Pro 2nd gen (12.9")).

Release 2021-06-29 - 20210629112700

Config DB - General	
ENHANCEMENT	Added Android as an option for App Restrictions action (requires Nomad version 1.0.20 or higher on Android)
ENHANCEMENT	Better "What's New" release notes links for newly downloaded templates and binaries
ENHANCEMENT	The splash screen preview has been improved for faster and flicker-free display, now also allowing a preview of any custom splash screen
CHANGE	Success dialog after Online Update now lists the names (like MCUpgrade) of components that were downloaded, not the file names (like MCUpgrade_xxx.zip)
FIX	Location action wasn't setting some of the hidden fields to "onlynew" if you used the option to set all fields to "onlynew"
FIX	Fixed a potential "Type mismatch" error in Online Update if only MCUpgrade was being updated
FIX	Fixed a problem where the Japanese language translation option could become unchecked on the OnlineUpdate form when the form was refreshed

Config DB - MC Upgrade UI	
ENHANCEMENT	Improvements to the Upgrade Wizard: • Now allows for filepaths with spaces • Easier shortcut icon selection • Deploying MarvelClient Essentials will now consistently use pmc.dll as the deployed filename
ENHANCEMENT	Added CREATE_R12_Databases to coptim notes.ini
ENHANCEMENT	Updated nice.exe for Notes 12
ENHANCEMENT	Upgrade packages are now published to publish\packagename (instead of just the publish folder) to make sure older packages don't get overwritten, and to make sure packages are easier to identify
ENHANCEMENT	The MCUpgradeService executable and DLL files available for download from the config database have been updated with an EV certificate
FIX	Fixed the Spanish translation for ProgressSuffix
FIX	Fixed a problem where the whitelist parameters from the wizard might not be published properly if they weren't in quotes

Analyze DB

ENHANCEMENT / FIX	Workaround for a problem where the Audit agent would not fully process large batches of upload documents, but it would set all the upload documents to processed anyway. This is due to a Java bug specific to Domino 11.0.1FP3 and Domino 12. Some details are in this HCL technote: https://support.hcltechsw.com/csm?id=kb_article_view&sys_kb_id=a614d6191bf0f010a67e9759bc4bcbe6
ENHANCEMENT	If the Audit agent fails to process files correctly, the log now has better information about which files failed to process and why
CHANGE	The config.xsl file will now clear the notes_userdetails_mailfile_local_is_managed_replica field if it hasn't been set by the config.xml file in an upload document, for more accurate reporting on clients with and without managed mail replicas
FIX	Fixed the computed link to the Config database in the navigator, if the Analyze database is from a MarvelClient Essentials install
FIX	Fixed a potential "Error 165 External function not found" when using the "Run Cleanup/Automailer once now" button on the Cleanup document

Release 2021-05-25 - 20210525132900

Config DB - General	
ENHANCEMENT	New section in the Sametime Autostatus action form for meetings found in calendar. Requires Plugin version 12.0.0 or higher.
ENHANCEMENT / FIX	Better calculation of release notes links for new dlls, plugins, and templates downloaded by OnlineUpdate (some of the new MC 12 links were being calculated incorrectly).
FIX	Fixed a problem where setting all fields in a Location action to "only if new" still left a few fields set to "always". This didn't cause any reported problems, but it shouldn't have happened.

Config DB - MC Upgrade UI	
ENHANCEMENT	MCUpgrade now supports 64-bit installers.
ENHANCEMENT	Added a confirmation prompt if someone tries to delete an upgrade configuration.
FIX	Fixed a problem where MCUpgrade emails were sometimes delivered in a different order than expected.
FIX	Fixed a problem where the Upgrade Config Wizard could fail silently if there are multiple installers with the same name.

Analyze DB	
ENHANCEMENT / FIX	Better processing of documents in the Cleanup handler, to avoid problems where usernames have been modified by the Admin process. This includes: • new option to remove documents that have been renamed by the Admin process and now have obsolete upload keys • new option to remove documents that are not the latest version of Notes on that computer (i.e. if there are multiple upload documents for a single machine representing multiple Notes client versions, only keep the upload document for the highest version found) • fixed a problem where Cleanup didn't work properly for users who had multiple shortnames defined
FIX	Better logging for situations where the Audit agent fails to process an upload document because it has missing required fields.