

MarvelClient Essentials

Notes Client Infrastruktur Analyse

Marc Thomas, panagenda

Some Hardfacts

- Started with IBM (Lotus) in the last millennium
- Owner of a bunch of certificates including a drivers license and something the germans call „Seepferdchen“

Experienced in..

- Collaboration Backend Infrastructure
- IBM Notes Client Management / Deployment
- Process Management



Marc Thomas

MarvelClient Essentials Hands-on **Agenda**

- Was – ist MarvelClient Essentials
- Warum – brauche ich MarvelClient Essentials
- Wie – richte ich MarvelClient Essentials ein

- Woher – erhalte ich MarvelClient Essentials



MarvelClient Essentials Hands-on

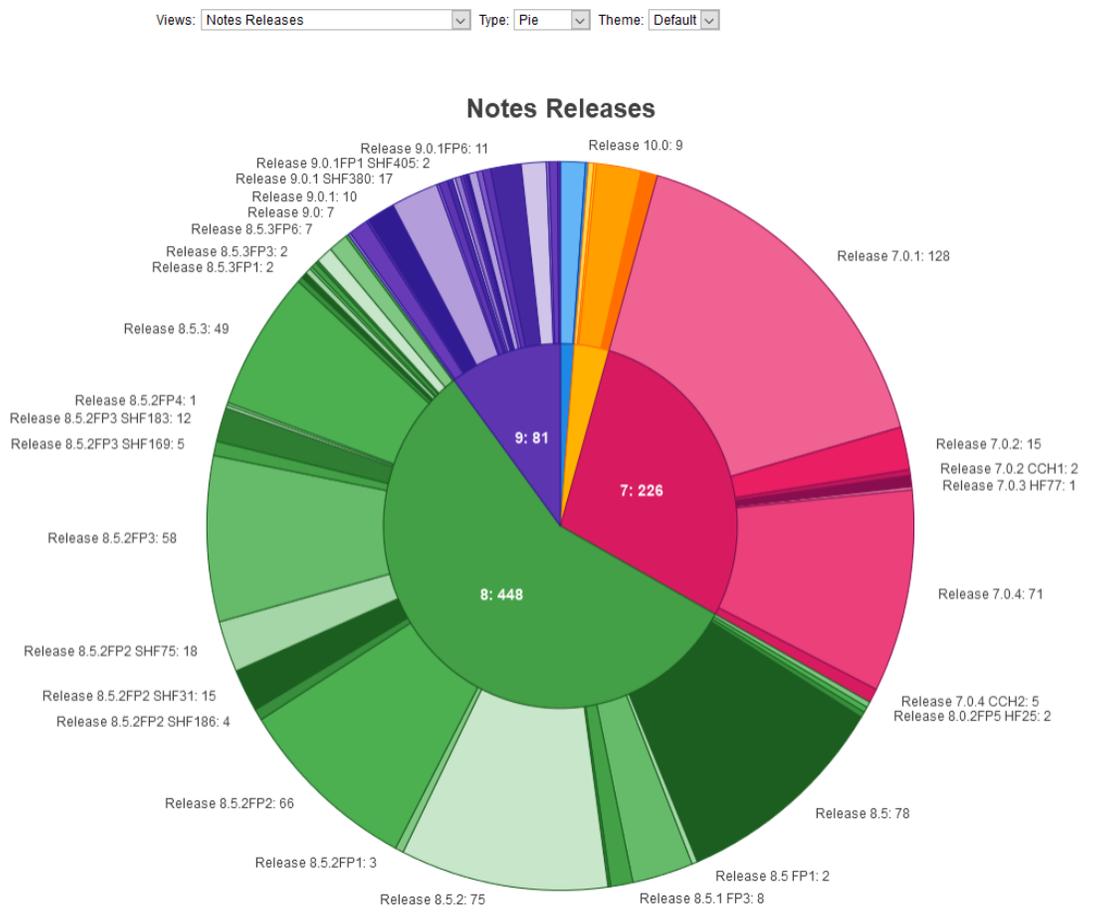
Was – ist MarvelClient Essentials (MCE)

- Der MarvelClient ist **das** Werkzeug zum Management von Notes Clients. (kostenpflichtig)
- In der Variante MarvelClient Essentials erhalten Sie ausgewählte Funktionen des MarvelClient´s (**kostenfrei**).
- MCE läuft auf allen Notes Client und Domino Plattformen die von IBM supported sind.
- MCE besteht aus zwei Server-seitigen Datenbanken und einer lokalen Binary (dll,dylib)

MarvelClient Essentials Hands-on

Was – ist MarvelClient Essentials (MCE)

- MCE stellt umfangreiche Client Infrastruktur Informationen bereit (Analyse)



panagenda



MarvelClient Essentials Hands-on

Was – ist MarvelClient Essentials (MCE)

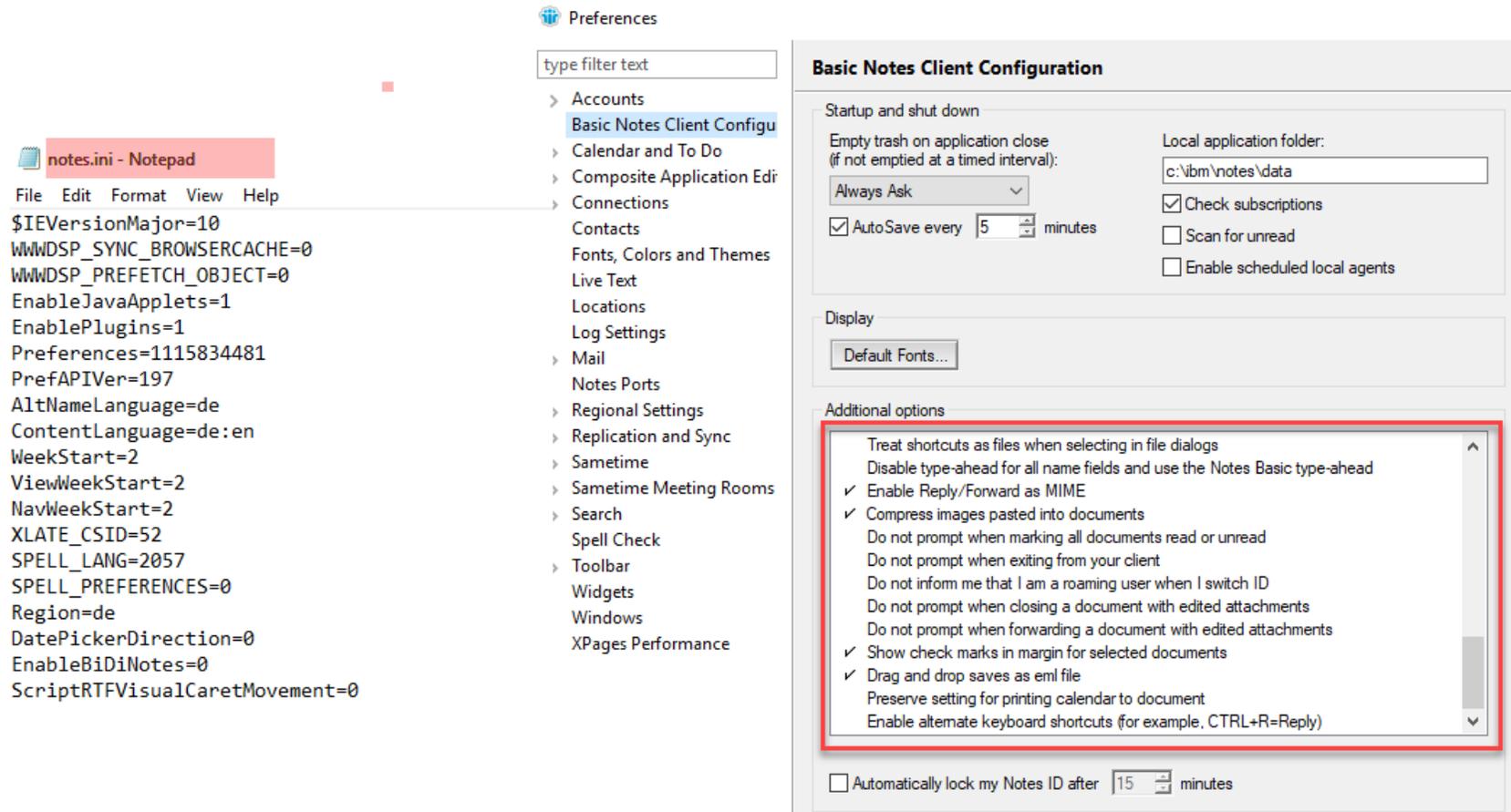
- MCE stellt umfangreiche Client Infrastruktur Informationen bereit (Analyse)

| Status | Data Free (MB) | Data Free % ▲ | Progr Free (MB) ▲ | Progr Free % ▲ | Mem Total (MB) ▲ | Mem Free (MB) ▲ | User ▲ |
|--------|----------------|---------------|-------------------|----------------|------------------|-----------------|--------|
| ✓ | 20 | 0 | 20 | 0 | 2.002 | 1.399 | |
| ✓ | 208 | 1 | 208 | 1 | 2.037 | 1.099 | |
| ✓ | 443 | 1 | 443 | 1 | 3.316 | 2.675 | |
| ✓ | 36.278 | 1 | 18.910 | 38 | 11.263 | 6.019 | |
| ✓ | 586 | 1 | 586 | 1 | 3.316 | 2.683 | |
| ✓ | 814 | 2 | 814 | 2 | 502 | 208 | |
| ✓ | 46.355 | 2 | 19.748 | 39 | 11.263 | 4.905 | |
| ✓ | 67.519 | 2 | 23.297 | 47 | 11.263 | 5.209 | |
| ✓ | 3.064 | 3 | 3.064 | 3 | 3.990 | 1.232 | |
| ✓ | 4.129 | 3 | 4.129 | 3 | 8.191 | 6.423 | |

MarvelClient Essentials Hands-on

Was – ist MarvelClient Essentials (MCE)

- MCE ermöglicht es Konfigurationen am Notes Client durchzuführen z.B. über die „notes.ini“ oder die „Basic Notes Client Configuration“



The image shows two windows from the Notes client. On the left is a Notepad window titled 'notes.ini - Notepad' containing the following configuration text:

```

$IEVersionMajor=10
WWWDSP_SYNC_BROWSERCACHE=0
WWWDSP_PREFETCH_OBJECT=0
EnableJavaApplets=1
EnablePlugins=1
Preferences=1115834481
PrefAPIVer=197
AltNameLanguage=de
ContentLanguage=de:en
WeekStart=2
ViewWeekStart=2
NavWeekStart=2
XLATE_CSID=52
SPELL_LANG=2057
SPELL_PREFERENCES=0
Region=de
DatePickerDirection=0
EnableBiDiNotes=0
ScriptRTFVisualCaretMovement=0
  
```

On the right is the 'Basic Notes Client Configuration' dialog box. The 'Additional options' section is highlighted with a red border and contains the following settings:

- Treat shortcuts as files when selecting in file dialogs
- Disable type-ahead for all name fields and use the Notes Basic type-ahead
- Enable Reply/Forward as MIME
- Compress images pasted into documents
- Do not prompt when marking all documents read or unread
- Do not prompt when exiting from your client
- Do not inform me that I am a roaming user when I switch ID
- Do not prompt when closing a document with edited attachments
- Do not prompt when forwarding a document with edited attachments
- Show check marks in margin for selected documents
- Drag and drop saves as eml file
- Preserve setting for printing calendar to document
- Enable alternate keyboard shortcuts (for example, CTRL+R=Reply)

MarvelClient Essentials Hands-on

Was – ist MarvelClient Essentials (MCE)

- Features

| Analyze | | Configuration | |
|--|---|-----------------------------------|---|
| Desktop, Bookmarks | ✓ | notes.ini and MC Config Variables | ✓ |
| notes.ini, User Preferences | ✓ | Any .ini File | ✓ |
| Mailfile Details | ✓ | User Preferences | ✓ |
| IBM Notes Version and Installation Information | ✓ | Windows Registry | ✓ |
| OS and HW Overview | ✓ | Run | |
| Up-/Download | | Run Programs | ✓ |
| Upload Data for Analyze | ✓ | | |
| Upload Backups for Rollback | | | |
| File Deployment | ✓ | | |
| Smart File Downloader | ✓ | | |
| Roll Back User Configuration | | | |



MarvelClient Essentials Hands-on

Warum – brauche ich MarvelClient Essentials (MCE)

- MCE unterstützt im Tagesgeschäft durch die Reduzierung von Supportanfragen (z.B. durch die Definition von Vorgaben)
- MCE hilft bei der Projektplanung durch zuverlässige Infrastruktur Erkenntnisse (z.B. für Upgrades)
- MCE ist dauerhaft kostenfrei und ab Notes 10.0.1 Bestandteil der Installationspakete von Notes / Domino.

MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)

- Grundeinrichtung über den MCE Install Wizzard

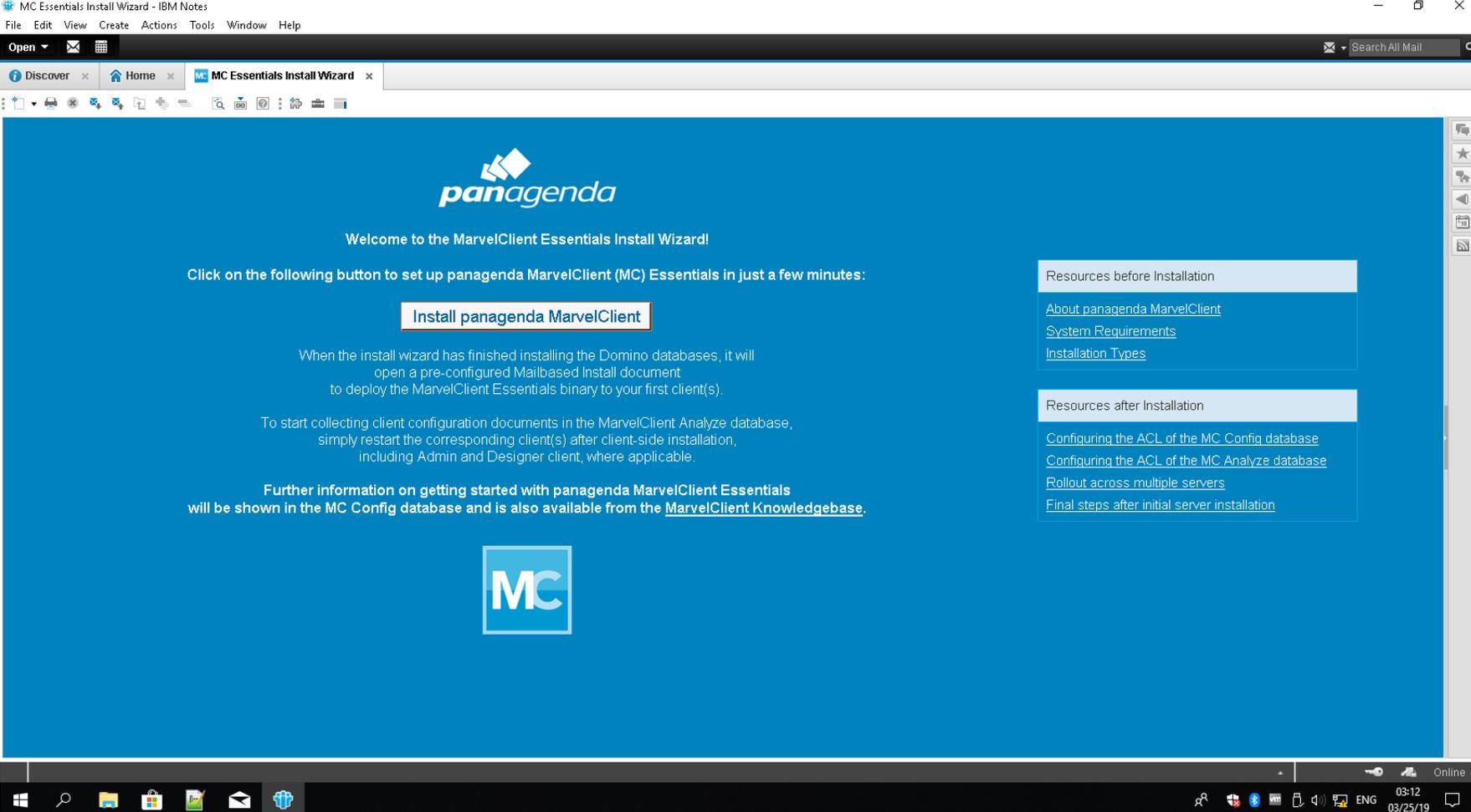
 [PMCIInstaller.nsf](#)

- Server-seitige Installation
- Lokale Installation



MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)



MC Essentials Install Wizard - IBM Notes

File Edit View Create Actions Tools Window Help

Open Search All Mail

Discover Home MC Essentials Install Wizard

panagenda

Welcome to the MarvelClient Essentials Install Wizard!

Click on the following button to set up panagenda MarvelClient (MC) Essentials in just a few minutes:

Install panagenda MarvelClient

When the install wizard has finished installing the Domino databases, it will open a pre-configured Mailbased Install document to deploy the MarvelClient Essentials binary to your first client(s).

To start collecting client configuration documents in the MarvelClient Analyze database, simply restart the corresponding client(s) after client-side installation, including Admin and Designer client, where applicable.

Further information on getting started with panagenda MarvelClient Essentials will be shown in the MC Config database and is also available from the [MarvelClient Knowledgebase](#).

MC

Resources before Installation

- [About panagenda MarvelClient](#)
- [System Requirements](#)
- [Installation Types](#)

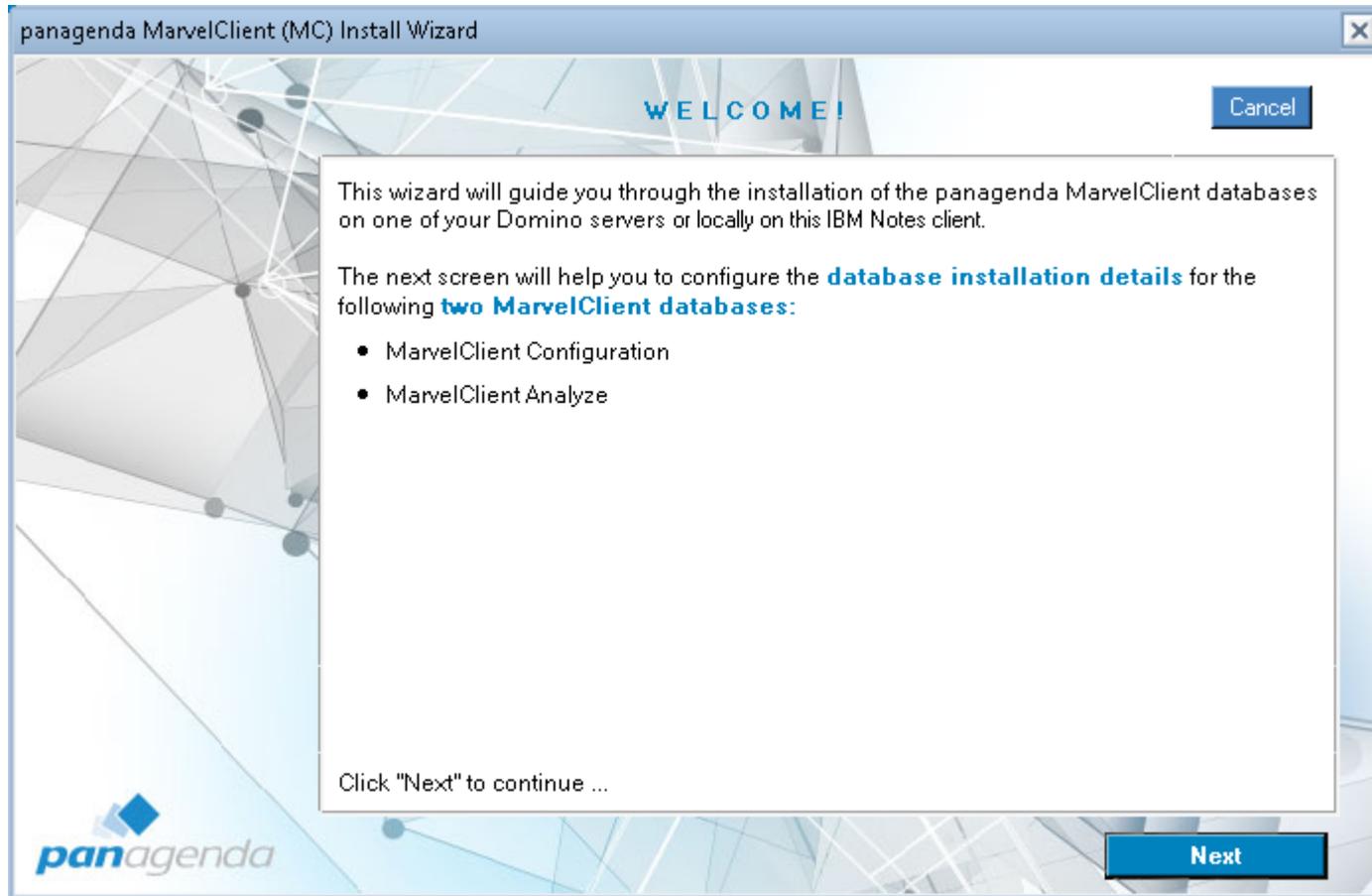
Resources after Installation

- [Configuring the ACL of the MC Config database](#)
- [Configuring the ACL of the MC Analyze database](#)
- [Rollout across multiple servers](#)
- [Final steps after initial server installation](#)

Windows taskbar: Online 03:12 03/25/19

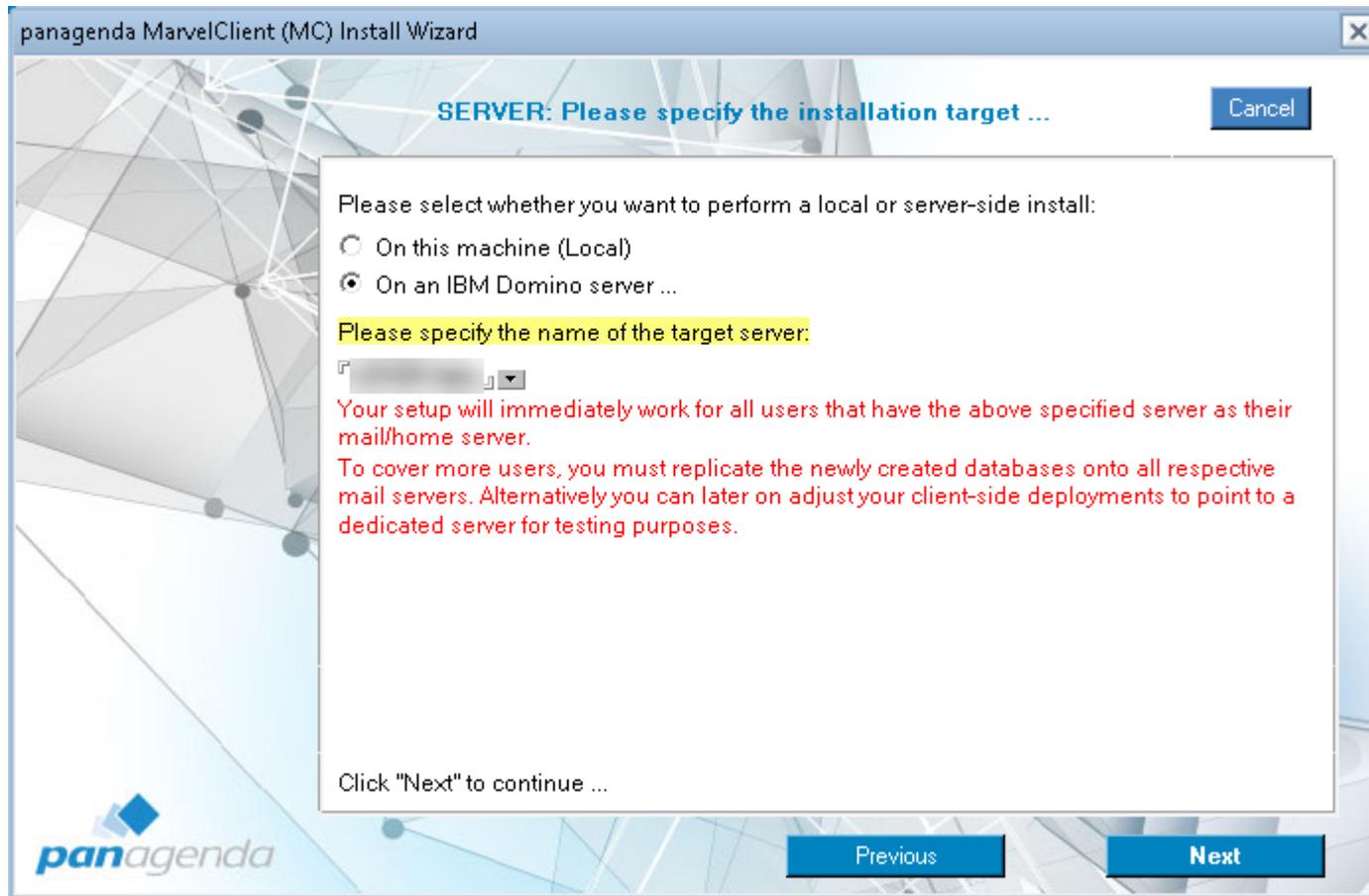
MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)



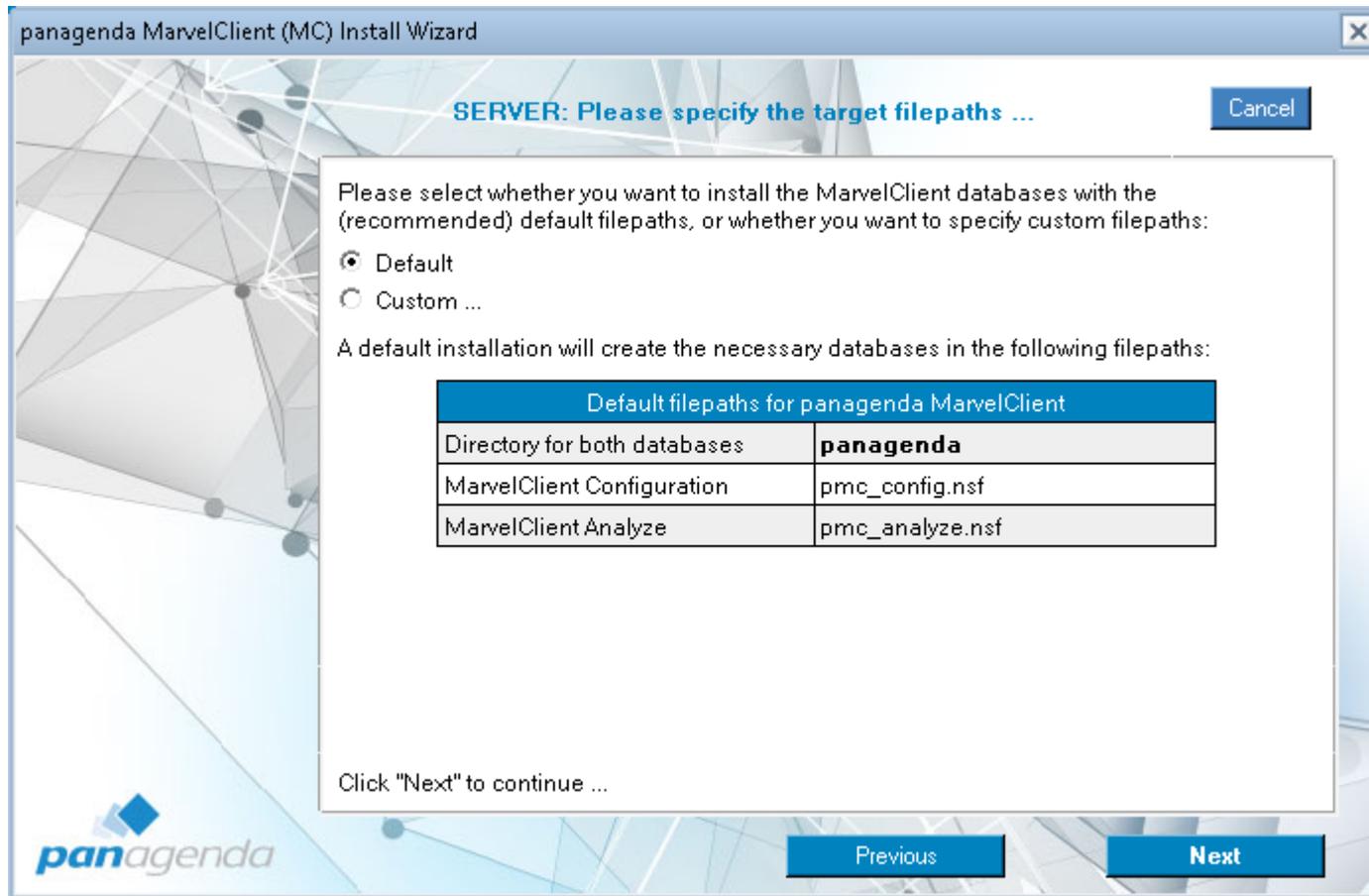
MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)



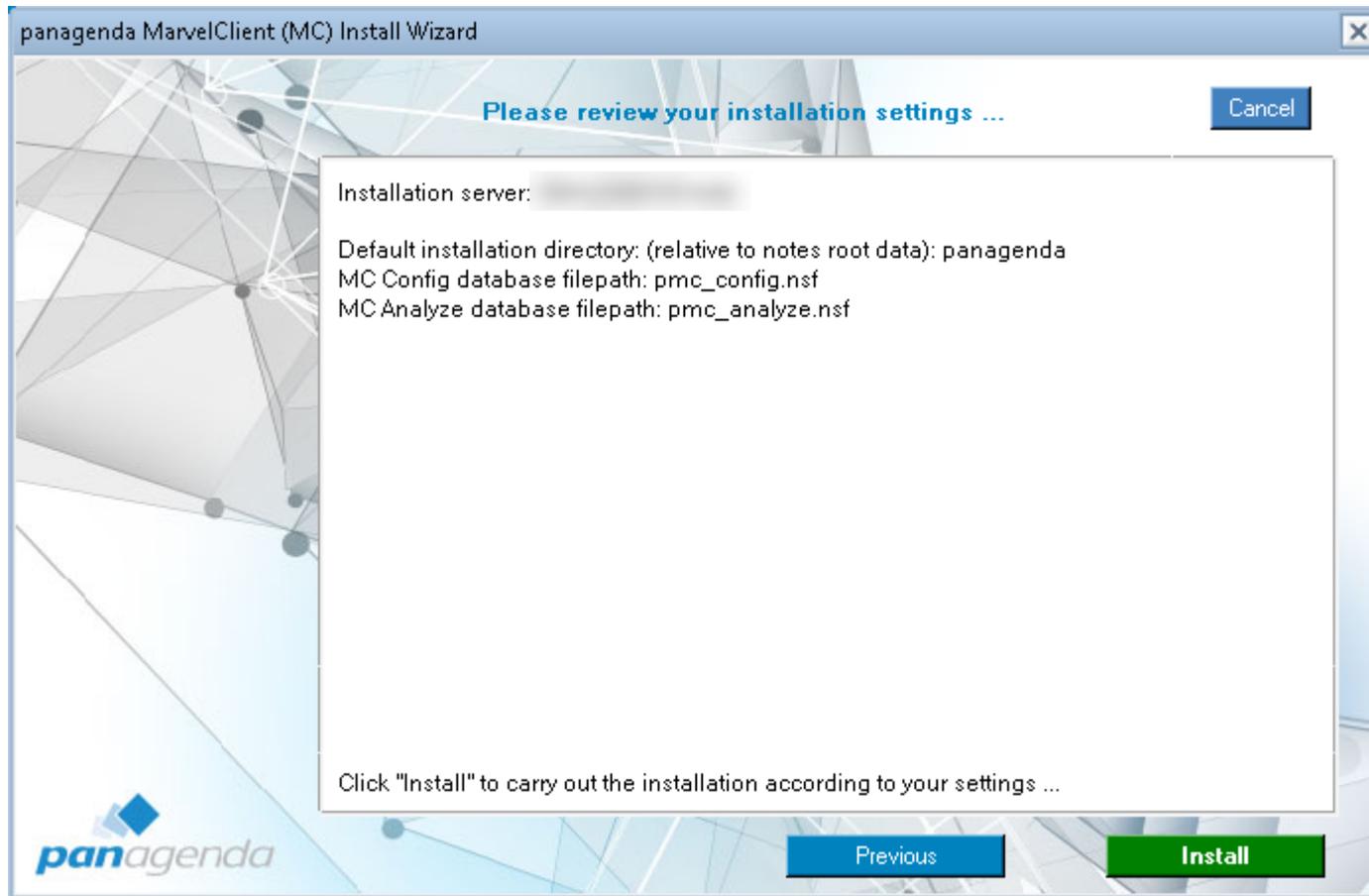
MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)



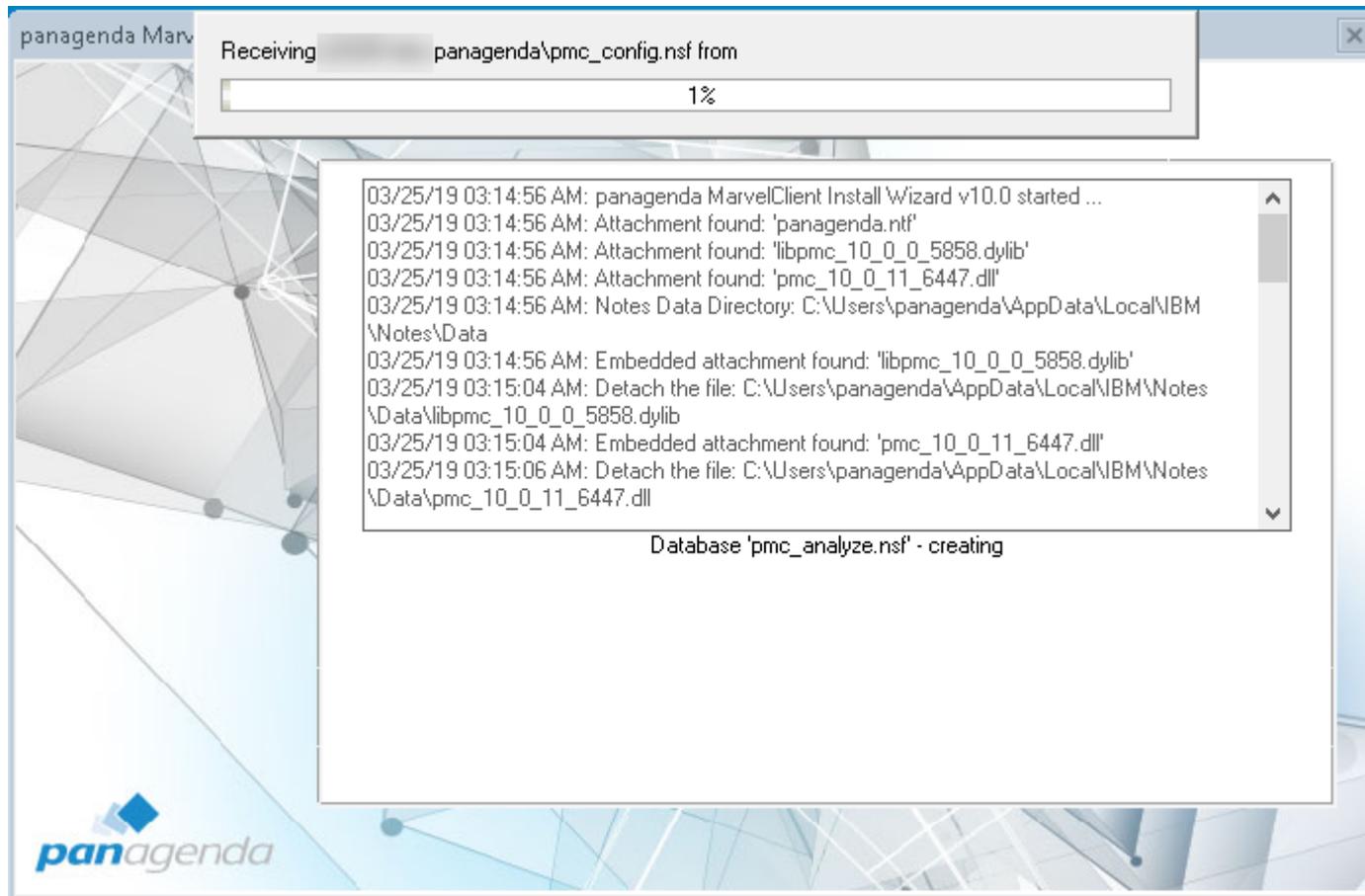
MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)



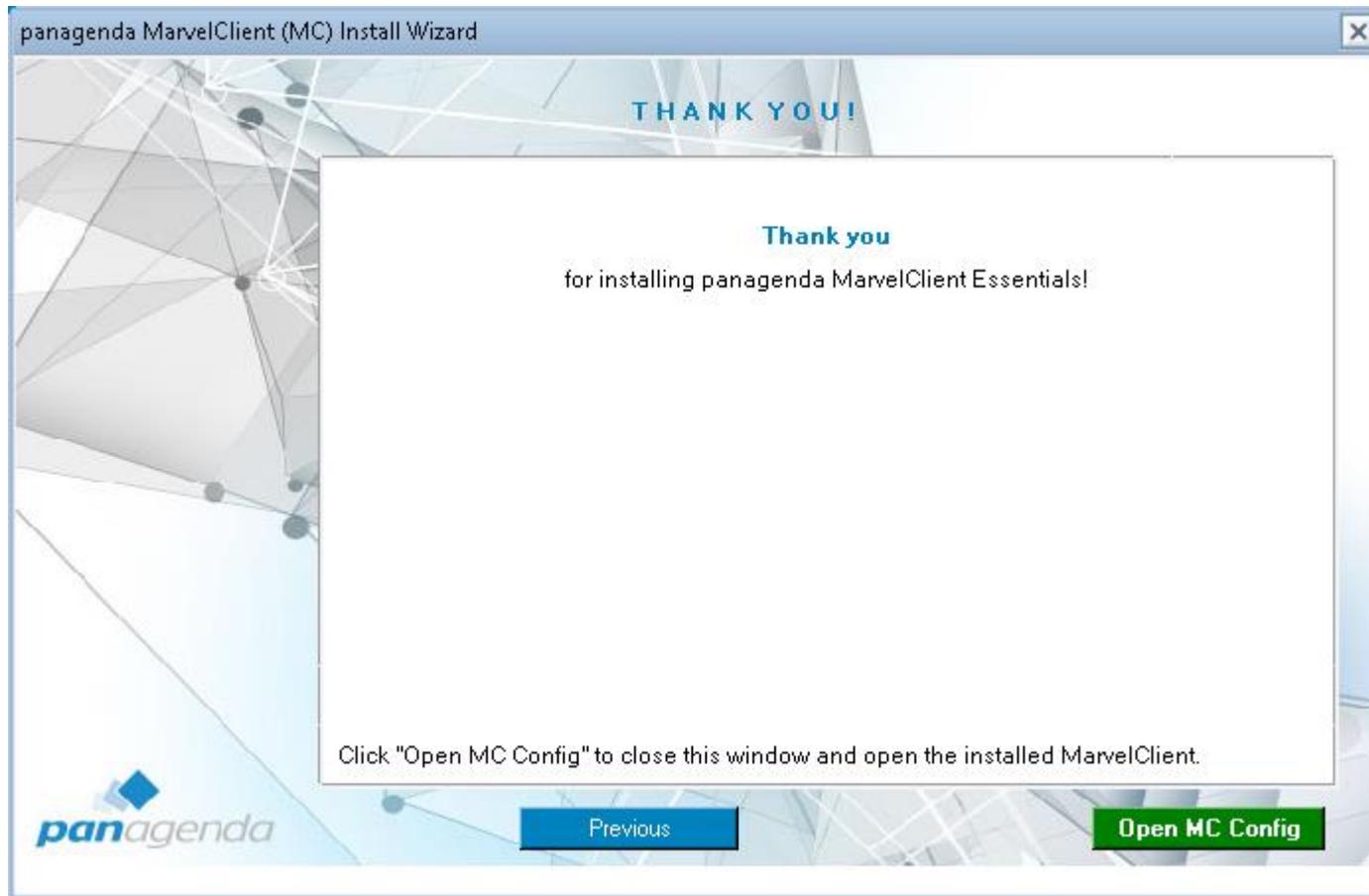
MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)



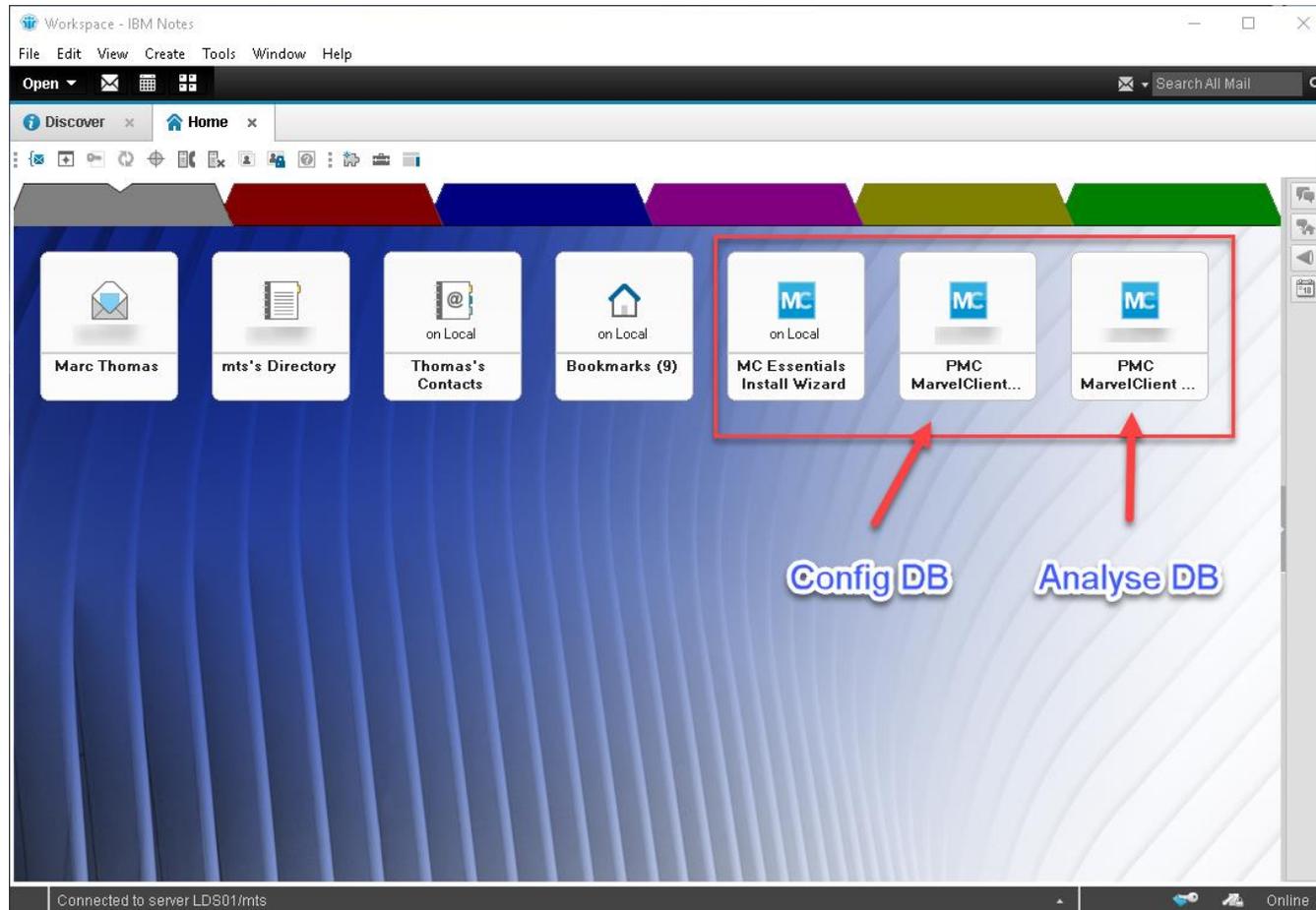
MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)



MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)

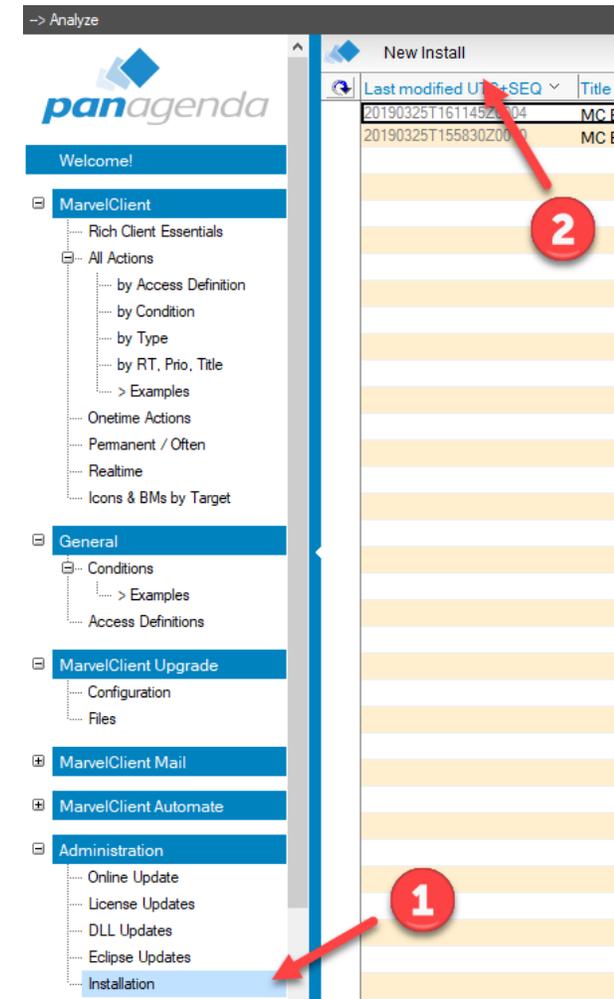


MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)

MCE Client Implementierung (Optionen)

- Mailbased Installation (Config DB)
- Postopen Script Installation (Config DB)
- Manuelle Installation



MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)

MCE Client Implementierung (Mailbased Installation)

Bei der Mailbased Installation wird von der Config DB ausgehend eine Mail an ausgewählte Empfänger versendet. Diese Mail enthält sowohl die DLL als auch benötigte notes.ini Einträge (Button / Stored Form)

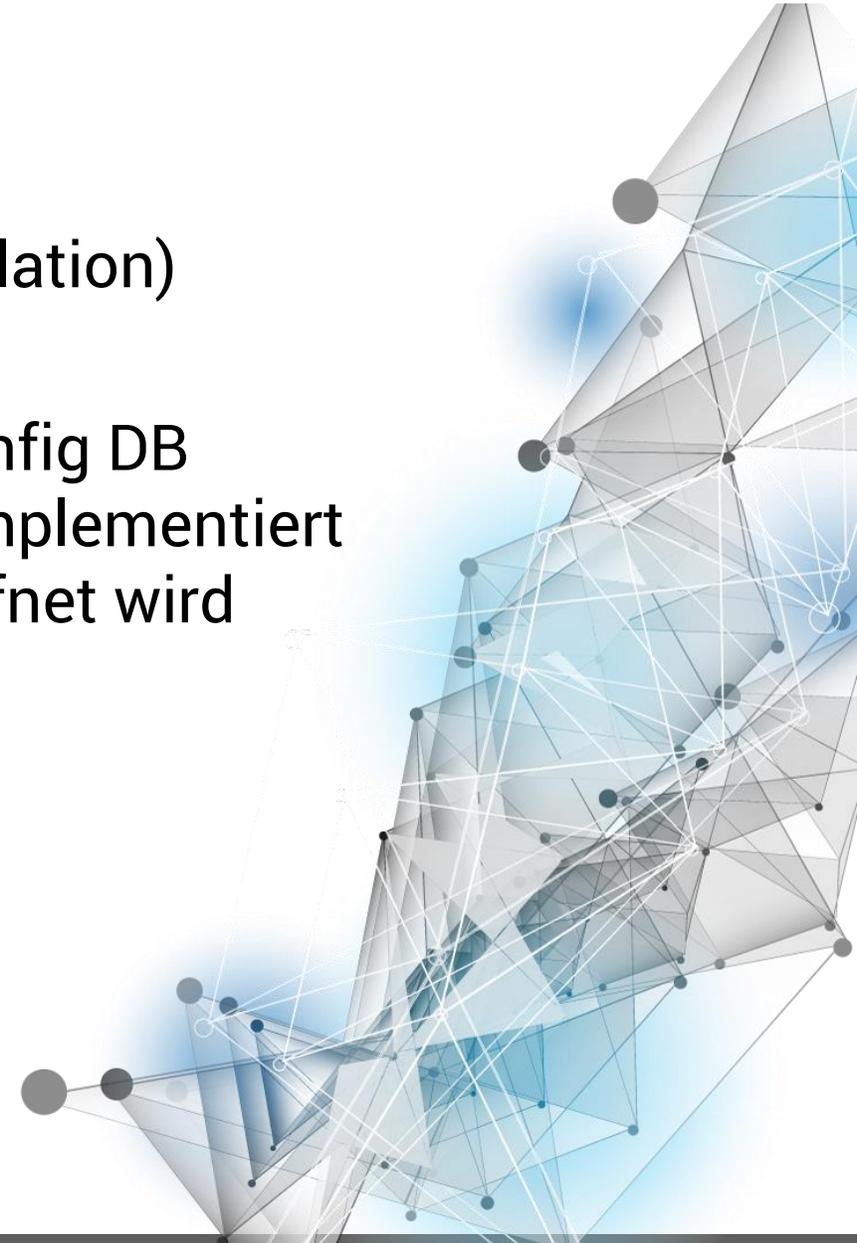


MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)

MCE Client Implementierung (Postopen Script Installation)

Bei der Postopen Script Installation generiert die Config DB ein Script Snippet welches z.B. in das Mailtemplate implementiert wird. Sobald der Client sein aktualisiertes Mailfile öffnet wird MCE lokal installiert.



MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)

MCE Client Implementierung (Manuelle Installation)

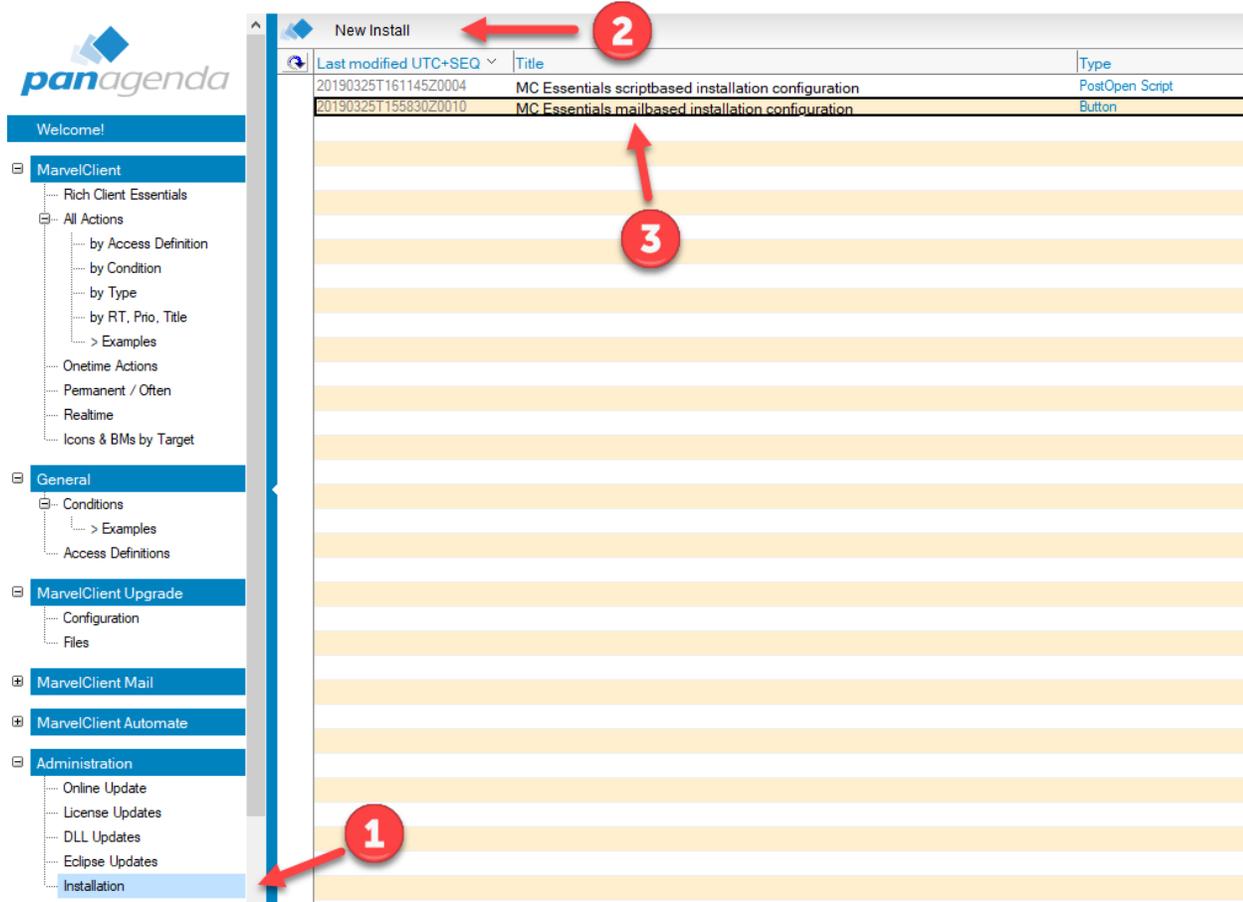
MCE kann natürlich auch manuell oder via Software Deployment Werkzeuge auf den Notes Clients implementiert werden. Dafür wird lediglich die DLL (ist ab 10.0.1 im Notes Client enthalten) und zwei notes.ini Einträge benötigt.

```
MC_DB=„SERVERNAME“!!panagenda\pmc_config.nsf  
EXTMGR_ADDINS=pmc.dll
```



MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)
Beispiel: Installation via „Mailbased Installation“



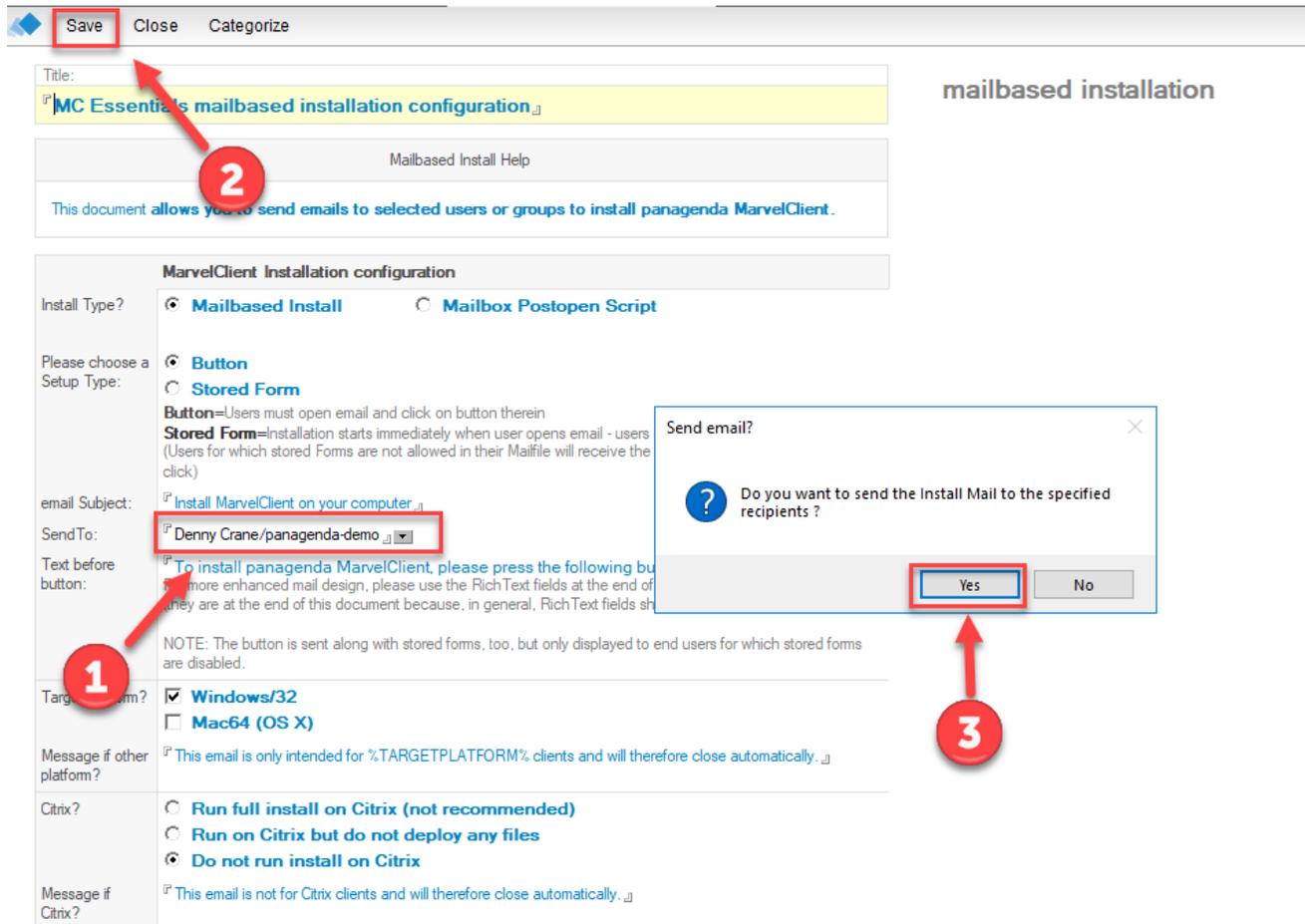
The screenshot shows the MarvelClient Essentials interface. On the left is a navigation tree with categories like 'MarvelClient', 'General', 'MarvelClient Upgrade', 'MarvelClient Mail', 'MarvelClient Automate', and 'Administration'. The 'Installation' item under 'Administration' is highlighted with a red arrow and the number 1. The main area displays a 'New Install' window with a table of configurations. The table has columns for 'Last modified UTC+SEQ', 'Title', and 'Type'. Two rows are visible: 'MC Essentials scriptbased installation configuration' (PostOpen Script) and 'MC Essentials mailbased installation configuration' (Button). A red arrow and the number 2 point to the 'New Install' button at the top, and another red arrow and the number 3 point to the 'MC Essentials mailbased installation configuration' row.

| Last modified UTC+SEQ | Title | Type |
|-----------------------|--|-----------------|
| 20190325T161145Z0004 | MC Essentials scriptbased installation configuration | PostOpen Script |
| 20190325T155830Z0010 | MC Essentials mailbased installation configuration | Button |



MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE) Beispiel: Installation via „Mailbased Installation“



Save Close Categorize

Title:
MC Essentials mailbased installation configuration

Mailbased Install Help

This document allows you to send emails to selected users or groups to install panagenda MarvelClient.

MarvelClient Installation configuration

Install Type? Mailbased Install Mailbox Postopen Script

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 (Users for which stored Forms are not allowed in their Mailfile will receive the click)

email Subject: Install MarvelClient on your computer

SendTo: Denny Crane/panagenda-demo

Text before button:
To install panagenda MarvelClient, please press the following button. For more enhanced mail design, please use the RichText fields at the end of the document. RichText fields are at the end of this document because, in general, RichText fields show better.

NOTE: The button is sent along with stored forms, too, but only displayed to end users for which stored forms are disabled.

Target Platform? Windows/32 Mac64 (OS X)

Message if other platform? This email is only intended for %TARGETPLATFORM% clients and will therefore close automatically.

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

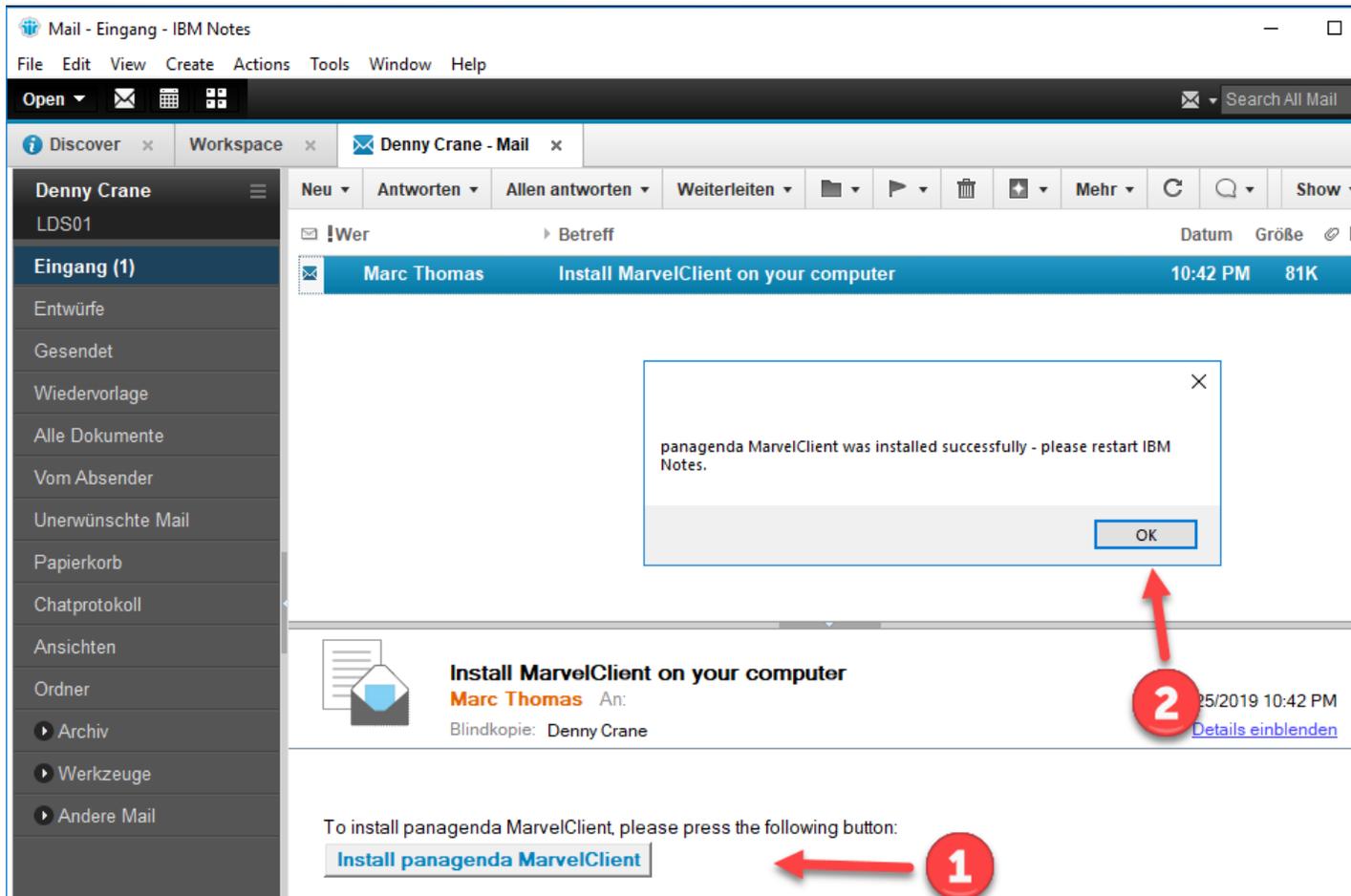
Message if Citrix? This email is not for Citrix clients and will therefore close automatically.

Send email?
Do you want to send the Install Mail to the specified recipients?

Yes No

MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE) Beispiel: Installation via „Mailbased Installation“



The screenshot shows the IBM Notes mail client interface. A message from Marc Thomas is open, titled "Install MarvelClient on your computer". The message content includes a button labeled "Install panagenda MarvelClient" (marked with a red circle and the number 1) and a success message in a dialog box: "panagenda MarvelClient was installed successfully - please restart IBM Notes." (marked with a red circle and the number 2). The dialog box has an "OK" button.



MarvelClient Essentials Hands-on

Wie – richte ich MarvelClient Essentials ein (MCE)

Die Grundeinrichtung ist damit abgeschlossen.



MarvelClient Essentials Hands-on

Wie – nutze ich MarvelClient Essentials (MCE)

MCE besteht aus zwei Datenbanken.

1. Analyse DB

In der Analyse legt jeder Client die bereitgestellten Informationen ab

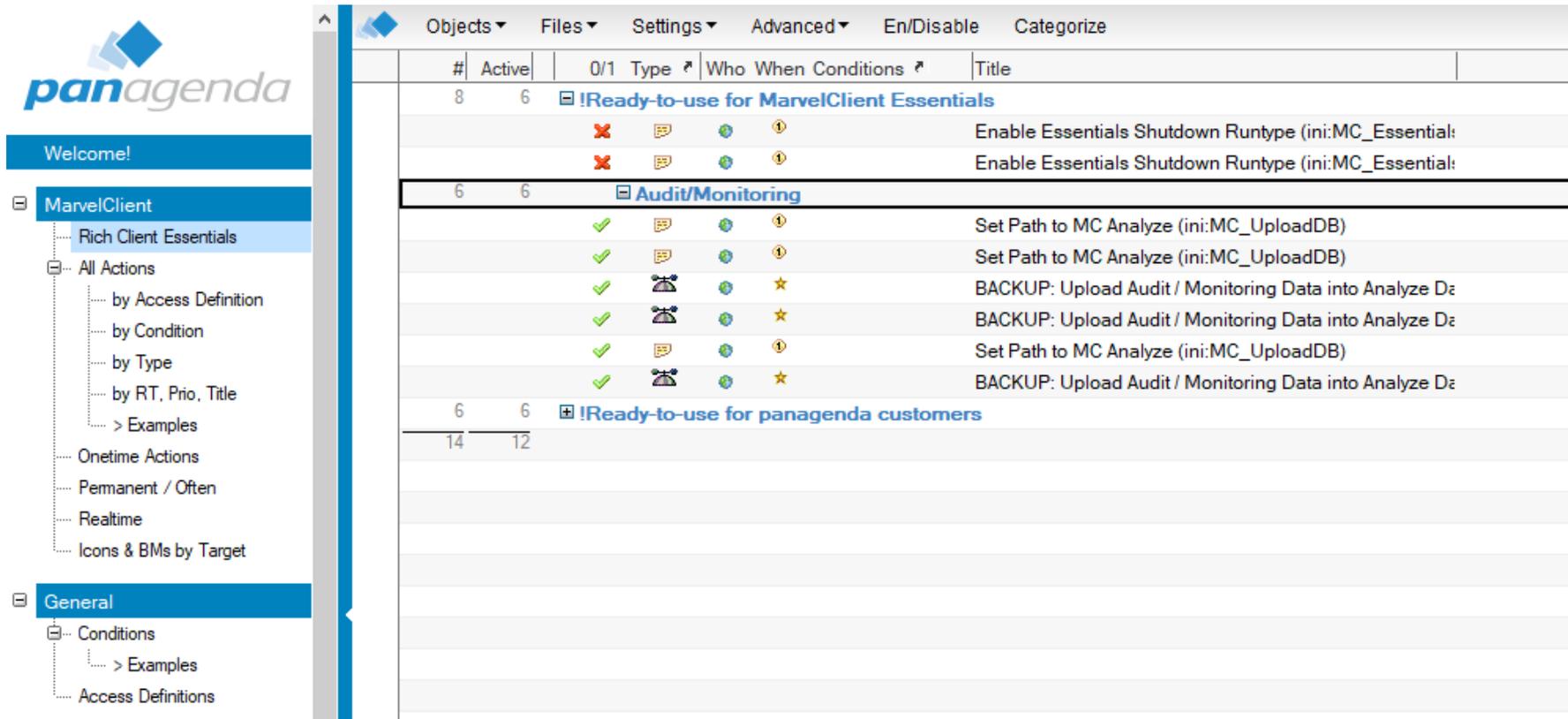
2. Config DB

Die Config DB beschreibt die Tätigkeiten und „Actions“ die MCE auf der Client Seite durchzuführen hat.

MarvelClient Essentials Hands-on

Wie – nutze ich MarvelClient Essentials (MCE)

- Config DB



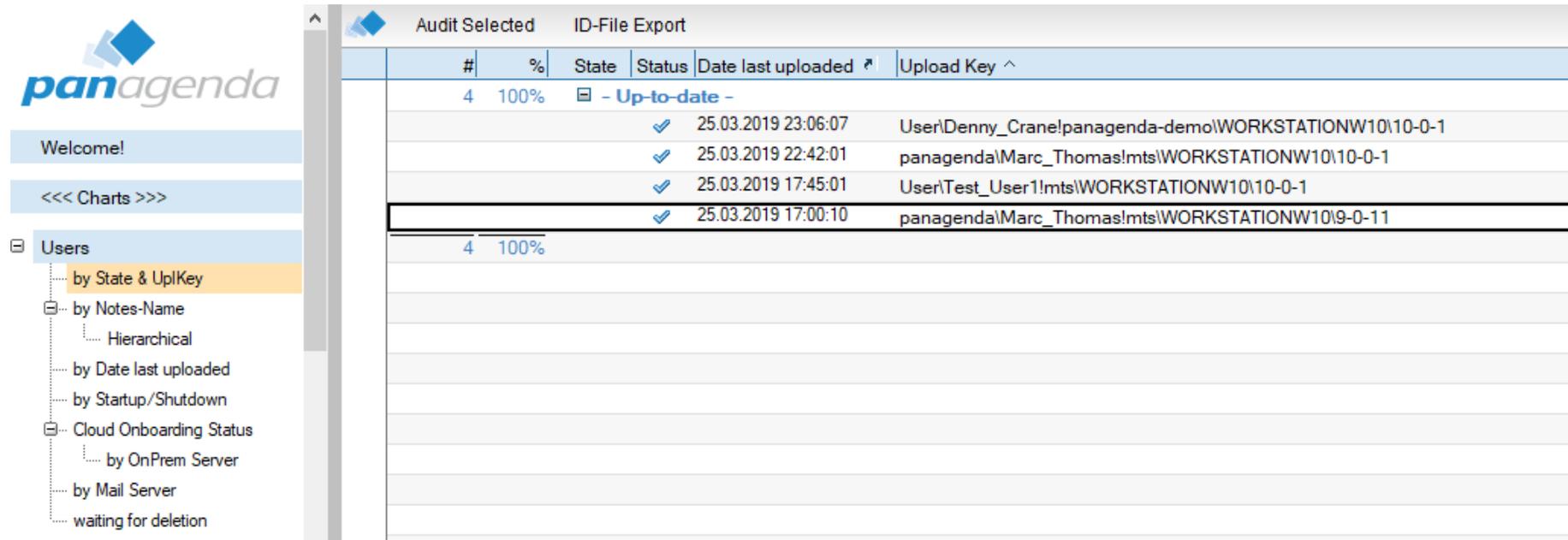
The screenshot shows the panagenda configuration interface. On the left is a navigation tree with categories like 'MarvelClient', 'General', and 'Conditions'. The main area displays a table of configuration objects.

| # | Active | 0/1 | Type | Who | When | Conditions | Title |
|--|--------|-----|------|-----|------|------------|--|
| !Ready-to-use for MarvelClient Essentials | | | | | | | |
| 8 | 6 | | | | | | Enable Essentials Shutdown Runtime (ini:MC_Essential: |
| | | | | | | | Enable Essentials Shutdown Runtime (ini:MC_Essential: |
| Audit/Monitoring | | | | | | | |
| 6 | 6 | | | | | | Set Path to MC Analyze (ini:MC_UploadDB) |
| | | | | | | | Set Path to MC Analyze (ini:MC_UploadDB) |
| | | | | | | | BACKUP: Upload Audit / Monitoring Data into Analyze D: |
| | | | | | | | BACKUP: Upload Audit / Monitoring Data into Analyze D: |
| | | | | | | | Set Path to MC Analyze (ini:MC_UploadDB) |
| | | | | | | | BACKUP: Upload Audit / Monitoring Data into Analyze D: |
| !Ready-to-use for panagenda customers | | | | | | | |
| 6 | 6 | | | | | | |
| 14 | 12 | | | | | | |

MarvelClient Essentials Hands-on

Wie – nutze ich MarvelClient Essentials (MCE)

- Analyse DB



The screenshot shows the panagenda web interface. On the left is a navigation menu with the panagenda logo and a 'Users' section containing various filters like 'by State & UpKey', 'by Notes-Name', etc. The main area displays a table titled 'Audit Selected ID-File Export' with columns for '#', '%', 'State', 'Status', 'Date last uploaded', and 'Upload Key'. The table shows 4 entries, all with a 100% completion rate and a state of '- Up-to-date -'. Each entry includes a checkmark, a date and time, and a file path.

| # | % | State | Status | Date last uploaded | Upload Key |
|---|------|----------------|--------|---------------------|---|
| 4 | 100% | - Up-to-date - | ✓ | 25.03.2019 23:06:07 | User\Denny_Crane\panagenda-demo\WORKSTATIONW10\10-0-1 |
| | | | ✓ | 25.03.2019 22:42:01 | panagenda\Marc_Thomas!mts\WORKSTATIONW10\10-0-1 |
| | | | ✓ | 25.03.2019 17:45:01 | User\Test_User1!mts\WORKSTATIONW10\10-0-1 |
| | | | ✓ | 25.03.2019 17:00:10 | panagenda\Marc_Thomas!mts\WORKSTATIONW10\9-0-11 |
| 4 | 100% | | | | |

MarvelClient Essentials Hands-on

Wie – nutze ich MarvelClient Essentials (MCE)

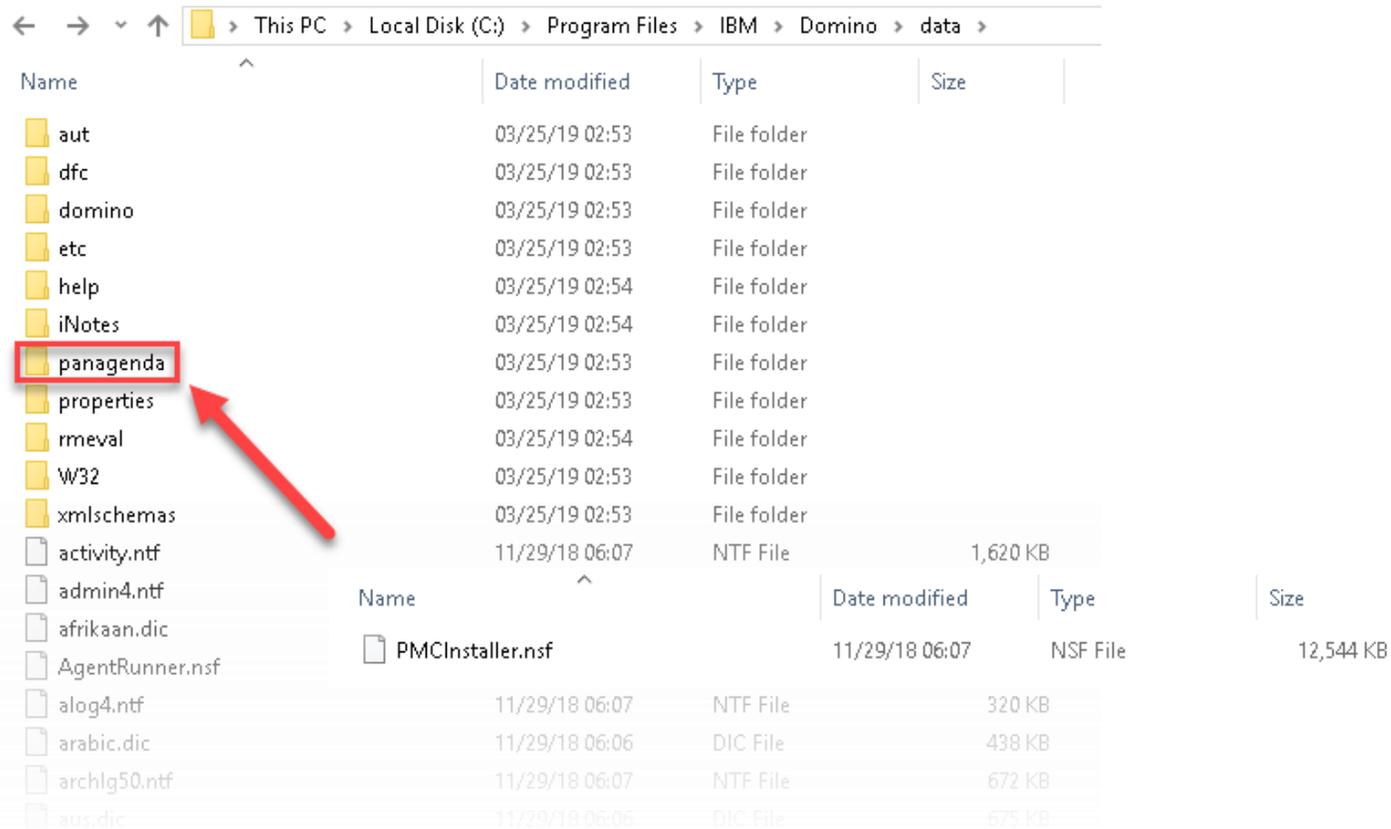
LIVE



MarvelClient Essentials Hands-on

Woher – erhalte ich MarvelClient Essentials (MCE)

- Ab Notes / Domino 10.0.1 im Installer enthalten



← → ↕ ↑ > This PC > Local Disk (C:) > Program Files > IBM > Domino > data >

| Name | Date modified | Type | Size |
|------------------|----------------|-------------|----------|
| aut | 03/25/19 02:53 | File folder | |
| dfc | 03/25/19 02:53 | File folder | |
| domino | 03/25/19 02:53 | File folder | |
| etc | 03/25/19 02:53 | File folder | |
| help | 03/25/19 02:54 | File folder | |
| iNotes | 03/25/19 02:54 | File folder | |
| panagenda | 03/25/19 02:53 | File folder | |
| properties | 03/25/19 02:53 | File folder | |
| rmeval | 03/25/19 02:54 | File folder | |
| W32 | 03/25/19 02:53 | File folder | |
| xmlschemas | 03/25/19 02:53 | File folder | |
| activity.ntf | 11/29/18 06:07 | NTF File | 1,620 KB |
| admin4.ntf | | | |
| afrikaan.dic | | | |
| AgentRunner.nsf | | | |
| alog4.ntf | 11/29/18 06:07 | NTF File | 320 KB |
| arabic.dic | 11/29/18 06:06 | DIC File | 438 KB |
| archlg50.ntf | 11/29/18 06:07 | NTF File | 672 KB |
| aus.dic | 11/29/18 06:06 | DIC File | 675 KB |

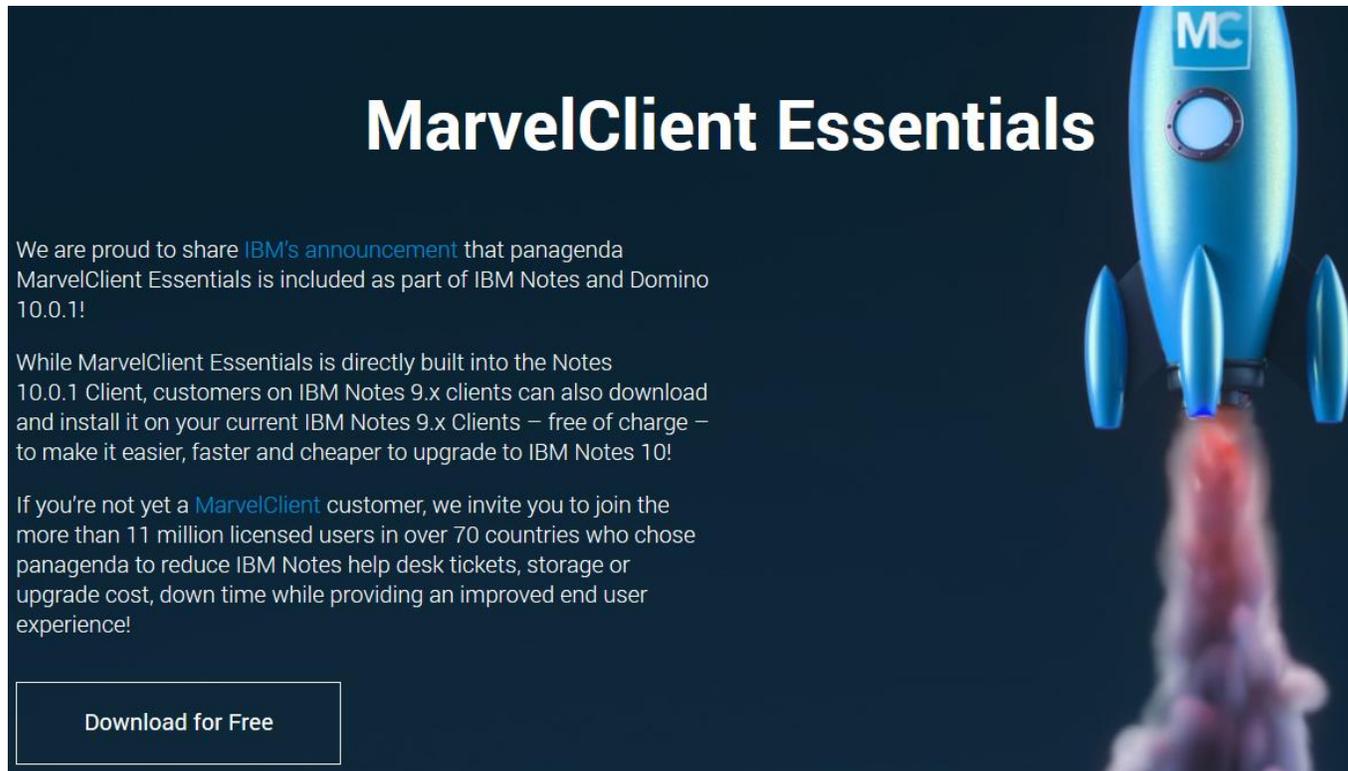
| Name | Date modified | Type | Size |
|-------------------|----------------|----------|-----------|
| PMCIInstaller.nsf | 11/29/18 06:07 | NSF File | 12,544 KB |



MarvelClient Essentials Hands-on

Woher – erhalte ich MarvelClient Essentials (MCE)

- <https://www.panagenda.com/essentials>

A promotional banner for MarvelClient Essentials. It features a blue rocket ship with "MC" on its side, launching upwards. The background is dark with a blue and white geometric network pattern on the right side. The text is white and blue, providing information about the product's availability and benefits.

MarvelClient Essentials

We are proud to share [IBM's announcement](#) that panagenda MarvelClient Essentials is included as part of IBM Notes and Domino 10.0.1!

While MarvelClient Essentials is directly built into the Notes 10.0.1 Client, customers on IBM Notes 9.x clients can also download and install it on your current IBM Notes 9.x Clients – free of charge – to make it easier, faster and cheaper to upgrade to IBM Notes 10!

If you're not yet a [MarvelClient](#) customer, we invite you to join the more than 11 million licensed users in over 70 countries who chose panagenda to reduce IBM Notes help desk tickets, storage or upgrade cost, down time while providing an improved end user experience!

[Download for Free](#)

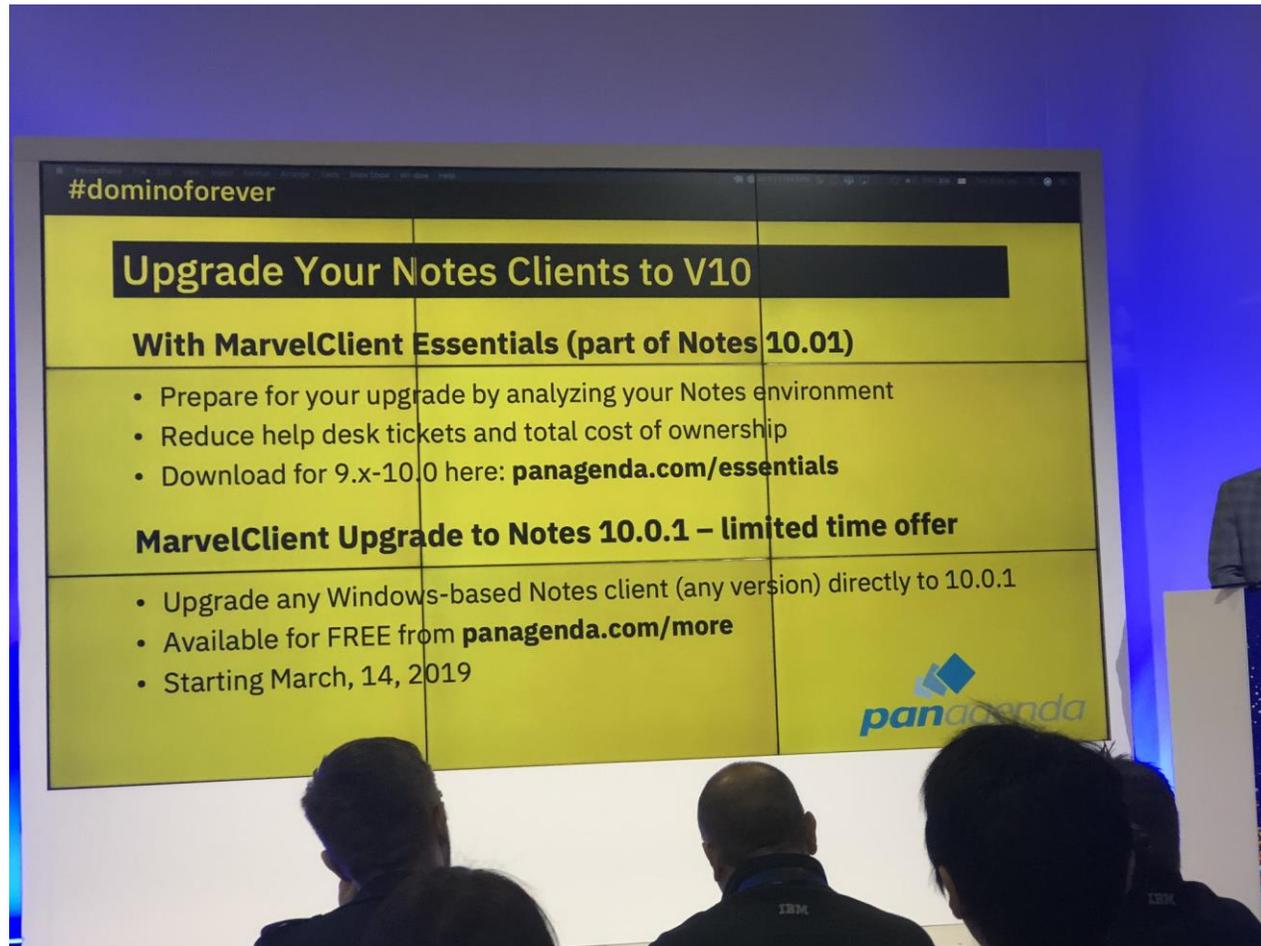
MarvelClient Essentials Hands-on

Woher – erhalte ich MarvelClient Essentials (MCE)

Interessante Links:

- https://www.ibm.com/support/knowledgecenter/en/SSKTMJ_10.0.1/admin/wn_marvelclient_essentials.html
- <https://www-01.ibm.com/support/docview.wss?uid=ibm10737079>
- <https://www.panagenda.com/kbase/pages/viewpage.action?pageId=24119361>

MarvelClient Essentials Hands-on



SNEAK PEEK

(MC Upgrade Free Edition)



Kontakt

eMail: marc.thomas@panagenda.com

Twitter: @IAM_Mthomas

Blog: <http://collaboration.rocks>

Vielen Dank für die Aufmerksamkeit



Kontakt

eMail: marc.thomas@panagenda.com

Twitter: @IAM_Mthomas

Blog: <http://collaboration.rocks>





Headquarters, Austria:
panagenda GmbH (Ltd.)
Schreyvogelgasse 3/10
AT 1010 Vienna

Phone: +43 1 89 012 89
Fax: +43 1 89 012 89-15
E-Mail: info@panagenda.com

USA:
panagenda Inc.
60 State Street, Suite 700
MA 02109 Boston

Phone: +1 617 855 5961
Fax: +1 617 488 2292
E-Mail: info@panagenda.com

Headquarters, Germany:
panagenda GmbH (Ltd.)
Lahnstraße 17
DE 64646 Heppenheim

Phone: +49 6252 67 939-00
Fax: +49 6252 67 939-16
E-Mail: info@panagenda.com

Germany:
panagenda Consulting GmbH (Ltd.)
Donnersbergstrasse 1
DE 64646 Heppenheim

Phone: +49 6252 67 939-86
Fax: +49 6252 67 939-16
E-Mail: info@panagenda.com

The Netherlands:
Trust Factory B.V.
11th Floor,
Koningin Julianaplein 10
NL 2595 AA The Hague

Phone: +31 70 80 801 96
E-Mail: info@trust-factory.com