

Special Option to enable but not deploy MarvelClient Essentials

For Notes and Domino V12, please continue with [Enabling MarvelClient Essentials from the Domino Directory](#).

The below instructions describe how to enable in an environment with HCL Notes clients $\geq 10.0.1$ and < 12 .

For Notes 9.x clients, you need to also deploy the client binaries - in that case, please see [Rollout of panagenda MarvelClient to Multiple End Users](#).

HCL Domino Policies

To enable the readily included client component in HCL Notes 10.0.1 and up using HCL Domino Policies, simply create a desktop settings policy (or add to an existing one) as follows:

1.) Click on the Custom Settings tab. On the notes.ini tab, enter

Item: \$MarvelClientEnabledViaPolicy

Value: 1

NOTE: The \$MarvelClientEnabledViaPolicy item name does not have any particular meaning or serve any purpose as such - you could also set "ChuckNorrisLovesMC" to 1. What you cannot do is use EXT_MGR_ADDINS as the item name, since it must be in the specific formula exclusively.

2.) Click on Add/Modify Value >> to add the new setting to the list of notes.ini entries to manage (3).

The screenshot shows the Domino Policy editor interface. On the left, under "Setting to add or modify", the "Item" field contains "\$MarvelClientEnabledViaPolicy" and the "Value" field contains "1". There are checkboxes for "Enforce" and "Set Initial Value", both of which are unchecked. A red circle with the number "1" is placed over the "Item" field. In the center, there are three buttons: "Add/Modify Value >>", "<< Remove", and "<< Remove all". A red circle with the number "2" is placed over the "Add/Modify Value >>" button. On the right, under "Add these Notes.ini settings to users' desktops:", there is a list box containing the entry "\$MarvelClientEnabledViaPolicy=1". A red circle with the number "3" is placed over this list box.

Next, click on OK and then enter the following Machine specific formula (thank you to Alex Marocchi from Leitstelle Tirol for the SetOnce tip on Sep 26, 2019):

```
@if(@lowercase(@left(@platform;3))="mac";  
"EXTMGR_ADDINS=libpmc.dylib: SetOnce";  
@lowercase(@left(@platform;3))="win";  
"EXTMGR_ADDINS=pmc.dll: SetOnce";"
```

The screenshot shows the Domino Desktop Settings policy configuration. The title is "Desktop Settings : Pref Lockdown". The navigation tabs include "Basics", "AUT", "Smart Upgrade", "Applications", "Widgets", "Dial-up Connections", "Accounts", "Diagnostics", "Custom Settings", and "Administration". The "Notes.ini" tab is selected. The "Add these Notes.ini settings to users' desktops:" section contains the entry "\$MarvelClientEnabledViaPolicy=1". Below this, the "Machine specific formula below:" section contains the formula:

```
@if(@lowercase(@left(@platform;3))="mac";  
"EXTMGR_ADDINS=libpmc.dylib: SetOnce";  
@lowercase(@left(@platform;3))="win";  
"EXTMGR_ADDINS=pmc.dll: SetOnce";"
```

There are buttons for "Check Syntax" and "Edit list..".

Save and close the policy document.

NOTE: if you are adding to an existing Policy and there is already a machine specific formula, then you need to adjust the formula accordingly or simply create a new desktop settings Policy document.

NOTE: the above configuration will remove any other registered EXTMGR_ADDINS – Policies cannot add to already existing entries. If you need to preserve existing entries, please use one of the following two options:

Mailbased Install or (Mailbox or other database's) PostOpen Script



Important

Before carrying out the below steps, please ensure that the design of the MarvelClient Config database is dated 20181122* or newer

The current version can be checked by clicking on the "About" link in the bottom right corner of the MarvelClient Config database, or via the Notes client menu Actions>About.
If your current version is < 20182211*, please run an Online Update via Administration\Online Update and close and re-open the database thereafter.

If your MarvelClient Config database is newer than 20182211*, you can simply create a MarvelClient Installation document as follows:

- 1.) Create a new Installation document via Administration\Installation New Install
- 2.) Select whether you want to create emails with installation code or a PostOpen script for e.g., the mailfile template

Install Type? Mailbased Install Mailbox Postopen Script

Mailbased Install

- 3.1.) Review all fields and adjust as wanted; the following instructions only cover the most important ones:
- 3.2.) Choose whether you want to send out emails with a stored form (recommended) or button:

Please choose a Setup Type: Button Stored Form

Button=Users must open email and click on button therein
Stored Form=Installation starts immediately when user opens email - users do not have to click any buttons (Users for which stored Forms are not allowed in their Mailfile will receive the email with a button they can then click)

- 3.3.) Specify a subject for the email to be sent (ideally one that makes users open/read the email), together with one or multiple recipients (people and/or groups):

email Subject: [Payraise!]
SendTo: [florian vogler/panagenda]

- 3.4.) Choose one or multiple target platforms, for which you wish to enable MarvelClient Essentials:

Target platform? Windows/32 Linux Mac (OS X) Mac64 (OS X)

NOTE: MarvelClient Essentials is available for Windows and Mac 64 bit "only".

- 3.5.) Select the desired install behavior on Citrix - this is either "Run on Citrix but do not deploy any files" (recommended) or "Do not run install on Citrix":

Citrix? Run full install on Citrix (not recommended) Run on Citrix but do not deploy any files Do not run install on Citrix

- 3.6.) The options "Mailfile Owner", "Repeatable after successful installation" and "Repeatable after failed installation" are important to think through:

In general we recommend to check both "Repeatable*" options, as usually installations only fail when a user is offline when reading the install email, and users often have more than one machine, so allowing them to repeatedly use the install mail on multiple clients is needed.

Checking the "Mailfile Owner" option is a good idea, if all users have their own personal mailfile, to prevent installation by delegates from within other people's mailfiles.

Mailfile Owner?	<input type="checkbox"/> Only run this install for the owner of the mailfile from where it is opened
Message on success:	panagenda MarvelClient was installed successfully - please restart IBM Notes.
Message on fail:	Install of panagenda MarvelClient failed - please contact Helpdesk.
Send Logs back to:	...
Repeatable after successful inst.?	<input checked="" type="checkbox"/> Run Installation every time - even if installation was successful
Repeatable after failed install?	<input checked="" type="checkbox"/> Run Installation every time - even if installation failed

Also, it's a good idea to specify an email address to send logs back to - for smaller deployments this could be your personal email address, for larger deployments with thousands of users you may wish to use a mail-in database.

3.7.) Specify on which server the MarvelClient client component can find the MarvelClient config database:

Which server shall clients synchronize with?:

- Use %notes_homeserver% to synchronize
- Specify one server for all users to synchronize
- Get the server to synchronize from Domino directory

In larger deployments it is recommended to use the first "Use %notes_homeserver% to synchronize" option to ensure that each client opens the MarvelClient config database on the mailserver of each end user.

For testing and smaller deployments, you may want to specify a dedicated server name through the second option.

3.8.) Enter the filepath of the MarvelClient Config database on the server chosen under 3.7. - for a standard install this is

panagenda\pmc_config.nsf

Path and filename of configuration database ("panagenda.nsf"):

panagenda\pmc_config.nsf

3.9.) The "Target directory" option can be ignored as we will not be adding/deploying and client binary files:

Target directory for program files?:

- IBM Notes PROGRAM Directory
- IBM Notes DATA Directory
- IBM Notes DATA Directory AND ALL USERS COMMON DATA Directory

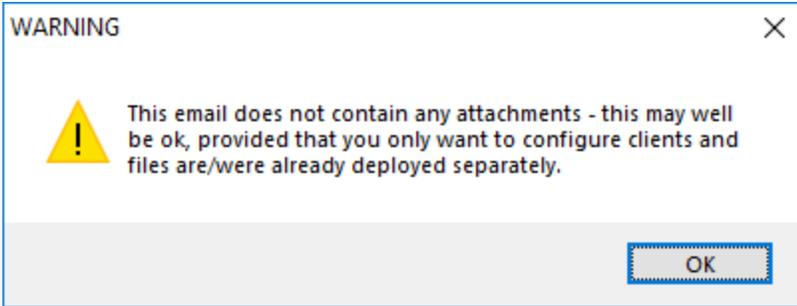
3.10.) Make sure that you specify **pmc.dll** as the Microsoft Windows target file name and **libpmc.dylib** as the Apple Intel macOS 64 bit file name:

Program File Names:	Windows 1 panagenda standard for Windows clients [mc.dll] pmc.dll	Linux/Unix panagenda standard for Linux/Unix clients [libmc.so]	Mac (OS X) panagenda standard for Mac (OS X) clients [libmc.dylib]	Mac (OS X) 64 bit 2 panagenda standard for Mac (OS X) 64 bit clients [libmarvelclient.dylib] libpmc.dylib
Program Files:	... will be detached to the directory specified above as the target directory for the program files (*.dll for Windows, *.so for Linux, *.dylib for Mac OS X)			

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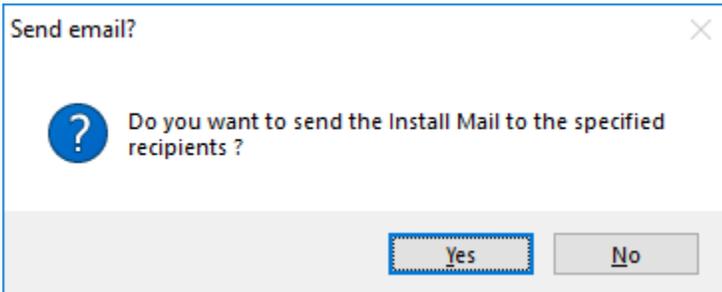
NOTE: Please do NOT attach any program files via the "+" button - the goal is to create an install document that does not deploy any binaries, but only enables them.

3.11.) Upon saving the document, the following warning is displayed:



Since this is exactly what we want to do, you can click on OK.

3.12.) Next, you will be prompted whether you want to send out the install mail according to your configuration:



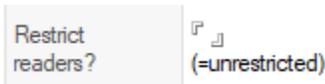
Click Yes whenever you are ready to send out the install mail.

After closing the document, you can return to it and re-use it any time to adjust the configuration or specify new recipients.

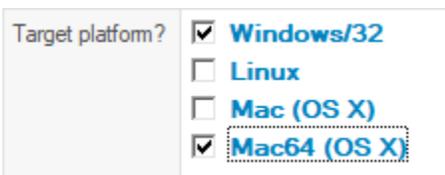
(Mailbox or other database's) PostOpen Script

4.1.) Review all fields and adjust as wanted; the following instructions only cover the most important ones:

4.2.) If you wish to add the install code to e.g. the mail template, but only want to test installation with select users or groups first, simply enter the corresponding user names and/or groups into the "Restrict Readers" field:



4.3.) Choose one or multiple target platforms, for which you wish to enable MarvelClient Essentials:



NOTE: MarvelClient Essentials is available for Windows and Mac 64 bit "only".

4.4.) Select the desired install behavior on Citrix - this is either "Run on Citrix but do not deploy any files" (recommended) or "Do not run install on Citrix":



4.5.) In general it's a good idea to specify an email address into the field "Send logs back to" - for smaller deployments this could be your personal email address, for larger deployments with thousands of users you may wish to use a mail-in database.

4.6.) Specify on which server the MarvelClient client component can find the MarvelClient config database:

Which server shall clients synchronize with?:

- Use %notes_homeserver% to synchronize
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In larger deployments it is recommended to use the first "Use %notes_homeserver% to synchronize" option to ensure that each client opens the MarvelClient config database on the mailserver of each end user.

For testing and smaller deployments, you may want to specify a dedicated server name through the second option.

4.7.) Enter the filepath of the MarvelClient Config database on the server chosen under 4.6. - for a standard install this is

panagenda\pmc_config.nsf

Path and filename of configuration database ("panagenda.nsf"):

panagenda\pmc_config.nsf

4.8.) The "Target directory" option can be ignored as we will not be adding/deploying and client binary files:

Target directory for program files?:

- IBM Notes PROGRAM Directory
- IBM Notes DATA Directory
- IBM Notes DATA Directory AND ALL USERS COMMON DATA Directory

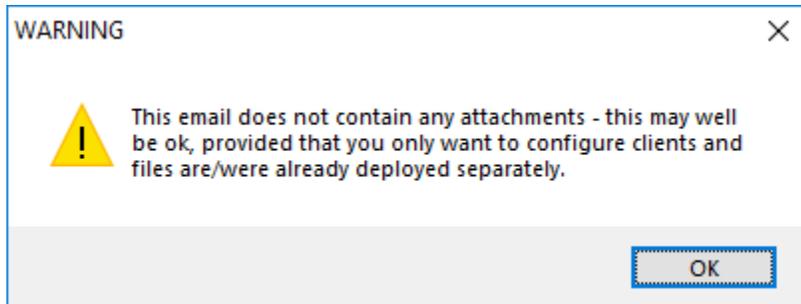
4.9.) Make sure that you specify **pmc.dll** as the Microsoft Windows target file name and **libpmc.dylib** as the Apple Intel macOS 64 bit file name:

Program File Names:	Windows 1	Linux/Unix	Mac (OS X)	Mac (OS X) 64 bit 2
	panagenda standard for Windows clients [mc.dll]	panagenda standard for Linux/Unix clients [libmc.so]	panagenda standard for Mac (OS X) clients [libmc.dylib]	panagenda standard for Mac (OS X) 64 bit clients [libmarvelclient.dylib]
Program Files:	... will be detached to the directory specified above as the target directory for the program files (*.dll for Windows, *.so for Linux, *.dylib for Mac OS X)			

3 +

NOTE: Please do NOT attach any program files via the "+" button - the goal is to create an install document that does not deploy any binaries, but only enables them.

4.10.) Upon saving the document, the following warning is displayed:



Since this is exactly what we want to do, you can click on OK.

4.11.) Click on "Generate PostOpen Script" on the top right of the document and follow instructions in the remarks at the top of the generated code.

Should you want to embed the code into a different database (e.g., the phone book application or similar that all end users access on ideally a daily basis or even more often), then you can simply paste the code into Code\Database Script of that application and insert MC_Install into the PostOpen section.

You can also add the code to the Database Script and PostOpen event of bookmark.ntf on client deployments, if you do not have a central database that all your end users access frequently. In this case, you would have to deploy the code to all bookmark.ntf files across your clients (for multiuser setup, don't forget the mui subfolders) and trigger a design update by deleting TemplateSetup from notes.ini.

After closing the document, you can return to it and re-use it any time to update the configuration and code if needed.

NOTE that when you update the configuration, you must also update the code in the corresponding database/template.