MC 11.0 - Upgrade Release Notes

These are the detailed release notes for MC Upgrade.

> ⓘ For a high-level overview of all changes, please take a look the main document for this release: **MarvelClient 11.0**

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- Release 2021-04-20 - 11.0.78
- Release 2021-04-14 - 11.0.77
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Release 2021-04-26 - 11.0.80

MCUpgrade	
FIX	Fixed an issue where the single user client Directory= fix added in 11.0.79 didn't work (hrmpf)

Release 2021-04-23 - 11.0.79

MCUpgrade	
FIX	Fixed an issue where we collected jvmlauncher.log instead of jvmpatcher.log
FIX	Fixed an issue where the Expand All link at the top of summary emails never worked
FIX	Fixed an issue where the progress bar would not show the splash image, but only labels and progress bars when running as SYSTEM
FIX	Fixed an issue where rcplauncher.log, .prov2install.log and provisioning.log were not collected when running as SYSTEM
FIX	Fixed an issue where SMTP progress emails could contain two emails in one, if sent within the same second
FIX	Fixed an issue where failed mail sends using SMTPEmailer=blat were wrongly logged as successful
FIX	Fixed an issue introduced in 11.0.78 where for single user / admin&|designer clients, Directory was wrongly set to NotesProgramDirectoryNew (where notes.ini is) instead of NotesDataDirectoryNew
FIX / CHANGE	Fixed an issue where %localappdata% was resolved as C:\WINDOWS\system32\config\systemprofile when running MCUpgrade via System without console session
FIX / CHANGE	The Expand All and Collapse All links at the beginning of summary email will now only be displayed in browsers and MIME renderers which support JavaScript 1.6 or newer That also means, that they will no longer be visible in Notes clients, since neither of the MIME renderers support JS 1.6 or newer
FIX / CHANGE	When running as system without console session, %localappdata% will now be resolved as localappdata of default user (usually C:\Users\Default\Appdata\Local)
FIX / CHANGE / ENHANCEMENT	Multiuser Directory migration will now occur for all folders under user root (usually C:\Users\) that match the old notes data suffix (i.e. \Vendor\Notes\Data)
CHANGE / ENHANCEMENT	Citrix Optimization will ignore the following settings when launched without MultiUserSharedDataNew: for jvm.properties: - any line where the value contains %MCU_MultiUserSharedDataNew_Coptim% - vmarg.Xnolinenumbers=-Xnolinenumbers - vmarg.Dshare=%MCU_Unmerge%,singleJVM for rcplauncher.properties: - config.system.1=%MCU_RemoveIf%-data - config.system.2=%MCU_RemoveIf%${rcp.home}/rcp/systemdata
ENHANCEMENT	The Citrix Optimization option Disable DEP now also works for any upgrade for which at least NotesProgramDirectoryNew is specified

ENHANCEMENT	The Citrix Optimization option Compact Templates now also works for any upgrade where NotesDataDirectoryNew is specified, but MultiUserSharedDataNew is not (then compacting templates in NotesDataDirectoryNew)
ENHANCEMENT	Added a Collapse All link at the top of summary emails
ENHANCEMENT	Added progress display in second progress bar for Multiuser migration and cleanup

Release 2021-04-20 - 11.0.78

MCUpgrade	
FIX	Fixed an issue with 11.0.1 FP3 where the Notes client would require five start attempts after upgrade due to missing Directory= entries in notes.ini A missing Directory entry in notes.ini has always been a non-issue, since the Notes client corrected it by itself upon next startup. The Directory entry will now be migrated across, with its value being changed to the respective target directory. Set NotesDataDirectoryOldExcludeDirectoryForce=1 to revert back to the old behaviour
ENHANCEMENT	Added progress display per file in second progress bar when using /zip (used by MCUpgrade Config Wizard during publishing)

Release 2021-04-14 - 11.0.77

MCUpgrade	
FIX	Fixed an issue where daily deferral would run the upgrade on the same day instead of waiting for next day
FIX	Fixed an issue where the previous user profile directory erroneously contained the domain name. This lead to a migration of only the previous user's data directory, but no other data directories in case of a multi to multiuser data directory change. This issue was introduced in 11.0.68.
FIX	Fixed an issue where MCKeyfileEditor exited with an error "Subscript used on non-accessible variable" after resetting the whitelist and closing MCKeyfileEditor

Release 2021-03-26 - 11.0.76

MCUpgrade	
FIX	Fixed an issue where MCUpgrade did not re-run properly since 11.0.75, mostly when used with RestoreNetworkDriveMappings=1
ENHANCEMENT	Added two new ini options WoptimWaitTimeUntilOpen (defaults to 120) and WoptimWaitTimeAfterOpen (defaults to 30)

Release 2021-03-24 - 11.0.75

MCUpgrade	
FIX	Fixed an issue where Shutdown (also used for GracefulShutdown, Workspace Optimization and in MCShutdown) did not work due to missing domain name
FIX	Fixed an issue where Workspace Optimization did not handle all cases of non-launching clients properly

Release 2021-03-23 - 11.0.74

MCUpgrade	
FIX / CHANGE	CheckFileHandles is disabled by default now for the time being due to issues with at least two virus scanners; set to 1 to enable
FIX	Fixed an issue with /coptim, /woptim and /woptimonly since 11.0.68 not shutting down the client, due to missing console session user info

FIX	Fixed an issue where the log file would switch locations when elevating using the panagenda Installer Service (introduced in 11.0.61)

Release 2021-03-22 - 11.0.73

MCUpgrade	
FIX	Fixed all possible hangs with the new CheckFileHandles feature introduced in 11.0.69
FIX	Fixed an issue where MCKeyfileEditor was broken for multivalue authentication values since 11.0.52
FIX	Fixed an issue where MCKeyfileEditor would incorrectly notify about unsaved changes after opening keyfiles with multivalues for usernames, passwords or domains (since the beginning of time)
CHANGE / ENHANCEMENT	SourceDirectoryInitFileResume is now disabled by default; set to 1 to enable it

Release 2021-03-18 - 11.0.72

NEW	Added a new ini option SourceDirectoryInitFileResume; defaults to 1, set to 0 to not support resume and copy files faster with intiator
FIX	Fixed an issue where for UpgradeLanguage<>en/default, MCUpgrade could create re-run shortcuts without a name
FIX	Fixed an issue where SMTPInfo and Test logs did not get reset
FIX	Fixed an issue where the optional GracefulShutdown Cancel button was in the same place as the OK button
FIX	Fixed an issue where the checking for rcplauncher, .prov2install, provisioning and jvmlauncher.log files did not check for all possible 10 locations and in rare cases resulted in an undeclared variable
FIX	Fixed a possibly hang with the new CheckFileHandles feature
FIX / CHANGE	Fixed an issue where smtp error emails would always show progress 0 or 99, instead of progress until then
FIX / CHANGE	Fixed an issue where smtp progress emails would report -1 instead of 0
CHANGE	rcplauncher, .prov2install, provisioning and jvmlauncher.log files are no longer attached in case of error 1618 (another install is already in progress)
CHANGE / ENHANCEMENT	SourceDirectoryInit file sources are no longer scanned including subfolders
CHANGE / ENHANCEMENT	When launched from outside UpgradeDirectory, Initiator now downloads any files from SourceDirectoryInit, that do not exist locally
ENHANCEMENT	Enhanced file handle check logging in case of an error or non-existent folder
ENHANCEMENT	Improved SMTPProgressTracking emails for status updates
ENHANCEMENT	Improved error smtp emails to report error number / return code in the details column
ENHANCEMENT	Checking for other installers in progress now also checks HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\InProgress
ENHANCEMENT	When running without a console session, best effort detection of console session SID is now performed based on the username component in NotesDataDirectoryOld, if it resides in %localappdata%\Vendor\Notes\Data
ENHANCEMENT	DisallowRun and RestrictRun backups and restores are now SID based (fallback to previous backup format)
ENHANCEMENT	Log redirection for IBM/HCL installers now occurs before uninstall

Release 2021-03-05 - 11.0.71

MCUpgrade	
FIX	Fixed an issue where MCUpgrade.ini instructions were not reliably read, if at the same time the progressbar updated ini: UpgradeProgress - Upgrade Progress is now stored in MCUpgrade.progress, together with the last package name and start time
FIX	Fixed a non-issue where at the end of an upgrade MCUpgrade would log "Could not find [] on Windows Desktop" - it now no longer searches for an icon without a name ;-)
ENHANCEMENT	MCUpgrade now also searches for updates to .prov2install and provisioning.log files in workspace\logs in %localappdata%\Vendor\Notes\Data, NotesDataDirectoryNew and ConsoleSessionUserLocalAppData\Vendor\Notes\Data

Release 2021-03-04 - 11.0.70

MCUpgrade	
FIX	Fixed an issue with updating the wizard progressbar for the upcoming new config database design

Release 2021-03-03 - 11.0.69

MCUpgrade	
NEW	Added new functionality, that checks for open file handles before any and after all failed InstallExec* instructions in NotesProgramDirectoryNew, NotesDataDirectoryNew and MultiUserSharedDataNew
NEW	Added a new ini option CheckFileHandles - set to 0 to disable the above newly added file handle check
FIX	Fixed an issue switching of the working directory for upgrade launched from a UNC path did not work in all cases
FIX	Fixed another SID lookup issue in console session detection
FIX	Fixed an issue where an error was logged during backup of root notes.ini, even if no roaming was necessary thereafter; Now, root notes.ini is only backed up, if roaming of notes.ini is actually carried out
FIX	Fixed an issue where copying the Notes data directory from a network drive failed for single user installations (as the data directory is then under program files) The data directory is now copied from the network directory to ini:UpgradeDirectory\MoveToNewData and after elevation from there to ini:NotesDataDirectoryNew, including filepath adjustments for entries therein, if applicable
FIX / ENHANCEMENT	Fixed an issue where after a successful upgrade via the panagendaInstallerService, we moved files from the safe directory to the upgrade directory to then delete them - the process now deletes the files directly in the safe directory NOTE that in case of an upgrade error, the files are still moved back

Release 2021-02-24 - 11.0.68

MCUpgrade	
NEW	Added a commandline option for MCShutdown.exe to optionally specify different executable(s) to shutdown, e.g. MCShutdown /switch process.exe
FIX	MCUpgrade now properly renders the desktop icon preview on systems with multiple monitors and different DPI Scaling
FIX	Fixed an issue where, when running via the MCUpgrade service, zip files with CopyTo* folders were unzipped into the service upgrade folder, but not processed from there
FIX	Fixed an issue where after data directory migration to %localappdata%\... where the console session SID was wrong in rare cases
FIX	Fixed an issue with the new rcplauncher.log creation/update detection which either didn't work or could display an array error upon an (un)install running into an error
FIX / ENHANCEMENT	MCUpgrade is now HiDPI aware - labels that might have been too large or small in the past are now rendered properly
ENHANCEMENT	The splash screen can now also be dragged when clicking and holding a progress bar, any labels, as well as the optional animated GIF

ENHANCEMENT	In case an installer returns an error (<>0), any changed or new jvmpatcher.log files from NotesProgramDirectoryNew are added to the result email
ENHANCEMENT	MCUpgrade now also checks for another installation in progress prior to every (Un)Install and waits up to 120 seconds for it to finish
ENHANCEMENT	If an (Un)Install returns error 1618 (other installation in progress), the (un)install is re-attempted up to three times
CHANGE	When running via the MCUpgrade service, %MCUPGRADEDIRECTORY%\CopyToProgram**.exe files are not copied over

Release 2021-02-12 - 11.0.67

MCUpgrade	
FIX	Fixed an issue where MultiUserSharedDataNew was not deleted in combination with Uninstall instructions, if MultiUserSharedDataOld was empty
FIX	Fixed an issue where the desktop icon preview did not properly adjust for scaling on windows 10
FIX	Fixed an issue introduced in 11.0.66, where buttons in beautified dialogs (too) had large fonts

Release 2021-02-12 - 11.0.66

MCUpgrade	
FIX	Fixed an issue where OK, Yes, No and Cancel buttons were not translated - they are now automatically translated via ini:MCUpgrade_lang.ini, fallback to OS language translation
FIX	Fixed an issue where MultiUserSharedDataNew was never cleaned up if it matched MultiUserSharedDataOld, and no data directory migration took place
FIX	Fixed an issue where beautified messageboxes would not display all text

Release 2021-02-09 - 11.0.65

MCUpgrade	
NEW	If NotesProgramNew\npnotes(64).dll exists before any InstallExec AND is registered as HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\NetworkProvider\Order\ProviderOrder, it is being renamed to npnotes(64).dll.MCU### If the file is not created during the respective installation, it is being renamed back after the respective installation
NEW	rcplauncher.log files are checked before and after each InstallExec* instruction for whether they have been newly created or modified In case an installer returns an error (<>0), any changed or new rcplauncher.log files are added to the result email The following folders are checked for new/updated rcplauncher.log files: %localappdata%\Vendor\Notes\Data NotesDataDirectoryNew ConsoleSessionUserLocalAppData\Vendor\Notes\Data
FIX	Fixed an issue where notes.ini would be deleted in new data or program directory across multiple runs after being properly roamed in a previous run; Now, notes.ini is only deleted in new notes program or data directory, if a notes.ini file was secured for roaming from either a previous run, or multi or single user data directory migration
FIX	Fixed an issue with display scaling of the beautified messageboxes introduced in 11.0.57
FIX	Fixed an issue where the desktop shortcut preview did not work properly with multiple monitors
FIX	Fixed an issue where the beautified success messagebox potentially closed itself/did not display since 11.0.57
CHANGE	The log line "could not launch [...] - error ..." has been changed to "[...] returned error ..."
ENHANCEMENT	Added an Expand All link to the top of result emails to allow for easy searching

Release 2021-02-04 - 11.0.64

MCUpgrade	
FIX	Fixed an issue where running MCUpgrade via SYSTEM outside of %ProgramFiles(x86)%\panagenda\MCUpgrade still required MCUpgrade.dll in that directory - The DLL can now also be in the directory from where MCUpgradeMain is launched, provided it has a valid EV certificate NOTE: MCUpgrade.dll in %ProgramFiles(x86)%\panagenda\MCUpgrade is used if the DLL is also present in UpgradeDirectory
FIX	Fixed an issue where launching e.g., the progress bar in the console session did not show the Splash screen, but only text and progress bar
FIX	Fixed an issue where running MCUpgrade from a UNC path, the log could result in a SUCCESS with ERRORS state, logging "cmd.exe was started with the above path as the current directory, unc paths are not supported"
FIX	Fixed an issue where MCUpgrade.exe sent progress emails with -1 instead of proper percentage
FIX	Fixed an issue where Progress emails did not contain the correct elapsed runtime since start, but only "0"
CHANGE	Shortcut Creation is now suppressed when running as SYSTEM without console session, and MCUpgrade was not elevated via the panagendaInstallerService
CHANGE	User Pinned shortcuts, the user's desktop shortcuts, and the user's start menu will not be processed when running upgrade via SYSTEM without console session
CHANGE / ENHANCEMENT	The panagendaInstallerService will no longer be installed, if the .NET framework is missing or neither 3.5 or 4.x; If the .NET framework exists after processing all InstallExec* instructions, it will be re-attempted right thereafter
CHANGE / ENHANCEMENT	The MCUpgrade progress bar will from now on be displayed bottom right centered, instead of the middle of the screen
NEW / ENHANCEMENT	MCUpgrade via SYSTEM without console session is now supported
NEW / ENHANCEMENT	If OS environment variables cannot be resolved (usually only when running as SYSTEM without console session), the following ones are filled based on best effort: LOCALAPPDATA, ProgramFiles(X86), ProgramData (and ProgramFiles on 32 bit OS)
NEW / ENHANCEMENT	ENHANCEMENT: When running MCUpgrade via SYSTEM without console session, LOCALAPPDATA will be resolved as follows: First, we check for HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Authentication\LogonUI\LastLoggedOnUser Next, we check all entries under HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\ProfileList - if a profile exists with ProfileLoadTimeHigh set AND it matches LastLoggedOnUser, we use the respective ProfileImagePath - if LastLoggedOnUser was not set or found, we use ProfileImagePath from the yougest (last modified) profile under ProfileList - if the result is empty, we fallback to the default windows value (usually being C:\Users\Default\Appdata\Local)

Release 2021-01-25 - 11.0.63

MCUpgrade	
NEW	Added new ini settings InstallFinishedIcon and InstallFinishedIconText
NEW	Upon a successful install and when specifying InstallFinishedIcon (e.g. "HCL Notes" without quotes), a desktop preview is displayed for the newly created/updated shortcut
FIX	Fixed an issue where the desktop icon preview dialog did not honor display scaling
CHANGE / ENHANCEMENT	The InstallFinished dialog is now beautified upon a successful upgrade and when not using a timeout

Release 2021-01-20 - 11.0.62

MCUpgrade	
FIX	Fixed a stupid error that made 11.0.61 useless

Release 2021-01-20 - 11.0.61

MCUpgrade	
ENHANCEMENT	Added exit code 4751 (Whitelist signature mismatch or whitelist has been tampered with)
CHANGE	Whitelisting is mandatory from now on, if a public key file exists in %ProgramFiles(x86)%\panagenda\MCUpgrade
CHANGE	When directly executing MCUpgrade.exe via SYSTEM account AND from a fixed drive, the folder, from which MCUpgrade.exe is executed, overrides UpgradeDirectory

Release 2021-01-15 - 11.0.60

MCUpgrade	
FIX	Fixed an issue where *RegistryKey* settings did not work with whitelisting

Release 2021-01-12 - 11.0.59

MCUpgrade	
FIX	Fixed an issue where SetEnvValue could not be empty for deletion
CHANGE	Shortcut removal is now no longer dependent on the /ignoredeferralfilemustexist switch, but on number of uninstall instructions (0=no shortcut removal)
ENHANCEMENT	Elevation errors 1326 and 1327 are now passed into Analyze as "ELEVATION errors"

Release 2021-01-12 - 11.0.58

MCUpgrade	
FIX	Fixed an issue where the shortcut preview added in 11.0.57 did not work, only showing a smaller "an upgrade is ready" message box
FIX	Fixed an issue where Citrix Optimization reset the log file instead of adding to an existing one
FIX	Fixed an issue where copying the public key file in conjunction with InstallService=1 did not create missing directories
CHANGE	The default desktop shortcut name "MC Upgrade ReRun" is now automatically replaced with "Run Notes Client Upgrade" or "Rerun Notes Client Upgrade", depending on context
CHANGE / ENHANCEMENT	SetEnvValue can now be left empty, resulting in deletion of the corresponding SetEnvName value
ENHANCEMENT	When setting OS environment variables via SetEnv*, EnvUpdate is called at the end, which creates a similar effect as logoff/logon - changes to, for example, %path% should become effective immediately

Release 2021-01-05 - 11.0.57

MCUpgrade	
FIX	Fixed an issue where DeferralAdmins were checked before opening .mcu file
FIX	Fixed an issue where the shutdown notice windows could "vanish" when switching to a different window using ALT+TAB, or after switching to the windows desktop
FIX	Fixed an issue where the GracefulShutdownNotice message did not always display a blue title message

NEW	When creating a (re)run shortcut on the windows desktop, a dialogbox shows a preview of the newly created icon
CHANGE / ENHANCEMENT	When a user defers an upgrade a shortcut is placed on desktop to run the upgrade on demand; this can be influenced by setting ini:DeferralNumberOfUpdatePromptsMaxShortcut=-1
ENHANCEMENT	The Deferral prompt now always shows the ReRun Icon as configured in the upgrade config wizard

Release 2020-12-19 - 11.0.56

MCUpgrade	
FIX	Fixed an issue where LocalAdminFallback did not work in 11.0.5x releases
FIX	Fixed an issue where /ignoredeferralfilesmustexist was not appended to re-run shortcut in 11.0.4x and 5x releases, leading to users being asked again whethere they want to defer an upgrade
FIX	MCUpgrade now sends fewer tracking emails (4 at max, at 2, 25, 50 and 75 percent progress); previously it would send 6 or more
FIX / CHANGE	Moved deletion of the re-run shortcut to after deferral (if applicable) / before Upgrade Init
CHANGE	Changed the error message when launching MCUpgradeMain fails or returns an error from "ERROR: Could not launch program as current user with Admin rights ..." to "ERROR: Launching program as current user with Admin rights returned ..."
CHANGE / ENHANCEMENT	Rather than just returning Error 1, MCUpgradeMain now returns the last error code from a failing (un)install, if applicable
NEW / ENHANCEMENT	MCUpgrade now also accepts (typos) /smpttest and /smptinfo command line parameters in addition to /smtptest and smtpinfo ;-)
ENHANCEMENT	MCShutdown will now exit immediately and re-run itself if run from Notes client, so as to detach itself from Notes
ENHANCEMENT	If run from Notes client, MCShutdown now automatically closes itself after notes is closed (this is for when launching it together with Notes)
ENHANCEMENT	MCShutdown now has a new option "/noautoterm" to disable automatic closing when run from Notes client and the Notes client is closed
ENHANCEMENT	MCShutdown will now exit if another instance of MCShutdown is already running; only another instance of MCShutdown /auto is allowed in parallel
ENHANCEMENT	MCShutdown /auto will exit silently without logging if another instance if MCShutdown is executed

Release 2020-12-17 - 11.0.55

MCUpgrade	
FIX	Fixed an issue where the newly improved checksum pre-calculation for the MarvelClient Configuration Wizard did not work

Release 2020-12-16 - 11.0.54

MCUpgrade	
NEW	MCUpgrade now supports checkout trial licenses
FIX	Fixed an issue where a full license with non-matching domain/computername/username restrictions would not search for a possible better license
ENHANCEMENT	<,>,& are now escaped in html log files and result emails - this allows us to also properly display html content as a result from e.g. license checkout or http(s) downloads
ENHANCEMENT	MCShutdown.exe now also supports actions.xml licenses

Release 2020-12-09 - 11.0.53

MCUpgrade	
NEW	MCUpgrade now **also** checks for valid licenses in actions.xml NOTE: This requires MCUpgrade 11.0.53, a new updated license obained via Online Update, and that the updated license is present on the respective clients The search order for the first "best" (=full) license is as follows: MCUpgrade.ini:LicenseFilePath UpgradeDirectory\license_upgrade.xml notes.ini:MC_WorkingDirectory**actions.xml** (NotesProgramDirectoryOld) notes.ini:MC_WorkingDirectory**actions.xml** (NotesProgramDirectoryNew) notes.ini:MC_WorkingDirectory**actions.xml** (NotesDataDirectoryOld) notes.ini:MC_WorkingDirectory**actions.xml** (NotesDataDirectoryNew) **%localappdata%\panagenda\marvel\actions.xml** MCUpgrade.ini:SourceDirectoryInit\license_upgrade.xml registry:HKEY_LOCAL_MACHINE\SOFTWARE\panagenda\MarvelClient\Upgrade\SourceDirectoryInit\license_upgrade.xml
FIX / CHANGE	MCUpgrade.exe /coptim no longer sets hardcoded rcp.install.id and provisioning.manifest.version
ENHANCEMENT	**MCShutdown**.exe now also accepts a full filepath to a license.xml/actions.xml file via command line: MCShutdown /switch "f:ull\file.xml" "f:ull\file.log" MCShutdown /switch "f:ull\file.log" "f:ull\file.xml" MCShutdown /switch "f:ull\file.xml" MCShutdown /switch "f:ull\file.log" NOTE: the license filepath must contain ".xml"

Release 2020-12-05 - 11.0.52

MCUpgrade	
NEW	**This Release contains a number of enhancements for significantly faster and close to 1-click publishing of upgrades combined with better progress visualization.** **The duration of upgrades has also been improved.** **The latest MarvelClient Config database design and MCUpgrade >= 11.0.51 allow customers to enjoy these many new improvements.**
FIX	Removed log 0x08 (backspace) characters from MCUpgrade.log for when files are zipped (e.g. installer logs and MCUpgrade.log)
CHANGE	UseComspec and LogonFlag are deprecated/have been removed entirely
CHANGE / ENHANCEMENT	Together with the latest MarvelClient Config database design, publishing an upgrade is no longer dependent on Java
CHANGE / ENHANCEMENT	Memorizing HKEY_CURRENT_USER\SOFTWARE\IBM|HCL\Notes\Installer\PersonalFolder is now registry based and works across multiple runs / independent of MCUpgrade.ini
CHANGE / ENHANCEMENT	Memorizing HKEY_USERS\$ConsoleSessionSID\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\DisallowRun|RestrictRun is now registry based and works across multiple runs / independent of MCUpgrade.ini
ENHANCEMENT	Finished enhancements for optimized indexing and packaging via MCUpgrade wizard
ENHANCEMENT	KeyfileEditor will now automatically launch the Whitelist Editor when enabling "Use Whitelisting ..."
ENHANCEMENT	KeyfileEditor will now automatically open MCUpgrade.ini if there is no other ini file in the directory where it is executed from; together with the previous enhancement, a single click now opens MCUpgrade.ini
ENHANCEMENT	KeyfileEditor no longer displays an "All filepaths are valid" message when saving a changed whitelist
ENHANCEMENT	KeyfileEditor no longer displays a "possibly invalid USER paths" message for files in %PUBLIC%\MCUpgrade\stage
ENHANCEMENT	KeyfileEditor now saves and closes automatically when launched via MCUpgrade Config Wizard and there are no validation issues
ENHANCEMENT	Together with the latest MarvelClient Config database design, KeyfileEditor will no longer re-compute already known file hashes

ENHANCEMENT	Together with the latest MarvelClient Config database design, MCUpgrade.exe now also displays progress when copying installers to the %PUBLIC%\MCUpgrade\publish directory

Release 2020-11-23 - 11.0.51

MCUpgrade	
FIX	Fixed an issue where when attempting to launch a non-existing executable, no error was logged/handled
FIX	Fixed a (non)issue where progress logging would not log / visualize all log lines
FIX	Fixed an issue where ProgressTracking emails were no longer sent
ENHANCEMENT	Possibly reduced the time it takes to compute hashes
ENHANCEMENT	First enhancements for optimized indexing and packaging via MCUpgrade wizard

Release 2020-11-10 - 11.0.50

MCUpgrade	
FIX	SkipNotesDataDirectoryMigration is now automatically set to 1 (in memory) if at least one file is processed and all files copied/moved during single & multiuser data directory migration fail

Release 2020-11-10 - 11.0.49

MCUpgrade	
FIX	Fixed an issue where - if enabled - cleanup was performed even if upgrade was unsuccessful

Release 2020-11-03 - 11.0.48

MCUpgrade	
FIX / ENHANCEMENT	Added deletion of \.metadata\.plugins\org.eclipse.e4.workbench\ files to Citrix Workspace Optimizer

Release 2020-11-01 - 11.0.47

MCUpgrade	
FIX	Fixed an issue where Initiator would log an error whilst trying to unzip MCUpgrade.exe over an already running MCUpgrade.exe
NEW	**The new feature "Initiator"** allows automatically download of upgrade files or newer upgrades from central file (UNC or mounted) or web resources (https(s) and ftp(s))
NEW	**The new feature Citrix Optimization** allows specific optimization of deployments on Citrix and Windows Terminal Servers (WTS) Introduces ini:Coptim=1 (defaults to not set = Disabled; best enabled via the MarvelClient Upgrade Configuration wizard on the new Citrix tab as of template version 20201102)
NEW	For when ini:Coptim=1, added an option ini:CoptimDisableService### to disable services (includes stopping them) at the end of an upgrade during Citrix Optimization
NEW	For when ini:Coptim=1, added an option ini:CoptimDisableDEP, defaults to 1, set to 0 to not disable DataExecutionPrevention
NEW	For when ini:Coptim=1, added an option ini:CoptimCompactTemplates, defaults to 1, set to 0 to not disable Compacting Templates

NEW	For when ini:Coptim=1, added an option ini:CoptimGrantEveryoneAllAccessToXPDPLAT, defaults to 1, set to 0 to not grant Everyone, Administrators and SYSTEM All Access to xpdplat folder
NEW / CHANGE	Added a new option ini:InstallChangePersonalFolder; defaults to 1, set to 0 to not adjust HKEY_CURRENT_USER\SOFTWARE\HCL\Notes\Installer\PersonalFolder to UpgradeDirectory\temp
NEW / CHANGE	Added a new option ini:NotesWorkspaceDirectoryNewSmartCleanup; defaults to 1, set to 0 to not delete a NotesDataDirectoryNew\workspace directory which was created during install instructions (=did not previously exist)

Release 2020-10-30 - 11.0.46

MCUpgrade	
FIX	Fixed an issue with Initiator not working with an MCUpgrade.ini with only SourceDirectoryInit= entry
ENHANCEMENT	Initiator now also logs initiating events
CHANGE	Removed support for PreCheckWhitelistChecksums

Release 2020-10-26 - 11.0.45

MCUpgrade	
FIX	Removed error logging from taskkill in MCShutdown(function&executable)
FIX	Fixed an issue where log was closed and not reopened when running via service - MCUpgrade now supports closing and reopening log file for all run/runas/runasuser calls
FIX / CHANGE	UnzipDone### is now also ignored when running as SYSTEM
FIX / CHANGE	DeferralFileMustExist### will now also be searched for in the SAFE upgrade directory when RunAsService > 0
CHANGE	FOR DETAILS SEE ... log output is now only written, if ExecErrorSearchRegExp### pattern matched or exit code was <> 0

Release 2020-10-22 - 11.0.44

MCUpgrade	
FIX	Fixed "files copied" progress info for initiator
FIX	Fixed broken ini section reading introduced in 11.0.42/43

Release 2020-10-21 - 11.0.43

MCUpgrade	
FIX	Fixed an issue with Initiator not working in 11.0.42

Release 2020-10-20 - 11.0.42

MCUpgrade	
FIX	Fixed an issue where when running MCUpgrade.exe via Service, CopyTo* Directories where not processed

FIX	Fixed an issue where when calling MCUpgrade with relative or 8.3 parameters, Initiator was called
NEW	Added an option ini:DisableService### to disable services (includes stopping them) at the end of an upgrade

Release 2020-09-25 - 11.0.41

MCUpgrade.exe	
FIX	Fixed an issue where "package already installed" did not work as expected
ENHANCEMENT	reg:SourceDirectoryInit now also supports pointing to yet another registry key

Release 2020-09-25 - 11.0.40

MCUpgrade.exe	
FIX	Fixed an issue with double line feeds in unzip, admin check and std logging
FIX	Fixed an issue where merging of files without sections would rewrite entries without an equal sign with an equal sign appended (e. g. env.unset.JAVA_HOME --> env.unset.JAVA_HOME=)
FIX	Fixed an issue introduced in 11.0.39, where CURLOPT_SSL_VERIFYPEER was set to 1 by default, instead of 0
FIX	Fixed an issue where Gracefulshutdown would not kill processes after 60 seconds / ini: GracefulShutdownNoWindowsButProcessesTimeout
FIX	Fixed an issue where Gracefulshutdown would not respond fast enough to buttons clicked (OK or cancel, if applicable)
CHANGE	Changed exit code from 1 to 0 for already installed packages
CHANGE / ENHANCEMENT	File source Initiator now only downloads files matching SourceDirectoryInitURL### entries
CHANGE / ENHANCEMENT	File source Initiator now also supports * (wildcard matches) for SourceDirectoryInitURL### entries
ENHANCEMENT	Added logging for Gracefulshutdown for when timeout starts
ENHANCEMENT	Improved Console session detection and logging
ENHANCEMENT	MarvelClient Upgrade will now automatically switch to UAC prompts, if applicable

Release 2020-09-14 - 11.0.39

MCUpgrade.exe	
FIX	The Preloader animation is no longer displayed when launching MCUpgrade.exe via SYSTEM.
FIX	Fixed an issue where GracefulShutdown would erroneously stop after the first timeout with "1 windows left, but 2 processes (7484|notes2.exe,9128|nlnotes.exe) found - exiting due timeout exceeded" (issue was introduced in 11.0.36).
FIX	Fixed an issue with Parent Process Detection, where the log would occasionaly state that parent process detection failed natively.
FIX	Fixed an issue where notes.ini roaming was not safeguarded against empty target directory settings.
CHANGE / ENHANCEMENT	MCUpgradeMain now also returns error_occured.
ENHANCEMENT	MCUpgrade.exe is now only copied via Initiator if newer.
NEW	Initiator now also supports HKEY_LOCAL_MACHINE\SOFTWARE\panagenda\MarvelClient\Upgrade\SourceDirectoryInitLocalFallback

NEW	When exiting silently, MCUpgrade.exe will now return 0 (for possible use in Software Deployment Tools).
NEW	All successful installations will now be memorized in HKEY_LOCAL_MACHINE\SOFTWARE\panagenda\MarvelClient\Upgrade\SuccessfulUpgrades\PackageNameWithoutBackslashes
NEW	Initiator will not repeat a successful installation anymore (unless ini:SourceDirectoryInitRepeat is set to 1 or a file MCURepeat.txt exists in the directory where the upgrade is executed or in %PUBLIC%).
NEW	Added a messagebox (when not running as system) if remote Initiator package has already been installed.
NEW	Added elevation type info in the "Me: / Command line: " log info section.
NEW	Added two new ini options: CURLOPT_SSL_VERIFYHOST (defaults to not set = 2) and CURLMOPT_CAINFO (defaults to not set; set to .pem filename for use with VERIFYHOST and VERIFYPEER).
NEW / CHANGE	If a user denies elevation request (which s/he ideally never sees anyway), upgrade exits silently and reports "WAITING for user" instead of "ERROR".

Release 2020-09-07 - 11.0.38

MCUpgrade.exe	
FIX	Fixed a possible wrong invalid license result introduced in 11.0.36
FIX	Fixed an issue where the copy progress was not always visualized within Initiator.
FIX	Fixed an issue where initiator could run more than once in parallel.
FIX	Fixed an issue where the newly computed upgrade duration excluding deferral and, where applicable, UAC elevation dialog interaction time was only written to the log file, but not reported back via SMTP emails.
FIX	Upon change of UpgradeDirectory (i.e. MCUpgrade.exe is launched from different directory), the progress bar is now launched in the correct UpgradeDirectory.
FIX / CHANGE	After unzipping MCUpgrade.ini, if missing upon start, MCUpgrade.ini will be deleted again; furthermore, MCUpgrade.ini is temporarily unzipped into and read from OS temp directory.
ENHANCEMENT	Removed all MsgStream: Open failed messages from logging.
ENHANCEMENT	Added logging for when using https with a pre-existing .partial file, which does not support resume.
ENHANCEMENT	Added an Initiator animation for display during the first wait time.
ENHANCEMENT	Web URL download speed is now approx. 5-10 times faster.
NEW	Added a new option ini:SourceDirectoryInitLocalFallback - defaults to 1, set to 0 to disable fallback to local upgrade config in case SourceDirectoryInit is set.
NEW	Initiator now compares remote packagename with local packagename; if the same, all files are copied from local, otherwise from remote.

Release 2020-09-02 - 11.0.37

MCUpgrade.exe	
CHANGE / ENHANCEMENT	Improved .html log file naming and reporting via SMTP emails by reporting WAITING states instead of ERROR states for the following exit reasons: AnotherInstallInProgress, missing DeferralFileMustExist file, UserCancelledGracefulShutdown, FailedToCloseAllWindows(forGracefulShutdown), UpgradeIsDeferred

These will now result in "WAITING for other installation", "WAITING for file(s)", "WAITING for user" emails, as well as .html log files. |
| CHANGE | InstallFinished/Failed text will from now on be suppressed automatically if NotesDataDirectoryOld and NotesProgramDirectoryOld are not set; can be overriden using InstallTextAutoSuppress=0 |
| ENHANCEMENT | UserSwitch and Deferral runtimes are now substracted from total runtime for total runtime reporting in MCUpgrade.log, as well as result emails. |

Release 2020-08-27 - 11.0.36

	MCUpgrade.exe
FIX	Fixed an issue where Graceful shutdown would display @LF@ instead of a line break in the default retry message.
CHANGE	Auto/Graceful Shutdown will no longer log messagebox elements that are not of type button.
CHANGE	For customers with an expired full license, MCUpgrade will no longer fall back to Upgrade Free.
ENHANCEMENT	Auto/Graceful Shutdown will now also auto-terminate processes if no windows are left open according to GracefulShutdownNoWindowsButProcessesTimeout (defaults to 60).
ENHANCEMENT	Auto/Graceful Shutdown will now also auto-terminate processes if according to GracefulShutdownNoWindowsButProcessesTimeout (defaults to 60), the same window without buttons is always displayed more than once.

Release 2020-08-20 - 11.0.35

	MCUpgrade.exe
FIX	Fixed an issue where when using SourceDirectoryInit without MCUpgrade.zip, MCUpgrade.ini and license_upgrade.xml were deleted.
FIX	Fixed an issue where cleaning up the shared data directory via all user root could result in an infinite loop in case of circular junction points /symlinks.
NEW	At the end of a single user data directory migration, the following entries will be merged into the Security descriptor of the target data directory: ConsoleSession user, Administrators and SYSTEM, recursively.
NEW	Added a new ini setting ExitOnOtherInstallationInProgress: Waits the specified number of seconds in case another Windows installation is already in progress (defaults to 120, set to 0 to disable). Other then ExitProcess###, this does not check for a running process like msiexec, for example, but queries the Global_MSIExecute mutex (see MSDN for details).

Release 2020-07-20 - 11.0.34

	MCUpgrade.exe
FIX	Fixed an issue where a user's desktop folder was not scanned for shortcuts if no user switch took place (i.e. user is admin).
FIX	Fixed an issue where ini:NotesProgramDirectoryOldCopy* did not work in combination with NICE (as nice remove pretty much everything, whereas an msiexec /x GUID does not).
NEW	MCUpgrade will now also migrate %DATA%\..*.BIN files during both Single and Multiuser Data directory migration from old to new path accordingly.

Release 2020-07-16 - 11.0.33

	MCUpgrade.exe
NEW	Added support for http(s):// and ftp(s):// to Initiator, including pause and resume (https:// does not support resume).
NEW	Added two new ini options: CURLOPT_SSL_VERIFYPEER and CURLMOPT_MAX_TOTAL_CONNECTIONS; both default to 0.
NEW	Added a new option ini:CURLLogHeader; defaults to 0, set to 1 to log HTTP headers.
NEW	Added support for ini:SourceDirectoryInitURL### (001-999) relative or absolute http(s) or ftp(s) filenames to download. Also supports the use of | to specify multiple filenames/URLs in one single value. NOTE: Do *not* add MCUpgrade.zip to list of files to download as this is done before starting the actual download.

NEW	MCUpgrade will now also automatically unzip MCUpgrade.zip and unzip it, when executed without SourceDirectoryInit AND MCUpgrade.zip exists, but MCUpgrade.ini does not.
ENHANCEMENT	MCUpgrade.log now always includes last known exit reason (if any).
CHANGE	A deferred upgrade no longer leads to an error result email; set DeferralNumberOfUpdatePromptsMaxEmail to 1 if you want Deferral INFO emails.
CHANGE	Deferral INFO emails are now sent if DeferralNumberOfUpdatePromptsMaxEmail > 0 (defaults to 0) and Deferral count >= ini: DeferralNumberOfUpdatePromptsMaxEmail (previous check was for > only).
CHANGE	A re-run shortcut is now created if DeferralNumberOfUpdatePromptsMaxShortcut > 0 (defaults to 0) and Deferral count >= ini: DeferralNumberOfUpdatePromptsMaxShortcut (previous check was for > only).

Release 2020-07-03 - 11.0.32

MCUpgrade.exe	
NEW	The Initiator Process can now be paused via right-click on the tray icon and toggle of the Pause menu option.
FIX	Fixed an issue where the log file created/used during Initiator/SourceDirectoryInit was in SourceDirectoryInit instead of SourceDirectoryInit:ini: UpgradeDirectory
FIX	Fixed an issue where the dedicated progress bar was possibly launched twice (the second one did not show and exited immediately, but not launching it when it's already running is just better 😉).

Release 2020-07-02 - 11.0.31

MCUpgrade.exe	
NEW	MCUpgrade now also resolves registry entries matching %(HKEY_LOCAL_MACHINE | HKLM | HKEY_USERS | HKU | HKEY_CURRENT_USER | HKCU | HKEY_CLASSES_ROOT | HKCR | HKEY_CURRENT_CONFIG | HKCC)(32 | 64)?\\... Note: Simply append the name of the registry entry to the end of the registry key path, e.g. HKEY_LOCAL_MACHINE32\SOFTWARE\Lotus\Notes\Description Note: HKCU / HKEY_CURRENT_USER is automatically redirected to the registry hive of the current console user.
NEW	Added a new MCUpgrade.ini option SourceDirector to copy all files including subdirectories and files therein to ini:UpgradeDirectory and then start MCUpgrade.exe from there.
NEW	Added support for HKEY_LOCAL_MACHINE64\SOFTWARE\panagenda\MarvelClient\Upgrade\SourceDirectory; ini:SourceDirectory wins, if specified.
NEW	Added checking of license_upgrade.xml in ini:SourceDirectory
NEW	Added checking of license_upgrade.xml in directory of MCUpgrade.exe (if different from UpgradeDirectory).
FIX	Fixed display of multiple panagenda windows tray icons introduced in 11.0.29.

Release 2020-06-19 - 11.0.30

MCUpgrade.exe	
FIX	Fixed an undeclared variable error when license file or MCUpgrade.ini did not exist.
FIX	The "panagenda Upgrade Help" dialog shown if MCUpgradeMain is launched and MCUpgrade.ini cannot be found, is now displayed topmost.
CHANGE	Invalid/insufficient licensing will now fail silently (and send an SMTPEmail if so configured).
CHANGE	Removed DisallowRunMethod and DisallowRunDebugEnable
CHANGE	MCUpgradeMain will now return 42 if MCUpgrade.ini cannot be found.

Release 2020-06-06 - 11.0.29

	MCUpgrade.exe
FIX / CHANGE	A taskkill return code of 128 will no longer be handled as an error.
NEW	The progress bar can now be hidden/unhidden by double clicking on the tray icon.
NEW	The tray icon shown now also displays overall progress in percent.

Release 2020-06-04 - 11.0.28

	MCUpgrade.exe
FIX	Added support for long filenames when scanning folders with subfolders.

Release 2020-05-29 - 11.0.27

	MCUpgrade.exe
FIX	Fixed an issue where upgrade result emails contained MCUpgrade.log.zip twice.
FIX	Fixed an issue where SMTPEmails could not be sent with certain region settings on Windows 10.
NEW	MCUpgrade now supports sending emails via CDO, Blat and mailsend-go. By default, CDO.Message object is used - if it cannot be created/used, OR fails due to before mentioned regional settings in Windows, fallback is attempted to Blat. Blat does not support SSL; in such a case, fallback to mailsend-go.exe in the upgrade directory is attempted (must be deployed via config wizard/package).
NEW	Added a new option SMTPEmailer=cdo|blat|mailsend-go - defaults to not set leading to auto-detection of what works; if set, will exclusively (try to) use the specified emailer.

Release 2020-05-26 - 11.0.26

	MCUpgrade.exe
FIX	Fixed a possible error "The requested body part was not found in this message."
FIX	Fixed an issue where email from address was not filled in smtpinfo (progress tracking) emails.

Release 2020-05-26 - 11.0.25

	MCUpgrade.exe
FIX	Fixed an issue where the executables were not signed in 11.0.24.

Release 2020-05-25 - 11.0.24

	MCUpgrade.exe
FIX	Fixed an issue where shortcuts were removed after installing instead of as usual (introduced in 11.0.23).

Release 2020-05-25 - 11.0.23

MCUpgrade.exe	
NEW	MCUpgrade.exe now exits with $error_occurred exit code (0 = success, 1 = error). This is useful when launched via other software deployment tools to check for errors.
FIX	Fixed an issue with the progress bar possibly displaying text with "green shadows".
FIX	Fixed a rare issue where Upgrade would continue if the last checked hash was whitelisted, but previous ones were not.
FIX	Fixed an issue introduced in 11.0.22, where (MCU_)MultiUserCommonDir was computed including \shared.
FIX	Fixed an issue where old program directory was not cleaned up if it was empty.
FIX	Removed the "cannot open log file" messagebox for /smtpinfo option due to the possibility for parallel info mails.
ENHANCEMENT	Added logging of how many (un)install instructions were found.

MCShutdown.exe	
NEW	MCShutdown/Gracefulshutdown will now exit if no windows left, but processes run longer than GracefulShutdownNoWindowsButProcessesTimeout; defaults to 60.

MCKeyfileEditor.exe	
ENHANCEMENT	IniWriting and Deleting now also supports large MCUpgrade.ini sections or overall filesize.

Release 2020-05-19 - 11.0.22

MCUpgrade.exe	
NEW	Added a new option SkipNotesProgramDirectoryMigration=1
NEW	Added a new option SkipMultiUserDataDirectoryMigration=1
NEW	Added support to prefix NotesDataDirectoryNew with "%MCU_NotesDataDirectoryOld|" (case insensitive) for adding a second fallback value.
NEW	Added support to prefix NotesProgramDirectoryNew with "%MCU_NotesprogramDirectoryOld|" (case insensitive) for adding a second fallback value.
NEW	Added support to prefix MultiUserSharedDataNew with "%MCU_MultiUserSharedDataOld|" (case insensitive) for adding a second fallback value.
NEW	IniWriting and Deleting now also supports large MCUpgrade.ini sections or overall filesize.
NEW	Added support for %MCU_MultiUserBaseDir% and %MCU_MultiUserCommonDir%

Release 2020-04-22 - 11.0.21

MCUpgrade.exe	
FIX	Fixed an issue where all unzip logs were limited to 32,768 bytes - this did not affect any upgrade but could potentially lead to an issue in the MCUpgrade wizard, as well as missing information in MCUpgrade.log (related to unzipping). The limit is now 524,288 bytes.

Release 2020-04-07 - 11.0.20

MCUpgrade.exe

FIX	Fixed an undeclared variable error when merging non-ini files / files without a section via CopyTo... directories.

Release 2020-04-01 - 11.0.19

MCUpgrade.exe	
FIX	%ProgramFiles(x86)% is now always resolved as %ProgramFiles% on Windows 32 Bit.

Release 2020-03-11 - 11.0.18

MCUpgrade.exe	
FIX	Fixed an "undeclared variable" error for when starting but not stopping any services.
FIX	Fixed an issue with restoring pre-existing DisallowRun and RestrictRun entries.
FIX	Fixed an issue where InstallFinished and ...Failed Messageboxes were not displayed on top of the Splash Screen.
NEW	Added a new ini option ProgressbarAnimatedGIF=filepath|XOffset|YOffset
ENHANCEMENT	Improved caching of ini files.

Release 2020-02-18 - 11.0.17

MCUpgrade.exe	
FIX	Fixed an issue where sending of STMP Emails could result in an error "The requested body part was not found in this message."

Release 2020-02-18 - 11.0.16

MCUpgrade.exe	
FIX	Fixed a possible undeclared variable / variable must be of type object error for when CDO.Message object creation fails.

Release 2020-02-14 - 11.0.15

MCUpgrade.exe	
FIX	Fixed an issue where the /shutdown* parameters did not honor UpgradeLanguage
NEW	Added the following additional MCUpgrade.ini instructions: • Pre(Un)InstallSetRegistryKeyName • Pre(Un)InstallSetRegistryKeyValue • Post(Un)InstallSetRegistryKeyType • Post(Un)InstallSetRegistryKeyTypeValue This allows to set a registry value to TypeValue(s) of the following Types: • REG_SZ • REG_MULTI_SZ • REG_EXPAND_SZ • REG_DWORD • REG_QWORD • REG_BINARY

Release 2020-01-15 - 11.0.14

MCUpgrade.exe	
FIX	Fixed an issue where notes.ini migration ate a backslash (\) out of replaced ini entries matching old data, program or shared data directories.
FIX	Fixed an issue where notes.ini migration did not set a new shared datadirectory to .../shared, but the parent directory.
CHANGE	DeferralPrompt will from now on be suppressed automatically if NotesDataDirectoryOld and NotesProgramDirectoryOld are not set; can be overriden using DeferralPromptAutoSuppress=0

Release 2020-01-14 - 11.0.12

MCUpgrade.exe	
FIX / CHANGE	In addition to 3010, Install & Uninstall now also ignore 1605 errors (ERROR_UNKNOWN_PRODUCT), specifically for msiexec /x usage.

Release 2019-12-27 - 11.0.11

MCUpgrade.exe	
FIX	Fixed an issue where, when shortcut processing was passed an empty string (for whatever reason), the function would fail with an undeclared variable error message/dialog.
ENHANCEMENT	Improved logging for shortcut processing.
ENHANCEMENT	Ensured that the Desktop and Start Menu folders are only scanned once (e.g., when one or multiple previous user folder locations match current console session folder locations).

Release 2019-12-19 - 11.0.10

MCUpgrade.exe	
FIX	Fixed an issue where the new \\ skipping feature for shortcuts did not work.
FIX	Fixed an issue where a non existing shortcut directory lead to an error instead of proper skipping.

Release 2019-12-17 - 11.0.9

MCUpgrade.exe	
FIX	Fixed an issue with RunAsService, where if moving of files to safe directory failed, upgrade would "finish successfully" - this now correctly reports a failed upgrade.
FIX / CHANGE	Shortcuts will no longer be processed when running as system and the shortcut directory is on a network drive (= path begins with \\).

Release 2019-12-16 - 11.0.8

MCUpgrade.exe	
FIX	Fixed an issue where whitelisting for a section > 32KB did not work in MCUpgrade.exe and MCUpgradeMain.exe.

Release 2019-12-14 - 11.0.7

MCKeyfileEditor.exe, MCUpgrade.exe	
FIX	Fixed an issue where whitelisting did not work if the [Whitelisting] section exceeded 32KB
FIX	Fixed an issue where the whitelist editor did not work for "msiexec /x ..." instructions

Release 2019-11-27 - 11.0.6

MCUpgrade.exe	
NEW	Added a new MCUpgrade.ini option (Un)InstallExecDumpProcessListAfterEarly###=1 - dumps process list after execution of corresponding (un)installexec instruction (before waittime, if applicable).
NEW	Added a new MCUpgrade.ini option (Un)InstallExecWaitForProcessAfter###=p1.exe|p2.exe ... - specify to wait for processes to close before continuing.
NEW	Added a new MCUpgrade.ini option (Un)InstallExecWaitTimeForProcessAfter###=n - specify number of seconds to wait for processes to hopefully close before continuing; defaults to 60, only relevant if WaitForProcessAfter is specified.
NEW	Added a new MCUpgrade.ini option (Un)InstallExecCheckProcessHandlesAfter###=p1.exe|p2.exe ... - specify to dump list of open file handles in use by the specified process(es).

Release 2019-11-13 - 11.0.5

MCShutdown.exe	
FIX / CHANGE	MCShutdown no longer registers ThreadExecutionState registration which was previously preventing sleep mode.

Release 2019-11-12 - 11.0.4

MCShutdown.exe	
FIX / CHANGE	MCShutdown.exe no longer registers / responds to WM_POWERBROADCAST messages, which lead to preventing hibernation /sleep mode.

Release 2019-11-05 - 11.0.3

MCUpgrade.exe	
FIX	Fixed an undeclared variable error in case neither notes data old and new directories were specified in MCUpgrade.ini.
ENHANCEMENT / CHANGE	MCUpgrade.ini is now updated in zip before sending final result email file to reflect all updates during run.

Release 2019-10-29 - 11.0.2

MCUpgrade.exe	
FIX	Fixed an issue where running FREE MCUpgrade via Service would fail because of attempting to check and enforce the splash screen in the wrong directory.
FIX	Fixed an issue where in case the splash screen could not be checked and/or enforced for FREE MCUpgrade, the progress bar would not be closed on exit.
FIX	Fixed a log message stating that the free license supported upgrades to 10.0.1 fp1, where in fact it is fp2, too - this was only a visual/logging issue.

ENHANCEMENT	Added additional logging for in case opening and setting read mode of progress bar pipe failed.
ENHANCEMENT / CHANGE	UpgradeDirectory= will now always be set every time when an Upgrade is invoked via the panagenda Installer Service.
CHANGE	Changed previous error message to info message for when attempting to start an already started Service.
CHANGE	Changed previous error message to info message for when attempting to stop a Service which is not running.

Release 2019-10-17 - 11.0.1

MCUpgrade.exe	
FIX	Added error handling in case CDO.Message object cannot be created.

Release 2019-09-16 - 11.0.0

MCUpgrade.exe	
FIX / CHANGE	Known command line parameters (e.g. /smtp*, /sha, /pbartest etc.) will now exit silently - in other words, not send emails, nor execute SuRunAsExec* et al when exiting.

MCUpgradeMain.exe	
CHANGE	KillProcessWaitTime now defaults to 1 instead of 0.
ENHANCEMENT	Added searching for HCL subdirectories (in addition to the already searched for Lotus and IBM subdirectories) under localappdata for multiuser data directory migration (when applicable).