

# MC 12.0 - 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 12.0](#)

## Releases in reverse chronological order:

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## Release 2021-11-22 - 12.0.20

| MCUpgrade                   |   |
|-----------------------------|---|
| <b>FIX</b>                  | Fixed an issue where when using ProgressBarCinema=1, a custom progress bar splash was always overwritten; it is now only replaced if it exists and is not 600x607 pixels  |
| <b>FIX</b>                  | Fixed an issue where the progress bar did not update fast enough when many updates where done in very short time  |
| <b>FIX</b>                  | Fixed an issue where appdata\local was migrated to new data directory if the old data directory was under appdata\local but did not end with "\data"  |
| <b>CHANGE</b>               | The default for ini:RestoreNetworkDriveMappingsOption has been changed from 0 to 1 from now on = current user only instead of permutation   |
| <b>CHANGE / ENHANCEMENT</b> | RestoreNetworkDriveMappings now also honors ini:LogonDomains  |
| <b>CHANGE / ENHANCEMENT</b> | The Windows Desktop is now also refreshed before taking the preview snapshot  |
| <b>CHANGE / ENHANCEMENT</b> | LogonDomains now defaults to @LogonDomain @LogonDNSDomain @ComputerName @ComputerDomain (set to 0 to disable)   |
| <b>ENHANCEMENT</b>          | Added @ComputerDomain to ini:LogonDomains as an additional filter option (from HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters\Domain)<br>Also added logging of computerdomain after "running as" information |
| <b>ENHANCEMENT</b>          | @ComputerDomain can now also be used in the mcu keyfile (similar to @ComputerName)  |

## Release 2021-10-19 - 12.0.19

| MCUpgrade |
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| <b>NEW</b>                  | MCUpgrade is now also <b>ready for Windows 11</b><br>MCUpgrade.log will now also correctly state "Running on WIN_11", if applicable<br>The executable now also includes its own upgrade shortcut icon, which is used by default instead of Icon 249 from shell32.dll<br>(Microsoft decided to replace the icon number 249 in Windows 11 with a clock icon) |
| <b>FIX</b>                  | The GracefulShutdown Notice dialog will now automatically close immediately if the client is closed whilst the dialog is displayed   |
| <b>FIX</b>                  | The GracefulShutdown Notice dialog will now automatically close at the end of the elapsed time   |
| <b>FIX</b>                  | Fixed an issue where the progress bar showed "Processing Shortcuts", where it was in fact already running Windows Defender instructions  |
| <b>CHANGE / ENHANCEMENT</b> | GracefulShutdown is now automatically enabled if DeferralPrompt is disabled  |
| <b>ENHANCEMENT</b>          | The first GracefulShutdown Retry dialog will now display after 15 seconds, if no windows are found or the topmost window does not have any buttons   |
| <b>ENHANCEMENT</b>          | The shortcut icon displayed in dialogs is now 64x64 pixels instead of the previous 32x32   |
| <b>ENHANCEMENT</b>          | MCUpgrade.log will now also log the current Windows build  |
| <b>ENHANCEMENT</b>          | All MCUpgrade message boxes will now display the Re-Run shortcut icon  |

## Release 2021-10-13 - 12.0.18

| <b>MCUpgrade</b>    |  |
|---------------------|--|
| <b>FIX</b>          | Fixed a rare issue where MCUpgradeMain ended abruptly with exit code -1073741819 (c0000005) during setting of folder security permissions  |
| <b>FIX</b>          | Fixed an issue where the MCUpgrade 25 Free license did not support local administrator accounts - MCUpgrade 25 Free now also checks for the domain of the console session user   |
| <b>FIX / CHANGE</b> | When the data directory is migrated to a new target folder that is not in "AppData\Local", Everyone will be granted access, instead of the SID of the console session user<br>Furthermore, inheritance is disabled for the data folder itself then, and enabled for all subfolders and files |

## Release 2021-10-11 - 12.0.17

| <b>MCUpgrade</b>   |   |
|--------------------|---|
| <b>FIX</b>         | Fixed an issue where MCUpgrade erroneously stated that the whitelist was tampered with on Windows with e.g., Czech language |
| <b>ENHANCEMENT</b> | Added support for Cinema Resources in combination with UpgradeDirectory<>"%PUBLIC%\MCUpgrade"                               |

## Release 2021-08-13 - 12.0.16

| <b>MCUpgrade</b>            |   |
|-----------------------------|---|
| <b>FIX</b>                  | Hopefully fixed StdOut and StdErr parsing for good  |
| <b>FIX</b>                  | Fixed an issue where the wrong splash screen was loaded when launching the progress bar in cinema mode on Windows < 10 (Cinema mode requires Windows >= 10)                 |
| <b>FIX / CHANGE</b>         | Changed log file backup (e.g., rcplauncher, jvmpatcher etc.) during (un)install to go directly into the logs folder   |
| <b>FIX / CHANGE</b>         | Before carrying out any WindowsDefender instructions, MCUpgrade now checks for whether the service is running; get-MpComputerStatus could otherwise result in a freeze/hang |
| <b>CHANGE / ENHANCEMENT</b> | Removed superfluous "Scanning" lines from MCUpgrade.log, bloating it unnecessarily  |

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| <b>ENHANCEMENT</b> | Added current user OS language detection if UpgradeLanguage is not specified  |
| <b>ENHANCEMENT</b> | Added support for MCUpgradeProgress(_lang).html - if UpgradeLanguage is set and a _lang.html does not exist, MCUpgradeProgress.html is used |

## Release 2021-07-23 - 12.0.15

| <b>MCUpgrade</b> |   |
|------------------|---|
| <b>FIX</b>       | The WindowsDefender check for .AMServiceEnabled<>false and .AMRunningMode<>"Not running" is now only performed if any of the WindowsDefender* options are set |
| <b>FIX</b>       | If checking .AMServiceEnabled<>false and .AMRunningMode<>"Not running" fails, the overall result is no longer error, but success with errors                  |
| <b>FIX</b>       | Fixed an issue with StdOut parsing which would not always properly convert umlauts and other special characters   |

## Release 2021-07-14 - 12.0.14

| <b>MCUpgrade</b>   |  |
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| <b>INFO</b>        | Miss 12.0.13? We didn't want to do 13, because black cats and Fridays.   |
| <b>FIX</b>         | Fixed an issue where the Windows desktop preview was not displayed when running as system with console session                               |
| <b>FIX</b>         | Fixed an issue where the optional GracefulShutdownCancelMessage did not display (if enabled) due to the messagebox being too small           |
| <b>ENHANCEMENT</b> | Any messageboxes displayed when running via service/system are now also beautified (except for - so intended - failed install message boxes) |
| <b>ENHANCEMENT</b> | The InstallFinished* message box is now also beautified when used in combination InstallFinishedTimeout                                      |
| <b>ENHANCEMENT</b> | WindowsDefender is now only configured if .AMServiceEnabled<>false and .AMRunningMode<>"Not running"   |

## Release 2021-07-07 - 12.0.12

| <b>MCUpgrade</b>   |  |
|--------------------|--|
| <b>FIX</b>         | Fixed an issue where elevation with multiple usernames passwords domains would fail if MCUpgradeMain ran into an error or was killed   |
| <b>FIX</b>         | Fixed an issue where compacting templates only would still render an invisible password prompt   |
| <b>FIX</b>         | Fixed an issue where compacting templates only would result in error 4771 instead of 0/success   |
| <b>FIX</b>         | Fixed an issue where compacting templates did not work due to missing working directory  |
| <b>ENHANCEMENT</b> | Added a new ini option CoptimCompactTemplatesTimeout; defaults to -1 (=no timeout), set to number of seconds after which CoptimCompactTemplates shall no longer wait for compact to finish<br>NOTE: If used, we strongly suggest a minimum value of 300 = 5 minutes just to be on the safe side, especially when installing many languages |

## Release 2021-07-05 - 12.0.11

| <b>MCUpgrade</b>         |   |
|--------------------------|---|
| <b>FIX</b>               | Fixed an issue where a rerun info messagebox was displayed, even if ReRunShortcutName was not set |
| <b>FIX / ENHANCEMENT</b> | DetectNotesClientFolders is now also applied when running MCUpgrde directly via SYSTEM/Service    |

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| <b>ENHANCEMENT</b> | DetectNotesClientFolders now resolves symlinks   |
| <b>ENHANCEMENT</b> | Silent client shutdown is now executed when running MCUpgrde directly via SYSTEM/Service |
| <b>ENHANCEMENT</b> | Added display of version information to MCKeyfileEditor                                  |

## Release 2021-07-03 - 12.0.10

| <b>MCUpgrade</b>         |  |
|--------------------------|--|
| <b>FIX / ENHANCEMENT</b> | Added IBM\Lotus\Notes to fallback Data directory detection   |
| <b>FIX / ENHANCEMENT</b> | Added removal and unpinning of pinned Windows start menu shortcuts (previously, only taskbar shortcuts were unpinned)  |
| <b>NEW</b>               | Added old Notes client detection if BOTH NotesProgramDirectoryOld AND NotesDataDirectoryOld are not specified or do not exist; this can be disabled by setting DetectNotesClientFolders=0<br>If multiple Notes client folders are found the folders of the client with the newest last modified %notes_data%\names.nsf will be used; set DetectNotesClientFoldersNewest=0 to disable |

## Release 2021-06-24 - 12.0.9

| <b>MCUpgrade</b>   |  |
|--------------------|--|
| <b>FIX</b>         | Fixed an issue where MCKeyFileEditor would prompt for unsaved changes in case of multiple values for username, passwords and/or domain names, even if changes were already saved   |
| <b>FIX</b>         | Fixed an issue where MCUpgrade_language.ini files were not always read as UTF-8, leading to wrong display in message boxes and/or the progress bar   |
| <b>ENHANCEMENT</b> | Added support for PermutatedLogon=-1 to prevent username and domain name permutation; requires same number of values for username, passwords AND domains   |
| <b>ENHANCEMENT</b> | Added a new MCUpgrade.ini option LogonDomains; defaults to not set, set to e.g. @LogonDomain @LogonDNSDomain @ComputerName to ONLY switch to .mcu accounts matching the corresponding domains<br>NOTE: @LogonDomain @LogonDNSDomain @ComputerName can be used literally; they are replaced by a user's corresponding values at runtime |

## Release 2021-06-23 - 12.0.8

| <b>MCUpgrade</b>   |  |
|--------------------|--|
| <b>FIX</b>         | Fixed an issue where compacting templates without Workspace Optimization would render an invisible password prompt and lead to MCUpgrade hanging infinitely  |
| <b>FIX</b>         | Fixed an issue where Create_R12_Databases was not automatically carried over   |
| <b>FIX</b>         | Fixed an issue where workspace optimization failed when using a custom plugin_customization.ini; MCUpgrade now secures plugin_customization.ini after all installs, before CopyTo*, uses the secured version for workspace optimization and restores the one resulting from CopyTo* thereafter |
| <b>FIX</b>         | Fixed an issue where MCKeyFileEditor would prompt for unsaved changes in case of multiple values for username, passwords and/or domain names, even if changes were already saved   |
| <b>ENHANCEMENT</b> | Added a new ini option WindDefenderExcludeForce to force re-applying WindowsDefender settings irregardless of last memorized hash  |

## Release 2021-06-18 - 12.0.7

| <b>MCUpgrade</b> |  |
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| <b>FIX</b>         | Fixed an issue where the new ProgressbarCinema would prompt to enable active content  |
| <b>FIX</b>         | Fixed an issue where languages with non ANSI=UTF-8 content would not be properly displayed in the progress bar or log   |
| <b>FIX</b>         | <b>Fixed an issue where %localappdata% was replaced with Default user folder, even if it did not resolve as C:\WINDOWS\system32\config\systemprofile\AppData\Local</b><br><b>This is an important fix for customers upgrading via SYSTEM/Service with MCUUpgrade &gt;= 12.0.2</b> |
| <b>FIX</b>         | Fixed an issue where files in the stage directory where always claimed to be wrong from a user perspective during whitelisting; this issue was introduced in 12.0.6   |
| <b>FIX</b>         | Fixed an issue where a missing or wrong/missing old data directory would not fallback to IBM\Notes\Data or Lotus\Notes\Data, if existing<br>The Notes client will effectively launch using the IBM or Lotus data directory if it cannot find the HCL\Notes\Data one.              |
| <b>ENHANCEMENT</b> | Due to Fixpack installers failing, if the Temp Directory contains a blank, OS TEMP and TMP are automatically set to C:\Windows\Temp if it exists, fallback MCUUpgradeDirectory  |
| <b>CHANGE</b>      | ProgressbarCinema is disabled for Windows < 10  |

## Release 2021-05-28 - 12.0.6

| <b>MCUpgrade</b>   |  |
|--------------------|--|
| <b>FIX</b>         | Fixed an issue where whitelisting would not work when using SetEnvvalue  |
| <b>ENHANCEMENT</b> | WinDefenderExcludes are now only re-applied if different from last applied changes; these are memorized in the registry as a checksum in HKEY_LOCAL_MACHINE\SOFTWARE\panagenda\MarvelClient\Upgrade\WinDefenderExcludeLast |

## Release 2021-05-26 - 12.0.5

| <b>MCUpgrade</b>        |  |
|-------------------------|--|
| <b>NEW</b>              | Added a new ini option WindDefenderExcludeDefaults; defaults to 0/not set, set to 1 to enable best practice exclusions   |
| <b>NEW</b>              | Added a new ini option WindDefenderExcludePath###; set up to 999 paths to exclude, can be combined with WindDefenderExcludeDefaults<br>NOTE: %localappdata% is automatically replaced with C:\Users\*\Appdata\Local in accordance with log output for USERPROFILES = and OSLOCALAPPDATA SUFFIX = |
| <b>NEW</b>              | Added a new ini option WindDefenderExcludeProcess###; set up to 999 processes to exclude, can be combined with WindDefenderExcludeDefaults   |
| <b>NEW</b>              | Added a new ini option DeferralPromptIfLaunchedDirectly; defaults to 1, set to 0 to disable deferral prompt when launching MCUUpgrade directly via Windows Explorer or Desktop   |
| <b>FIX</b>              | Fixed an issue where launching MCUUpgrade.exe directly from desktop/shortcut/explorer would not do anything with deferral set to 1 (=daily)  |
| <b>CHANGE / REMOVED</b> | MCUpgrade no longer supports free licenses to upgrade to 10.0.1(FP2); this is now entirely replaced with MCUUpgrade 25 Free  |

## Release 2021-05-19 - 12.0.4

| <b>MCUpgrade</b> |   |
|------------------|---|
| <b>FIX</b>       | Fixed an undeclared variable error introduced in 12.0.3 with the progress wizard splash |

## Release 2021-05-19 - 12.0.3

| <b>MCUpgrade</b> |  |
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| <b>FIX</b>         | Fixed an issue where the (Re)Run Notes Client Upgrade Shortcut was never translated  |
| <b>FIX</b>         | Fixed an issue where the progress bar would not properly update for processes running longer than 100 seconds during Coptim /Woptim Optimization       |
| <b>FIX</b>         | Fixed an issue in MCKeyfileEditor which did not always detect missing zip files as part of install instructions during publishing from Config database |
| <b>ENHANCEMENT</b> | Zip progress is now only displayed for files added, which are > 1 MB   |

## Release 2021-05-05 - 12.0.2

| <b>MCUpgrade</b>   |  |
|--------------------|--|
| <b>FIX</b>         | Fixed an issue where, when upgrading as SYSTEM, %localappdata% was possibly still resolved as C:\WINDOWS\system32\config\systemprofile\AppData\Local; in such a case it will now always be resolved as Default user localappdata |
| <b>ENHANCEMENT</b> | Improved logging for shortcut creation with additional lines for system and shell notifications  |
| <b>ENHANCEMENT</b> | *SetRegistryKeyOption### now also supports %MCU_Merge% and %MCU_Unmerge%, optionally with separator suffix e.g., %MCU_Merge%, (separator defaults to @LF(@) for REG_EXPAND_SZ and to ; for all other *_SZ value types)           |
| <b>ENHANCEMENT</b> | ENHANCEMENT: Added a new ini option SetEnvOption, which can now be set to %MCU_Merge% or %MCU_Unmerge%, optionally with separator suffix e.g., %MCU_Merge%, (separator defaults to ;)  |

## Release 2021-04-29 - 12.0.1

| <b>MCUpgrade</b>                  |   |
|-----------------------------------|---|
| <b>FIX</b>                        | Fixed an issue where all rcplauncher, jvmpatcher and similar files were all attached / stored as rcplauncher_datetime.log, instead of filename_datetime.log   |
| <b>FIX</b>                        | Fixed an issue where, when running via SYSTEM outside of %ProgramFiles(x86)%\panagenda\MCUpgrade, the MCUpgrade.dll would not be deployed to UpgradeDirectory (if not present in %ProgramFiles(x86)%\panagenda\MCUpgrade)   |
| <b>FIX</b>                        | Fixed an issue where, when running via SYSTEM without console session, the first migrated notes.ini during multiuser migration had the wrong Directory= entry   |
| <b>FIX</b>                        | Fixed a minor issue where we would scan %ProgramData% twice during MultiUser Shared Data Cleanup  |
| <b>FIX</b>                        | Fixed an issue where, when upgrading using the panagenda Installer Service, old MCUpgrade*.dll files were not updated   |
| <b>FIX / CHANGE / ENHANCEMENT</b> | backup\index.txt (re)creation has been enhanced to better/properly memorize a non-existent/not specified/not auto detected NotesIniFileOld<br>In addition, backup\index.txt will be preserved unchanged across runs - any missing files (whether source or index) will be handled during roamback |

## Release 2021-04-28 - 12.0.0

| <b>MCUpgrade</b>   |  |
|--------------------|--|
| <b>ENHANCEMENT</b> | MCUpgrade will now also resolve %ProgramFiles% for future 64 bit Notes client installs   |
| <b>FIX</b>         | Fixed an issue where, when running via SYSTEM without console session, getting folders via best efforts would compute the wrong localappdata folder and appdata suffix |
| <b>FIX</b>         | Fixed an issue where, when running via SYSTEM without console session, getting folders via last logged on user would never work due to a superflous backslash          |
| <b>FIX</b>         | Fixed an issue where, when running via SYSTEM without console session, the log would stop after running another program  |
| <b>FIX</b>         | Fixed an issue where, when running via SYSTEM outside of %ProgramFiles(x86)%\panagenda\MCUpgrade, the MCUpgrade.dll would not always be used in the UpgradeDirectory   |

**FIX / CHANGE**

The MCUpgrade\*.dlls, MCKeyfileEditor\*.dlls and the panagendaInstallerService have been signed with a new certificate  
All components with an expired certificate will be re-deployed automatically, if necessary