

Hybrid Environments and What They Mean for HCL Notes and Nomad

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Host & Speaker



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All attendee lines are muted

This is to prevent interruptions during the presentation.



The webinar is being recorded

After the webinar, we will send you a mail to give access to the recording and presentation slides.



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Use the link provided at the end to let us know what we can do better.

- ▶ What „Hybrid“ means for Notes/Domino/Nomad
- ▶ **Case 1** Configuring Notes and Nomad to work smoothly without mail
- ▶ **Case 2** Handling Domino applications that send mail
- ▶ Notes Vs. Nomad Web





What hybrid means for Notes/Domino/Nomad

What hybrid means for Notes/Domino/Nomad



- Typically, that means that customers migrate “Mail, Calendar, Contacts”
- In case of a migration, it’s more than 95% customers go to M365
 - (at least) Outlook
- Trigger is often Teams
- Domino applications remain on the Domino servers
 - this opens consolidation potential

By the way:

During a Migration **EVERYTHING** is **COMPLEX**

Again - nowadays:

Domino applications **remain** on the Domino servers

What needs to be changed in Notes/Domino/Nomad



- **Server consolidation (easy on the server, challenging on the client)**
- **People lose their (Mail)-Home-Server**
 - Person document (Domino Directory)
 - Location document (Client)
- **Notes/Nomad needs to be reconfigured - for**
 - Mail
 - Applications

What needs to be changed in Notes/Domino/Nomad

Jane Doe/panagenda-demo
Jane.Doe@mc-demo.panagenda.info

Basics | Work/Home | Other | Miscellaneous | Certificates | Roaming | Administration

First name: Jane
Middle name:
Last name: Doe

Basics

User name: Jane Doe/panagenda-demo
Jane Doe

Alternate name:

Short name/UserID: JaneDoe

Personal title: Mrs.

Generational qualifier:

Internet password: Enter Password

Preferred language:

Mail

Mail system:	Notes
Domain:	panagenda-demo
Mail server:	server01/panagenda-demo
Mail file:	mail\janedoe
Forwarding address:	
Internet address:	Jane.Doe@mc-demo.panagenda.info
Format preference for incoming mail:	Keep in senders' format
When receiving unencrypted mail, encrypt before storing in your mailfile:	No



Jane Doe/panagenda-demo
Jane.Doe@mc-demo.panagenda.info

Basics | Work/Home | Other | Miscellaneous | Certificates | Roaming | Administration

First name: Jane
Middle name:
Last name: Doe

Basics

User name: Jane Doe/panagenda-demo
Jane Doe

Alternate name:

Short name/UserID and/or Internet address for SMTP: JaneDoe

Personal title: Mrs.

Generational qualifier:

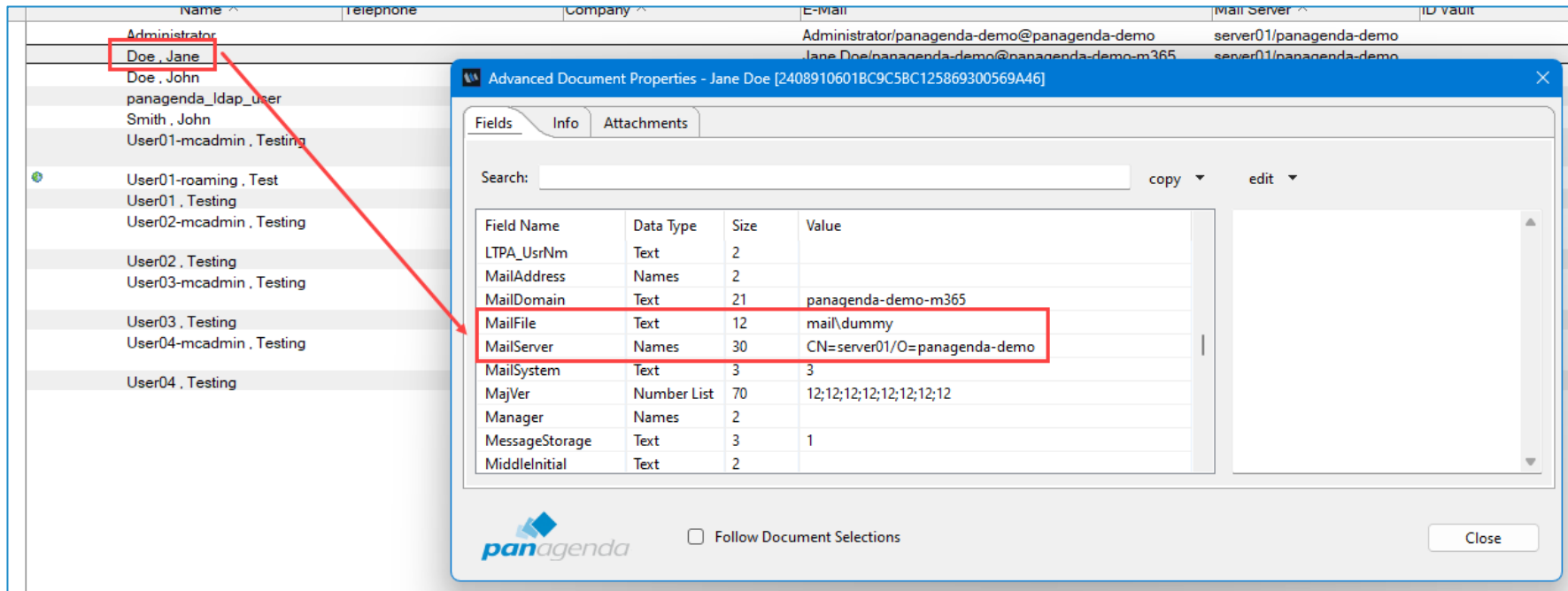
Internet password: Enter Password

Preferred language:

Mail

Mail system:	Other
Domain:	panagenda-demo-m365
Other address:	
Internet address:	Jane.Doe@mc-demo.panagenda.info

Tip of the day: Keep your “Mailserver” fields filled



The screenshot shows a user directory with columns: Name, telephone, Company, E-Mail, Mail Server, and ID vault. The entry for 'Doe, Jane' is highlighted with a red box. A red arrow points from this box to the 'MailServer' field in the 'Advanced Document Properties' dialog box, which is also highlighted with a red box.

Advanced Document Properties - Jane Doe [24089106018C9C58C125869300569A46]

Fields Info Attachments

Search: copy edit

Field Name	Data Type	Size	Value
LTPA_UsrNm	Text	2	
MailAddress	Names	2	
MailDomain	Text	21	panagenda-demo-m365
MailFile	Text	12	mail\dummy
MailServer	Names	30	CN=server01/O=panagenda-demo
MailSystem	Text	3	3
MajVer	Number List	70	12;12;12;12;12;12;12
Manager	Names	2	
MessageStorage	Text	3	1
MiddleInitial	Text	2	

Follow Document Selections

Close



Case 1:

Configuring Notes and Nomad to work smoothly without mail

What needs to be changed and removed?

➤ Location document(s)

- Ensure that the fields MailServer, MailFile, ImailAddress and Domain are adjusted according to Domino Directory

➤ Workspace Icons

- Remove old mailfile db icon (incl. local replica – if existing)
- Remove new dummy mailfile db icon
- Do not remove mail-in db icons

➤ Bookmarks

- Remove Mail, Calendar and To Do's

ALL ACTIONS INCLUDED IN

MarvelClient Basic

MarvelClient Basic - Location(s) for Notes



What When Who Admin Status: Enabled

Notes Location - Change current location according Domino Directory

Click on cells to en/disable Runtypes & Repeat Run On Reference Only

START LOGIN User Interface EN Client Sh

Before Login (BL) After Login (AL) ! Nomad background ! Client Sh

BL Init Before Login ExitNotes Before DL Before Sync Before Roam After Login After Write Backgr. Init FSAC Backgr. Shutt

Persistent Once only Once a day only Once from start to end

Remarks:

Location Action

Action:

Remove
 Only change if exists
 Only add if non-existent
 Add / change

Location Name(s)

Full match <^notes.location\$>

Search-type:

Wildcards <"; notes.location\$>.\$
 Reg. Exp. Using the regex-escape syntax for references requires MC DLL >= 3.0.0 for Windows MC DLL >= 2.0.49 for Linux/Mac

Formula: In addition to the search type above, filter locations with the following formula (optional):

Run this action before Login dialog, too

Locations for ALL users (*)
 Locations for CURRENT user

Advanced

U = do not change field
~ = set field only if field is empty in target location (includes creation of new locations)
∞ = always set field
+ = Merge enabled = set at least selected values (Ports only)

Basics Servers Ports Mail Internet Browser Replication Instant Messaging Comments

Accept Policy Updates? Yes No

Location type: Local Area Network

Internet mail address: %LOOKUP_INTERNETMAILADDRESS%

Basics Servers Ports **Mail** Internet Browser Replication Instant Messaging Comments Advanced... Administration

Mail file location: on Server

Mail file: %LOOKUP_MAILFILE_AUTODETECT%

Domino mail domain: %LOOKUP_MAILDOMAIN%

Internet domain for Notes addresses when connecting directly to the Internet:

Recipient name type-ahead: Local then Server

Activate recipient name type-ahead: On Each Character

Recipient name lookup: Stop after first match

Mail addressing: Local then Server
 Type-ahead shows server contacts before local ?

Send outgoing mail: through Domino Server

Format for messages addressed to internet addresses: MIME Format

Basics **Servers** Ports

Home/mail server: %LOOKUP_MAILSERVER%

Passtru server:

Catalog/domain search server:

Domino directory server:

Sametime server:

MarvelClient Basic – Location for Nomad

Nomad Location - Change current location according to Domino Directory

Click on cells to en/disable Runtypes & Repeat Run On Reference

START LOGIN User Interface

Before Login (BL) After Login (AL) Whilst Client is up and running

BL Init Before Login ExitNotes Before DL Before Sync Before Roam **After Login** After Write Backgr. Init FSAC Back

Persistent Once only Once a day only Once from start to end

Remarks:

Changes the existing current Location of Nomad clients

Action:

Add if missing

Run this action before Login dialog, too

Advanced

0 = do not change field
~ = set field only if field is empty in target location (includes creation of new location)
∞ = always set field
+ = Merge enabled = set at least selected values (Ports only)

Basics Servers Mail Replication Comments Advanced... Administration

Mail file location: on Server

Mail file: %LOOKUP_MAILFILE_AUTODETECT%

Domino mail domain: %LOOKUP_MAILDOMAIN%

Internet domain for Notes addresses when connecting directly to the Internet:

Recipient name type-ahead: Local then Server

Activate recipient name type-ahead: On Each Character

Recipient name lookup: Stop after first match

Mail addressing: Local then Server
 Type-ahead shows server contacts before local ?

Send outgoing mail: through Domino Server

Format for messages addressed to internet addresses: MIME Format

Basics Servers Mail Replication

Home/mail server: %LOOKUP_MAILSERVER%

Passthru server:

Catalog/domain search server:

Domino directory server:

Sametime server:

Basics Servers Mail Replication Comments Advanced... Administration

Accept Policy Updates? Yes No

Location type: Local Area Network

Internet mail address: %LOOKUP_INTERNETMAILADDRESS%

Proxy configuration:

Default display name: Primary names Alternate names

Prompt for time/date/phone: Yes No

MarvelClient Basic – Workspace Icons

What | **When** | **Who** | **Admin** | Status: Enabled

Masschange - Remove legacy mailfile icon (including local replica - if existing)

Click on cells to en/disable | Runtypes & Repeat | Run On Reference Only

START: Before Login (BL) | LOGIN: After Login (AL) | User Interface: ! Nomad background ! | END: Client Shutdown

BL Init | Before Login | ExtNotes | Before DL | Before Sync | Before Roam | **After Login** | After Write | Backgr. Init | FSAC | Backgr. | Shutdown

Persistent | Once only | Once a day only | Once from start to end

Remarks:

Action Type? Delete

Options

- Simulate Masschange
- Extend MassDelete to bookmarks...
...of the following types: Relative Hinted Absolute
Relative requires search by replica id; hinted and absolute by servename, directory and/or filename.
- Extend MassDelete to replicas... (only if the below specified search criteria also match local replicas!)
 Only remove local replica(s) after a last successful push replication with server
 Attempt replication with fallback server if automatic replication fails...

Server: Ignore

Directory: Full match
<notes:um_directory_legacy>
&{notes:um_directory_legacy}&g;

Filename: Full match
<notes:um_filename_legacy>
&{notes:um_filename_legacy}&g;

Replica-ID: Ignore

What | **When** | **Who** | **Admin** | Status: Enabled

Masschange - Remove dummy mailfile icon

Click on cells to en/disable | Runtypes & Repeat | Run On Reference Only

START: Before Login (BL) | LOGIN: After Login (AL) | User Interface: ! Nomad background ! | END: Client Shutdown

BL Init | Before Login | ExtNotes | Before DL | Before Sync | Before Roam | **After Login** | After Write | Backgr. Init | FSAC | Backgr. | Shutdown

Persistent | Once only | Once a day only | Once from start to end

Remarks:

Action Type? Delete

Options

- Simulate Masschange
- Extend MassDelete to bookmarks...
...of the following types: Relative Hinted Absolute
Relative requires search by replica id; hinted and absolute by servename, directory and/or filename.
- Extend MassDelete to replicas... (only if the below specified search criteria also match local replicas!)

Server: Ignore

Directory: Full match
mail
mail

Filename: Full match
dummy.nsf
dummy.nsf

Replica-ID: Ignore

MarvelClient Basic – Bookmarks

Remove Bookmark - Mail

Title: Status: Enabled

Click on cells to en/disable Runtypes & Repeat Run On Reference Only

START	LOGIN	User Interface	END
Before Login (BL)		After Login (AL)	Client Shutdown
BL Init	Before Login	ExitNotes	Before DL
	Before Sync	Before Roam	After Login
	After Write	Backgr. Init	FSAC
	Backgr.		Shutdown

Persistent
 Once only
 Once a day only
 Once from start to end

Remarks:

Target

Link
 Action (Formula)
 URL

Bookmark properties Target-type: <input type="radio"/> Database <input type="radio"/> Document <input checked="" type="radio"/> Named Element Link-type: <input checked="" type="radio"/> Relative <input type="radio"/> Hinted <input type="radio"/> Absol. Replica-ID: 0000000:00000E00 Name(d Elem.): MailFS Class (optional): 6	Search for existing bookmark Match: <input type="radio"/> Match any target-type <input checked="" type="radio"/> Match target-type only Match: <input checked="" type="radio"/> Match any link-type <input type="radio"/> Match link-type only Match: is always matched Match: <input type="radio"/> Match any name <input checked="" type="radio"/> Match target name only <input type="radio"/> Match custom RegExp ... Match: <input checked="" type="radio"/> Match any class <input type="radio"/> Match target class only
---	--

Target folders

Target: All
 Specific folders only:

Exceptions? Exclude Folders ...

Action: Do nothing
 Create missing
 Create missing & update existing
 Update existing only
 Remove

Remove Bookmark - Calendar

Title: Status: Disabled

Click on cells to en/disable Runtypes & R

START	LOGIN	User Interface	END
Before Login (BL)		After Login (AL)	Client Shutdown
BL Init	Before Login	ExitNotes	Before DL
	Before Sync	Before Roam	After Login
	After Write	Backgr. Init	FSAC
	Backgr.		Shutdown

Persistent
 Once only
 Once a day only
 Once from start to end

Remarks:

Target

Link
 Action (Formula)
 URL

Bookmark properties Target-type: <input type="radio"/> Database <input type="radio"/> Document <input checked="" type="radio"/> Named Element Link-type: <input checked="" type="radio"/> Relative <input type="radio"/> Hinted <input type="radio"/> Absol. Replica-ID: 0000000:00000E00 Name(d Elem.): CalendarFS Class (optional): 6	Search for existing bookmark Match: <input type="radio"/> Match any target-type <input checked="" type="radio"/> Match target-type only Match: <input checked="" type="radio"/> Match any link-type <input type="radio"/> Match link-type only Match: is always matched Match: <input type="radio"/> Match any name <input checked="" type="radio"/> Match target name only <input type="radio"/> Match custom RegExp ... Match: <input checked="" type="radio"/> Match any class <input type="radio"/> Match target class only
---	--

Target folders

Target: All
 Specific folders only:

Exceptions? Exclude Folders ...

Action: Do nothing
 Create missing
 Create missing & update existing
 Update existing only
 Remove

Remove Bookmark - To Do's

Title: Status: Disabled

Click on cells to en/disable Runtypes &

START	LOGIN	User Interface	END
Before Login (BL)		After Login (AL)	Client Shutdown
BL Init	Before Login	ExitNotes	Before DL
	Before Sync	Before Roam	After Login
	After Write	Backgr. Init	FSAC
	Backgr.		Shutdown

Persistent
 Once only
 Once a day only
 Once from start to end

Remarks:

Target

Link
 Action (Formula)
 URL

Bookmark properties Target-type: <input type="radio"/> Database <input type="radio"/> Document <input checked="" type="radio"/> Named Element Link-type: <input checked="" type="radio"/> Relative <input type="radio"/> Hinted <input type="radio"/> Absol. Replica-ID: 0000000:00000E00 Name(d Elem.): ToDoFS Class (optional): 6	Search for existing bookmark Match: <input type="radio"/> Match any target-type <input checked="" type="radio"/> Match target-type only Match: <input checked="" type="radio"/> Match any link-type <input type="radio"/> Match link-type only Match: is always matched Match: <input type="radio"/> Match any name <input checked="" type="radio"/> Match target name only <input type="radio"/> Match custom RegExp ... Match: <input checked="" type="radio"/> Match any class <input type="radio"/> Match target class only
---	--

Target folders

Target: All
 Specific folders only:

Exceptions? Exclude Folders ...

Action: Do nothing
 Create missing
 Create missing & update existing
 Update existing only
 Remove

The background of the slide features a series of white, 3D rectangular blocks arranged in a stepped pattern, receding into the distance. On the left side, a white step ladder with blue caps on its rungs is leaning against the blocks. A thin blue vertical line is positioned to the left of the main text.

Case 2:
Handling Domino applications that send mail

THIS SHOULD STILL/AUTOMATICALLY WORK

using the previously `MarvelClient` Actions

A 3D-rendered white maze with a white ladder leaning against the left wall. The ladder has blue caps on its rungs. The maze is composed of several rectangular blocks, creating a complex path. The background is a light blue gradient.

Notes Vs. Nomad

In HYBRID scenarios NOMAD WEB can be very helpful

Notes Vs. Nomad Web



	HCL Notes	HCL Nomad Web
Scope	Standard, Basic, Admin, Designer	Basic only
Requires deployment	Yes	No (browser only using URL)
Each update takes	Days / Weeks / Months	Minutes
Limitations	No (ehm yes, but)	Yes (Java, OLE, API, Filesystem, OS, ...)
Supported Operating System	Windows and macOS only	Windows, macOS, Linux (Nomad mobile on iOS and Android)
Using Mail / Mail-In-databases	Yes	Yes
Fully manageable by MarvelClient	Yes	Yes

MarvelClient Basic



<https://www.panagenda.com/marvelclient/modules/marvelclient-basic/>

THANK YOU!



Your Feedback Matters to Us





Achieving Operational Excellence in HCL Notes and Nomad

Bring the Modern and Seamless User Experience You Deserve to HCL Nomad

June 06, 2023

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Christoph Adler

HCL Ambassador & Senior Consultant

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