

# MS Outlook 2013 als Mail Client Option für IBM Domino

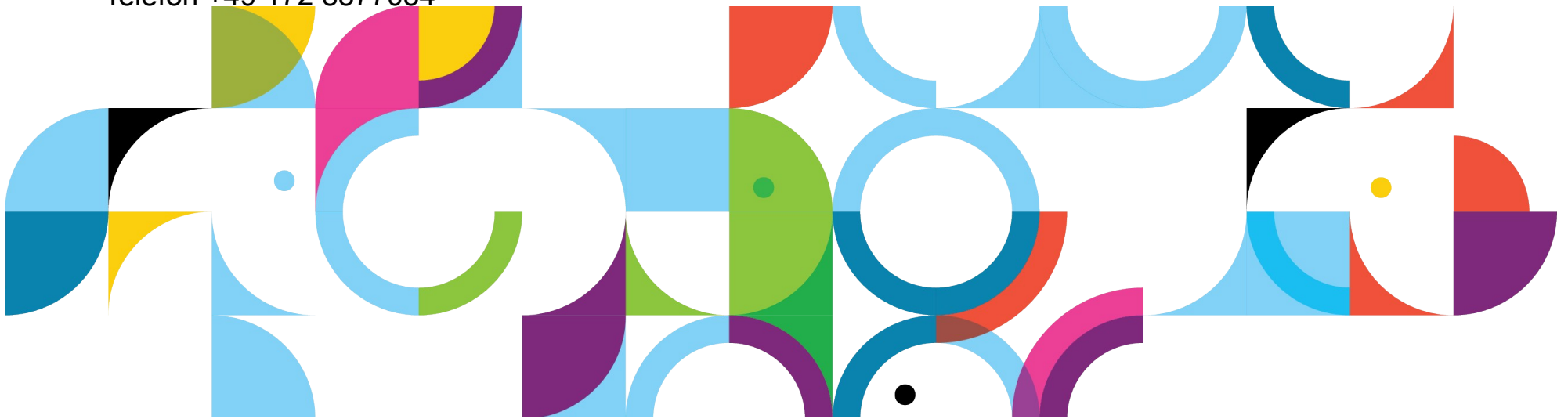
**AC15 | Track 3 | Session 7**

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# Agenda

- IBM mail support for Microsoft Outlook 2013 (formerly known as “Project Hawthorn”)
  - Glossar
  - Value Proposition
  - Overview
  - Architecture
  - Timeline
- Q&A



# Glossar

- **IMSMO**
  - IBM Mail support for MS Outlook 2013
- **IMSA**
  - IM(SMO)SA = IBM Mail (SMO) Server Addon
- **EAS**
  - Exchange ActiveSync



## IBM mail support for Microsoft Outlook 2013

### Positioning/Value Statement

“IBM mail support for Microsoft Outlook 2013” helps **selected** IBM Notes and Domino customers create more engaged employees, **avoid** rip-and-replace **costs**, and **preserves value** of existing IT, by allowing users to **choose** which email client works best for them – Outlook or Notes – with their existing Domino infrastructure...”



## Value Proposition

Who is this for? Who's the target audience?

- CIOs and VPs of IT of existing IBM Notes and Domino customers, who are at-risk of migrating users to Microsoft Outlook/Exchange
  - Highest propensity are customers involved in:
    - M&A activities (Domino infrastructure where client choice is demanded)
    - Where IBM needs to co-exist with Microsoft Outlook
    - Competitively defend against Microsoft
- Who need to...
  - Avoid managing multiple messaging server systems
  - Sleep at night in spite of users who complain about their email client
- This capability is not for all customers and all markets



## What is “IBM mail support for Microsoft Outlook 2013”?

- Allows Domino 9.0.x and Outlook 2013 to communicate via Exchange ActiveSync (EAS)
  - Outlook 2013 natively offers EAS account configuration
  - This is a capability vs. separate solution (i.e., IMAP, POP3, etc.)
- A lightweight Outlook 2013 add-in exposes additional functionality beyond what Outlook 2013 natively offers for EAS configurations
  - Leverages Domino REST services
- Capabilities
  - Mail, calendar, contacts, delegation, offline, search, Notes encryption, OOO, etc.
- Limitations
  - Outlook 2013 only (Win 7+)
    - No support for prior Outlook versions possible (only Outlook 2013 supports EAS v14)
    - No Mac support (EAS not supported for Mac Outlook offerings)



# Requirements

## ■ Client

- Outlook 2013 on Windows only

## ■ Server

- Platforms (Domino 64-bit)
  - Windows 64-bit
  - AIX
  - Linux
- Requires:
  - Domino release 9.0.1 FP3/4
  - HTTP protocol
  - IDVault

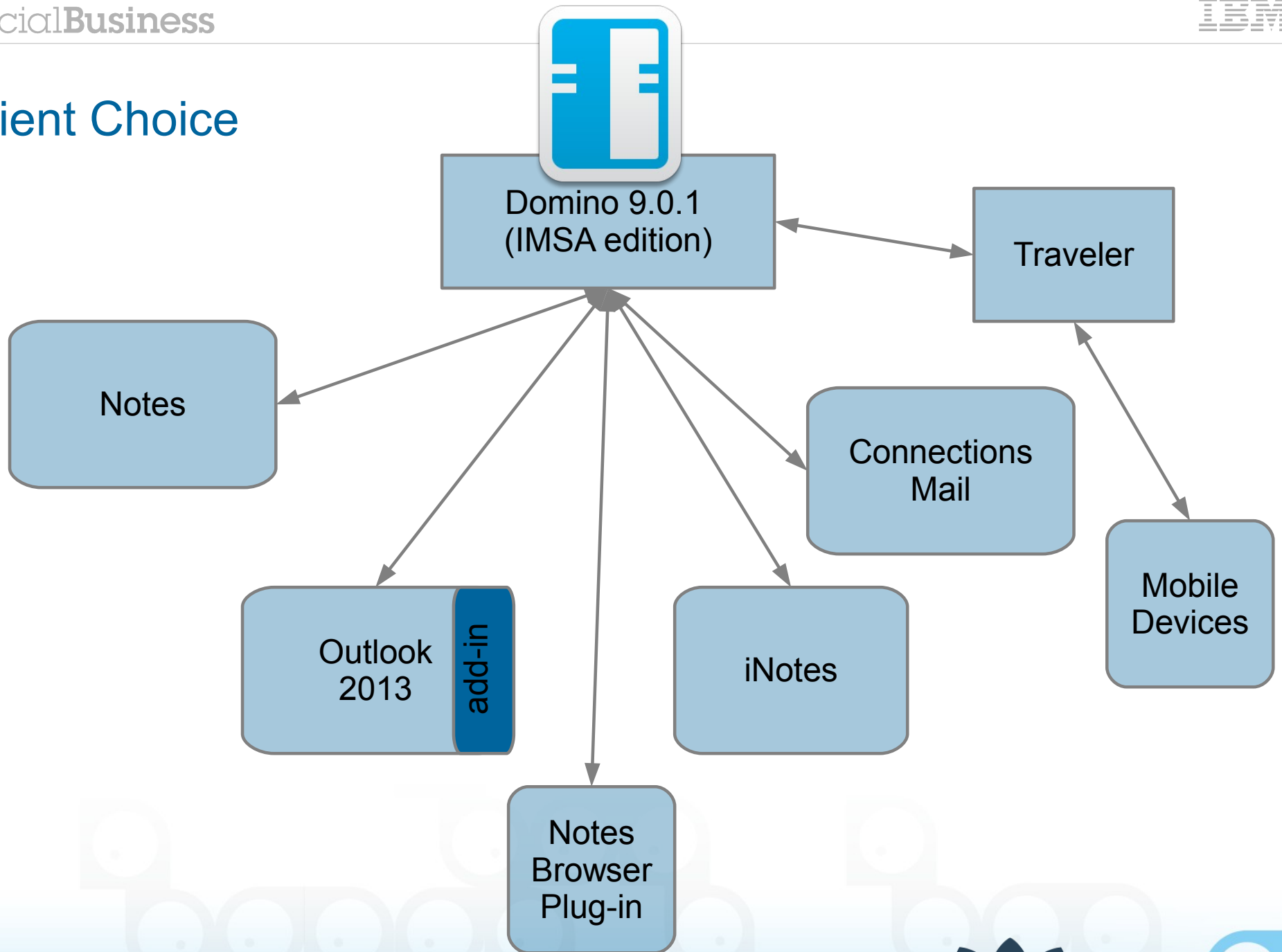


## ■ Other considerations:

- Clients must use local mail files (this is a syncing solution, which means there is no direct server access for mail files)



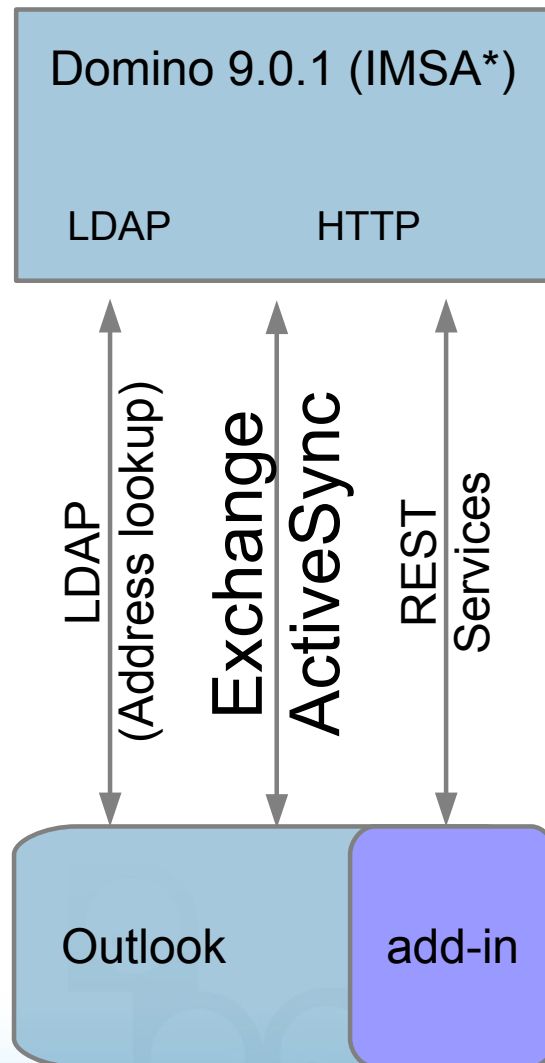
# Client Choice





# IBM mail support for Microsoft Outlook 2013

## Architectural diagram



- Primary Domino communication via HTTP
  - Exchange ActiveSync synchronizes all data
    - Mail, calendar, contacts, folders
  - REST services expose advanced capabilities through the add-in
    - Out of office
    - Encryption
    - Room finder
    - Quota management
    - Delegate management
- Address book search via LDAP
  - Native Outlook capability
  - Any LDAP will work (not just Domino)

\*IMSA = IBM Mail (SMO) support Add-on



# IBM mail support for Microsoft Outlook 2013

## Benefits of EAS solution

- Server-side implementation
  - Easy-to-maintain
  - Avoids a heavy client footprint
- Leverages and compliments existing Traveler product
  - Traveler is highly-used and well-tested
- EAS (Exchange Active Sync) is well-defined, well-documented, industry-approved
- Leverages the native \*.ost data store (same as Exchange uses)
  - Performant and secure
  - Exposes most Outlook client features “for free”
    - Offline, search capabilities, advanced views and filtering, local archiving, local mail rules, social network integration, etc.

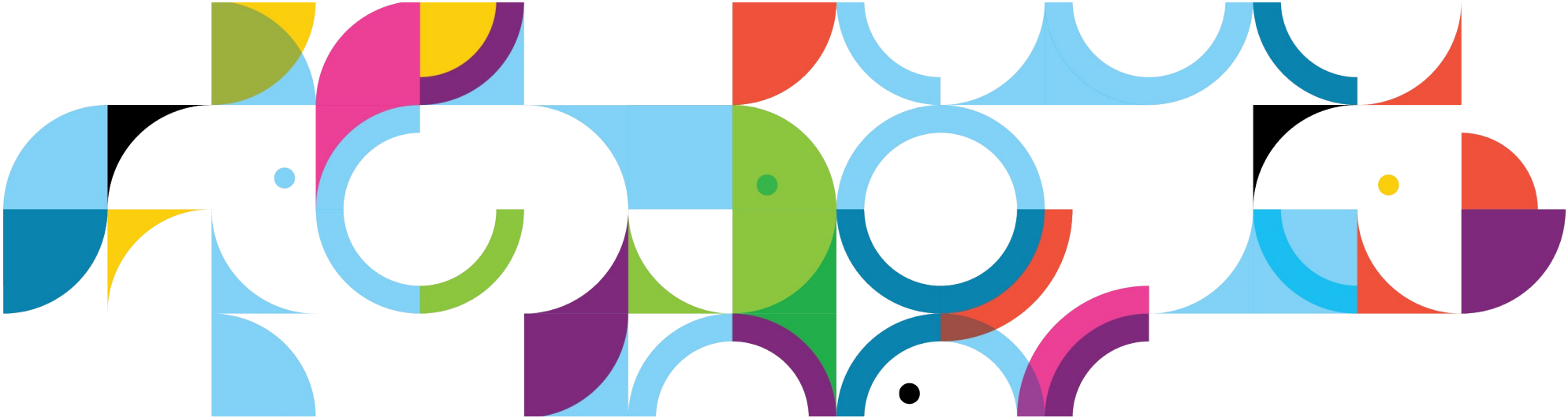


## Target Milestones

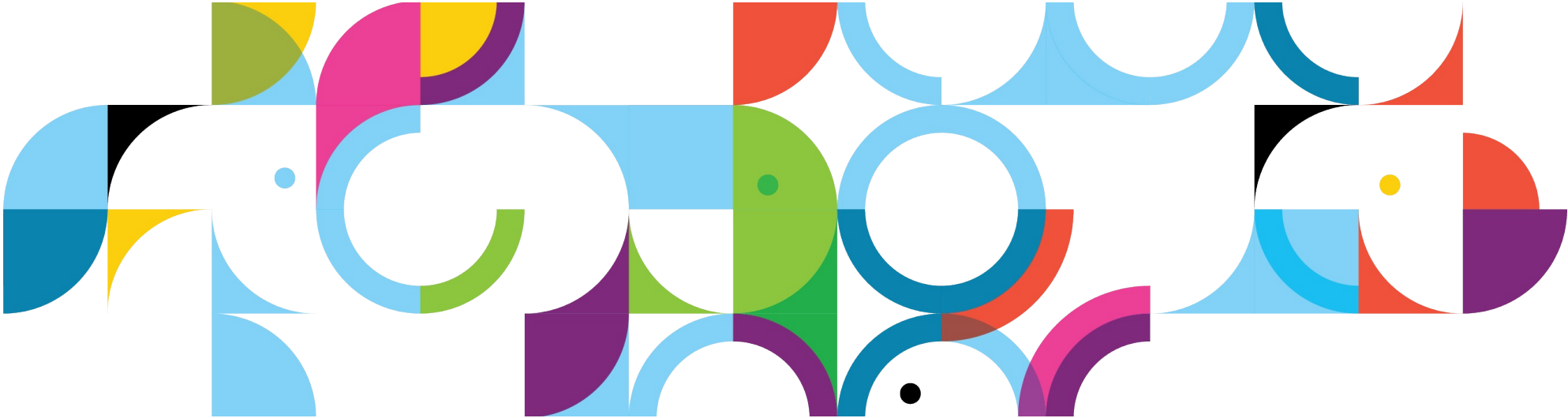
- July IMSMO FP 4 (Update August)
- Q4/2015
  - IMSMO General availability (on request)
- Q1/2016
  - SmartCloud Notes
- General Availability will align with a future Domino release



# Demo



# Deep Dive



## Administration(20.000m)

- Installation IMSA
- Konfiguration des Servers
- Installation IMSMO Addin auf den Outlook Clients



## Administration (5000m)

- Domino (64) 9.0.1 FP4
  - Windows 64 Bit, Linux oder AIX
- Maildatenbanken müssen auf dem IMSMO Server liegen
  - Unterschied zu Traveler
- ID-Vault
  - Lesen/Schreiben verschlüsselter eMails
    - Mechanismus entspricht dem von iNotes
    - Im Moment kann auf den ID-Vault verzichtet werden, wenn die ID im Mailfile vorhanden ist



# Administration (500m)

## ■ DB2

- Datenbankserver, für den produktiven Einsatz, erforderlich
  - Loadbalancing, Notes IMSMO Administration und Device Synchronization Data
- Für einen Test oder ein POC (max. 25 Anwender) wird Derby als Datenbank mitgeliefert und installiert
- Derby ist nicht für den produktiven Einsatz geeignet
  - Nach einer Neuinstallation müssen die Anwender die Profile neu anlegen.
  - Ab 25 Anwendern skaliert Derby nicht mehr.
- Eine Unterstützung anderer Datenbanken ist geplant aber nicht priorisiert

## ■ HTTP/S

- Exchange Active Sync verlangt SSL
- SSL Zertifikat für Domino ist Pflicht oder aber eine vorgeschaltete Appliance oder ein SSL Proxy
- Die Outlook Clients müssen dem Herausgeber des Zertifikats vertrauen.
  - Verteilung des Herausgebers als (Windows) Gruppenrichtlinie, wenn dieser nicht bereits in der Liste der vertrauenswürdigen Herausgeber enthalten ist.

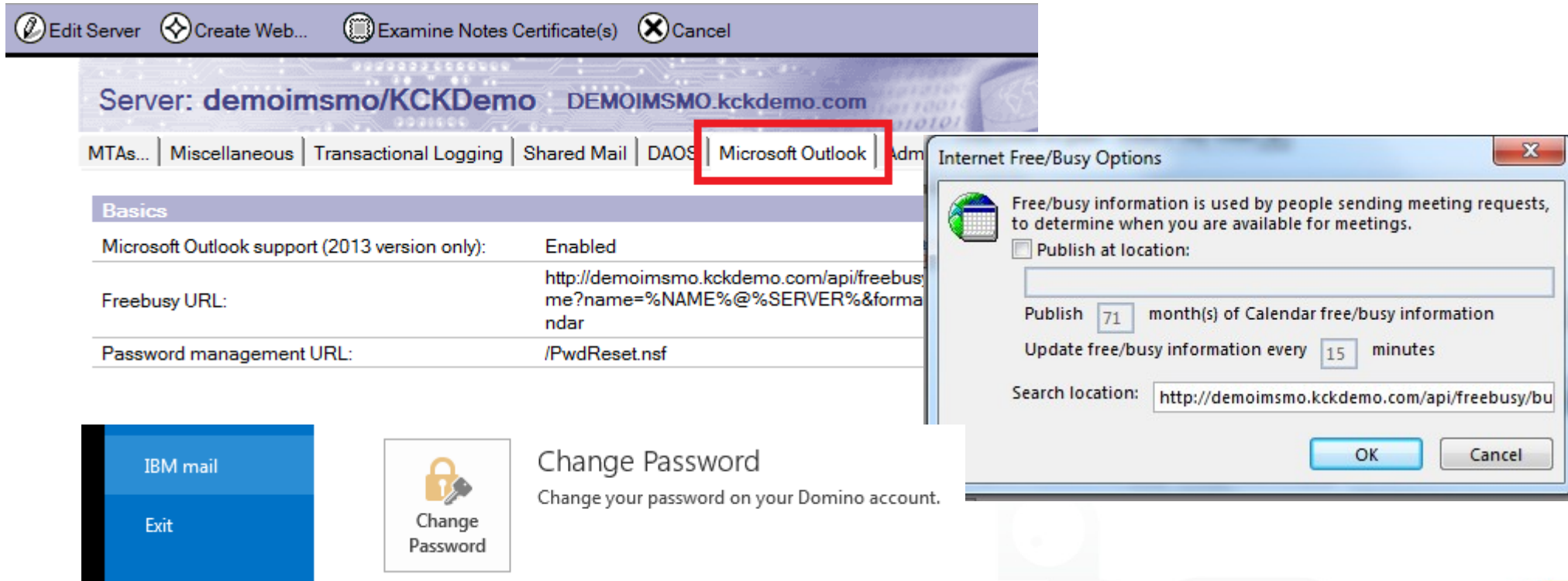




# Administration Serverdokument

- Neuer “Microsoft Outlook” Tab

- Link für “Freebusy URL” und “Password management URL”
- Diese URLs werden vom Outlook Addon verwendet bzw. Die “Freebusy URL” in Outlook gesetzt



The screenshot shows the Domino Administration Server interface for the server 'demoimsmo/KCKDemo'. The 'Microsoft Outlook' tab is selected and highlighted with a red box. The 'Basics' section is expanded, showing the following settings:

Microsoft Outlook support (2013 version only):	Enabled
Freebusy URL:	<a href="http://demoimsmo.kckdemo.com/api/freebusy/me?name=%NAME%@%SERVER%&amp;format=ndar">http://demoimsmo.kckdemo.com/api/freebusy/me?name=%NAME%@%SERVER%&amp;format=ndar</a>
Password management URL:	/PwdReset.nsf

Overlaid on the interface is the 'Internet Free/Busy Options' dialog box. It contains the following information:



- Free/busy information is used by people sending meeting requests, to determine when you are available for meetings.
- Publish at location:
- Publish  month(s) of Calendar free/busy information
- Update free/busy information every  minutes
- Search location:
- Buttons: OK, Cancel

At the bottom left, there is a blue sidebar with 'IBM mail' and 'Exit' buttons. To the right, there is a 'Change Password' button with a lock icon and the text 'Change your password on your Domino account.'



# Administration: Räume und Ressourcen

- Raum- und Ressourcenreservierung
  - Räume und Ressourcen benötigen eine Internet Adresse

 Edit Resource  Cancel

Resource: **Besprechungsraum 1/Frankfurt**

Basics | Other | Administration

**Basics**

Resource type:	Room
Resource name:	Besprechungsraum 1/Frankfurt
Capacity:	10
Resource description:	Besprechungsraum 1
Internet Address:	frankfurt_raum1@kckdemo.com
Comments:	



# Administration: Passwortänderung

- Die Passwort Änderung ist eine Option des Outlook Addons
  - Die Passwortänderung erfolgt über eine Webanwendung
  - Wenn die URL im Serverdokument nicht vorhanden ist, wird diese Option nicht angezeigt
  - Beispiel für eine Anwendung wird mit Domino ausgeliefert:  
PWDRestSample.nsf
  - Eine “bessere” Passwort Anwendung findet sich in OpenNTF
    - <http://www.openntf.org/main.nsf/blog.xsp?permaLink=NHEF-93T9ZA>
    - <http://www.openntf.org/main.nsf/project.xsp?r=project/IDVault%20Password%20Reset/releases/C6A02FE8DEFF4FB286257AF7002D3E24>



# Richtlinien/Mail Einstellungen 1/2

## Calendar and ToDo/Display

Ask me before deleting calendar and to do documents:	<input type="checkbox"/> Yes	Don't set value
Display new (unprocessed) notices:	<input checked="" type="checkbox"/> Yes	Set value and prevent changes
Process cancelled meetings automatically:	<input checked="" type="checkbox"/> Yes	Set value and prevent changes
<input type="radio"/> Remove from calendar <input checked="" type="radio"/> Show as cancelled in calendar		Set value and prevent changes
Display To Do entries in the Calendar:	<input type="checkbox"/> Yes	Don't set value
Calendar Overlay:	<input type="checkbox"/> Enabled	<input type="checkbox"/> Don't set value



# Richtlinien/Mail Einstellungen 2/2

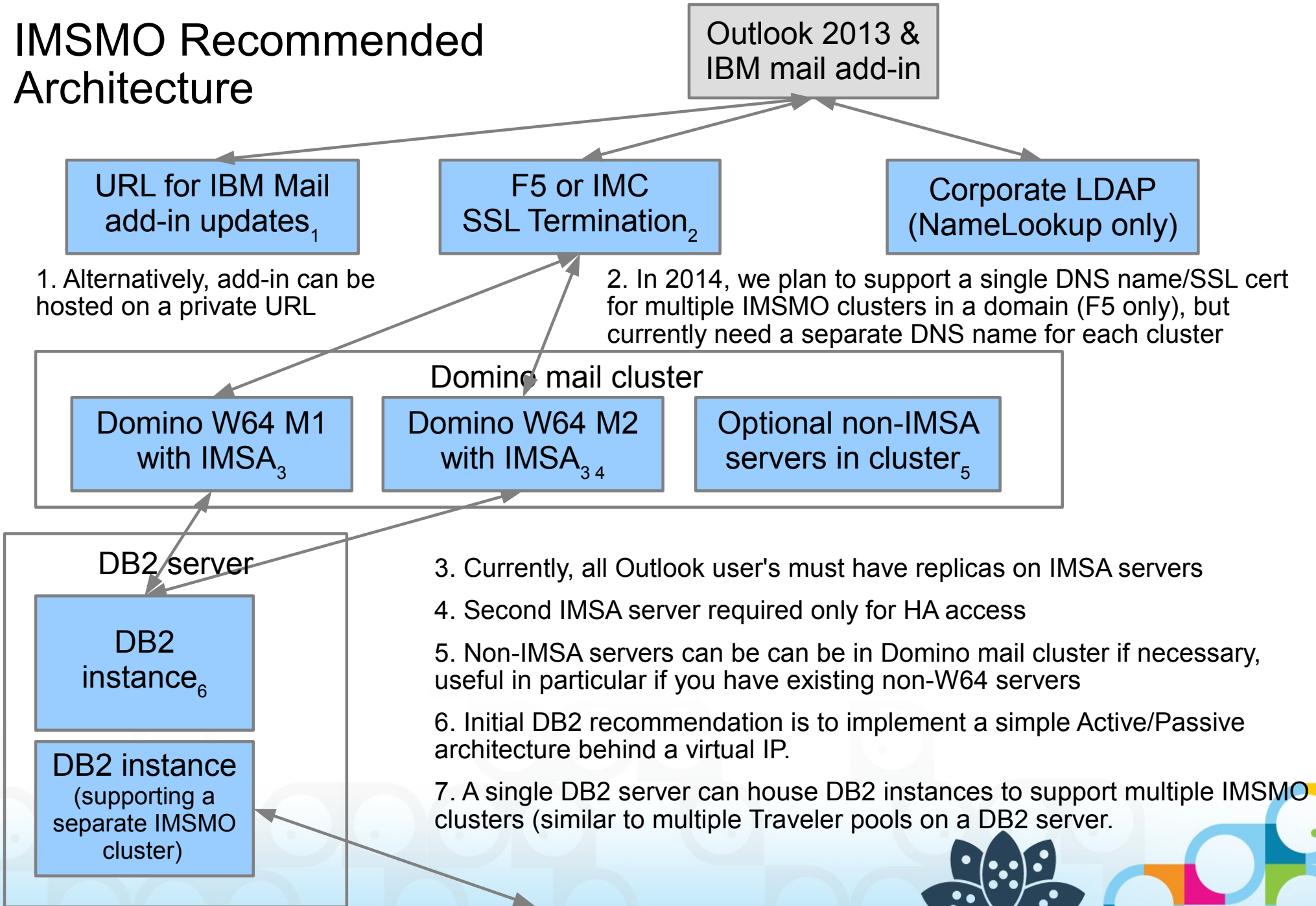
## Calendar and ToDo/Notices

Displaying Calendar Entries in Mail Views		How to apply this setting:
Display the following meeting notices in user's Inbox:	All	Set value and prevent changes
Remove meeting notices from user's Inbox after user has processed them:	<input checked="" type="checkbox"/> Yes	Set value and prevent changes
Display unprocessed meeting notices in the New Notices MiniView:	<input type="checkbox"/> Yes	Don't set value
Don't display calendar documents in the All Documents mail view:	<input type="checkbox"/> Yes	Don't set value
Don't display meeting invitations in the Sent mail view:	<input checked="" type="checkbox"/> Yes	Don't set value

Update Notice Options		How to apply this setting:
When I add or remove meeting invitees, update the other participants:	<input type="checkbox"/> Yes	Don't set value
Automatically process meeting updates and apply changes to meetings	<input checked="" type="checkbox"/> Yes	Set value and prevent changes
Keep me informed of meeting updates when I delegate meetings	<input type="checkbox"/> Yes	Don't set value
Keep me informed of meeting updates when I decline meetings:	<input type="checkbox"/> Yes	Set value and prevent changes



# IMSMO Recommended Architecture



# Erfahrungen

## ■ Geeignet für

- Anwender in einem Unternehmen, die Outlook wünschen/benötigen und die nur einen Mailaccount haben.
- Anteil der IMSMO Anwender, ca. 20% der gesamten Notes/Domino Anwender des Unternehmens

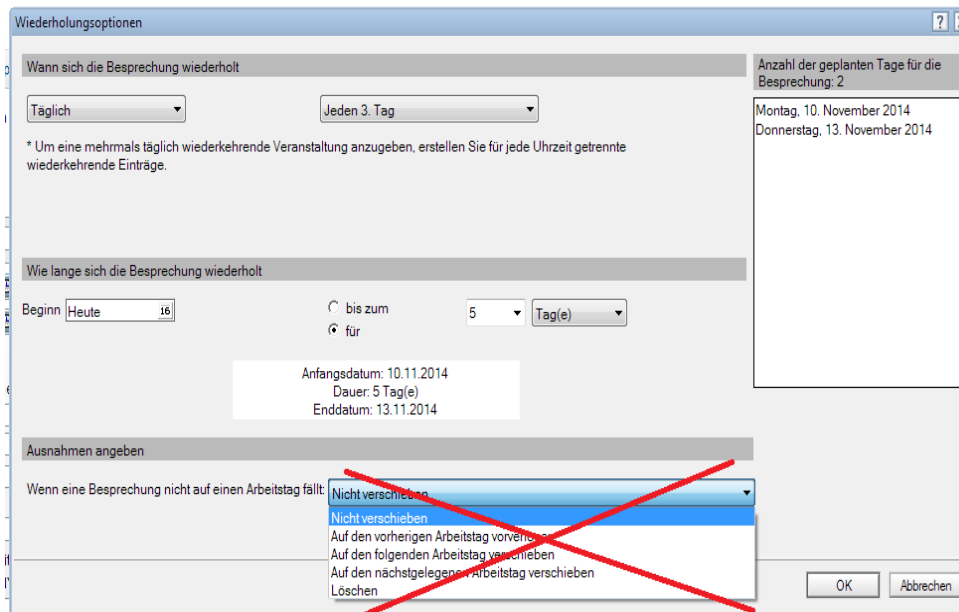
## ■ Nicht geeignet für

- Den vollständigen Umstieg eines Unternehmens auf Outlook als Mailclient
  - Ein IMSMO Server skaliert schlechter als ein iNotes Server
- Assistenten/Sekretariatsarbeitsplätze
  - Aktuell nur ein primärer IMSMO Account möglich, Vertretung seit IMSMO IF2
  - Einschränkungen beim Mischbetrieb von Exchange und IMSMO/Outlook.com Accounts
- Anwender, die häufig mit Notes/Domino Anwendungen arbeiten
  - Notes Browser Plugin/webfähige Notes Anwendungen



# Erfahrungen Kalender 1/2

- Notes kennt keine Termine, die über Mitternacht gehen...
- Outlook kennt keine komplexen Regeln, sondern nur einfache Wiederholungen



Wiederholungsoptionen

Wann sich die Besprechung wiederholt

Täglich Jeden 3. Tag

\* Um eine mehrmals täglich wiederkehrende Veranstaltung anzugeben, erstellen Sie für jede Uhrzeit getrennte wiederkehrende Einträge.

Wie lange sich die Besprechung wiederholt

Beginn Heute 18

bis zum 5 Tag(e)

für

Anfangsdatum: 10.11.2014  
Dauer: 5 Tag(e)  
Enddatum: 13.11.2014

Ausnahmen angeben

Wenn eine Besprechung nicht auf einen Arbeitstag fällt:

- Nicht verschieben
- Nicht verschieben
- Auf den vorherigen Arbeitstag vorverlegen
- Auf den folgenden Arbeitstag verschieben
- Auf den nächstgelegenen Arbeitstag verschieben
- Löschen

Anzahl der geplanten Tage für die Besprechung: 2

Montag, 10. November 2014  
Donnerstag, 13. November 2014

OK Abbrechen





## Erfahrungen Kalender 2/2

- Outlook unterstützt den iCalendar Standard nur unvollständig
  - <http://support.microsoft.com/kb/2643084/de>  
The file "not supported calendar message .ics" is not a valid Internet Calendar file.
  - ....Die Besprechung enthält ein Serienmuster, das von der RDATE-Eigenschaft definiert ist. Die Sitzung umfasst eine entsprechende RRULE-Eigenschaft jedoch nicht. In diesem Fall wird Outlook nicht das Element öffnen, selbst wenn es die von RDATE-Eigenschaft unterstützten Serienmuster gibt....
- Lösung: Notes erlaubt seit 8.5 über eine Policy den Compatibility Mode zu setzen:
  - Configuring options in Domino 8.5 to improve interoperability with non-Notes calendar users:  
[http://www-10.lotus.com/ldd/dominowiki.nsf/dx/Configuring\\_options\\_in\\_Domino\\_8.5\\_to\\_improve\\_interoperability\\_with\\_non-Notes\\_calendar\\_users](http://www-10.lotus.com/ldd/dominowiki.nsf/dx/Configuring_options_in_Domino_8.5_to_improve_interoperability_with_non-Notes_calendar_users)
- Übrigens: Google unterstützt den iCalendar Standard vollständig und versteht die Notes Kalendereinladungen, so wie es der Standard vorsieht



## 9.0.1 IBM mail support for Microsoft Outlook 2013 – Limited Availability

- Provide Outlook 2013 users with Mail, Calendar, and Contact capabilities supported via combination of current Domino native capabilities, ActiveSync enhancements to Traveler, and integrated Client add-in
- Limited language and platform support: English, Windows 7+ (client) | Windows 2012 64-bit only, Domino 9.0.1 64-bit only (server)

### Current Notable Feature Projections and Limitations

Contained	Limitations
<p><b>General</b></p> <ul style="list-style-type: none"> <li>• Mail, Calendar and Contact support</li> <li>• Automatic update of Outlook add-in from central location</li> <li>• Out of Office, Quota, Password management</li> <li>• Delegation/delegated access to mail, calendar and contacts (containment risk)</li> </ul>	<p><b>General</b></p> <ul style="list-style-type: none"> <li>• To Do (Domino 'Tasks') not supported</li> <li>• Journal, Note, Custom forms not supported</li> <li>• Access to modify Notes/ Domino preferences</li> <li>• Local mail storage required, visible delay in mail download during startup</li> </ul>
<p><b>Mail</b></p> <ul style="list-style-type: none"> <li>• Create, edit, delete/restore, send, receive, and move folders, messages, and conversations</li> <li>• Encrypt and digitally sign messages when connected to server</li> <li>• Search, filter and categorize mail</li> </ul>	<p><b>Mail</b></p> <ul style="list-style-type: none"> <li>• Sign and digitally encrypt mail and calendar entries while offline</li> </ul>
<p><b>Calendar</b></p> <ul style="list-style-type: none"> <li>• Create, update, cancel, accept, counter, and decline meetings, events and invitations</li> <li>• Find available rooms</li> <li>• View availability of invitees, rooms and resources</li> </ul>	<p><b>Calendar</b></p> <ul style="list-style-type: none"> <li>• Cannot create or view rich text and attachments in calendar entries in Outlook (Outlook limitation with ActiveSync vs. Exchange)</li> <li>• Forwarded meetings and invitations do not function the same as the Outlook/Exchange model (information will be forwarded as email vs. calendar entry)</li> <li>• Synchronization of meeting drafts is not supported</li> </ul>
<p><b>Contacts</b></p> <ul style="list-style-type: none"> <li>• Create, update, and delete contacts</li> </ul>	<p><b>Contacts</b></p> <ul style="list-style-type: none"> <li>• Contact attachments are not supported (Outlook limitation with ActiveSync vs. Exchange)</li> <li>• Group Contacts do not sync (Outlook limitation with ActiveSync vs. Exchange)</li> </ul>

# IBM mail support for Microsoft Outlook 2013

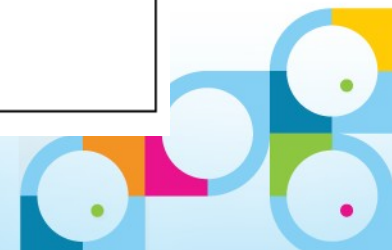
## Features and Limitations

*Table 1. General features*

Beta release capabilities	Limitations in beta release (Targeted support for Limited Availability release)	Limitations in Limited Availability release
<ul style="list-style-type: none"> <li>• Mail, Calendar and Contacts support</li> <li>• Support for native Microsoft Outlook features including search, filtering, mail merge, local PST archiving/access, local mail rules, and junk mail filtering</li> <li>• Automatic update of the Microsoft Outlook add-in from a central location</li> <li>• Out of Office management</li> <li>• Notes application management using the Notes Browser Plug-in, and integration with Microsoft Outlook where appropriate.</li> </ul>	<ul style="list-style-type: none"> <li>• Delegation/delegated access to Mail, Calendar and Contacts</li> <li>• Quota, password and delegate management</li> <li>• SAML/SSO Integration for IBM mail add-in</li> <li>• Seamless work when primary mail server is down (High Availability Support)</li> <li>• Additional serviceability options to enable easy identification, fixing and reporting of issues</li> <li>• Integration with other IBM solutions for Microsoft Outlook, including IBM Sametime® and IBM Connections</li> </ul>	<ul style="list-style-type: none"> <li>• To Do items (Domino® Tasks) are not supported</li> <li>• Journal, Note, and custom forms are not supported</li> <li>• Access to modify all Notes/Domino preferences</li> <li>• Local mail storage is required; visible delay in mail download during startup</li> <li>• Reading and creating x509-encrypted mail and calendar entries</li> </ul>

*Table 2. Mail features*

Beta release capabilities	Limitations in beta release (planned support by Limited Availability release)	Limitations in Limited Availability release
<ul style="list-style-type: none"> <li>• Create, edit, delete/restore, send, receive, and move folders, messages, and conversations</li> <li>• Encrypt and digitally sign messages when connected to a server</li> <li>• Search, filter and categorize mail</li> </ul>	<ul style="list-style-type: none"> <li>• Offline sending of encrypted messages</li> <li>• See the Beta Limitations section of this product documentation.</li> </ul>	<ul style="list-style-type: none"> <li>• Signing and digitally encrypting mail and calendar entries while offline not supported</li> </ul>



# IBM mail support for Microsoft Outlook 2013

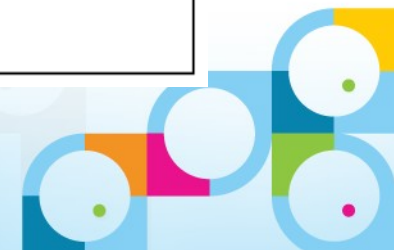
## Features and Limitations

*Table 3. Calendar features*

Beta release capabilities	Limitations in beta release (planned support by Limited Availability release)	Limitations in Limited Availability release
<ul style="list-style-type: none"> <li>• Create, update, cancel, accept, counter, and decline meetings, events, and invitations</li> <li>• Find available rooms</li> <li>• View availability of invitees, rooms, and resources</li> </ul>	<ul style="list-style-type: none"> <li>• See the Beta Limitations section of this product documentation.</li> </ul>	<ul style="list-style-type: none"> <li>• Cannot create or view rich text or attachments in calendar entries available when Microsoft Outlook 2013 is connected natively to Microsoft Exchange server. This is a Microsoft Outlook limitation with ActiveSync vs. Microsoft Exchange.</li> <li>• Forwarded meetings and invitations do not function the same as when Microsoft Outlook 2013 is connected natively to Microsoft Exchange; information will be forwarded as email vs. a calendar entry</li> <li>• Synchronization of meeting drafts is not supported</li> </ul>

*Table 4. Contacts features*

Beta release capabilities	Limitations in beta release (planned support by Limited Availability release)	Limitations in Limited Availability release
<p>Create, update, and delete contacts</p>	<ul style="list-style-type: none"> <li>• See the Beta Limitations section of this product documentation.</li> </ul>	<ul style="list-style-type: none"> <li>• Contact attachments are not supported. This is a Microsoft Outlook limitation with ActiveSync vs. Microsoft Exchange.</li> <li>• Group contacts do not sync. This is a Microsoft Outlook limitation with ActiveSync vs. Microsoft Exchange.</li> </ul>



# Side-by-side comparison: Outlook 2013 vs. iNotes 9.0...

The screenshot shows the Outlook 2013 interface. The top ribbon includes 'FILE', 'HOME', 'SEND / RECEIVE', 'FOLDER', 'VIEW', and 'IBM Connections'. The left sidebar shows the 'Inbox' with 12 items. The main pane displays a list of emails, with the most recent one selected: 'Jeff Schick - Here's a link to the engineering...'. The right pane shows the email content, including a link to a technical specification and a diagram titled 'Water Consumption (from public supply, wells, etc.)'.

Search Current Mailbox | Current Mailbox

Reply Reply All Forward

Wed 5/22/2013 10:04 PM

Jeff Schick <JeffS...>

Here's a link to the engineering

To: Jean-Philippe Desbois

<http://ars.els-cdn.com/content/image/1-s2.0-S0029549312001732-gr4.jpg>

Water Consumption (from public supply, wells, etc.)

Sanitary water: laundry, fire fighting, irrigation, etc.

Sanitary water: for make-up, filling, flushing, etc.

Waste water: from sanitary water, laundry, drain, flushing, etc.

The screenshot shows the IBM iNotes 9.0 interface. The top navigation bar includes 'File', 'Edit', 'View', 'Favorites', 'Tools', and 'Help'. The left sidebar shows the 'Mail' section with 'Inbox (12)' items. The main pane displays a list of emails, with the most recent one selected: 'Jeff Schick - Here's a link to the engineering sp...'. The right pane shows the email content, including a link to a technical specification and a diagram titled 'Water Consumption (from public supply, wells, etc.)'.

https://hawthorn.swg.usma.ibm.com/mail/jdesbois.nsf

IBM iNotes

Mail

Mail-Inbox

Jeff Schick

Here's a link to the engineering specific

To: Jean-Philippe Desbois

<http://ars.els-cdn.com/content/image/1-s2.0-S0029549312001732-gr4.jpg>

Water Consumption (from public supply, wells, etc.)

Sanitary water: laundry, fire fighting, irrigation, etc.

Sanitary water: for make-up, filling, flushing, etc.

Waste water: from sanitary water, laundry, drain, flushing, etc.

# Adding a new folder to one client “syncs” to the other...

The image shows two side-by-side screenshots of email clients. The left screenshot is Microsoft Outlook, and the right is IBM iNotes. Both show an email from Jeff Schick with a link to an engineering document. The Outlook interface shows a folder named 'My New Folder' in the left-hand pane, which is highlighted. The IBM iNotes interface shows a similar folder structure, demonstrating that the folder was synchronized between the two clients.

**Outlook Interface (Left):**

- Search Current Mailbox: Current Mailbox
- Folder List: Inbox (12), Drafts (This computer only), Sent Items, Deleted Items (1), Junk E-mail, My New Folder, Outbox, RSS Feeds, Search Folders
- Email List (Selected):
  - Jeff Schick: Plans for new facility (5/24/2013)
  - Stefano Pogliani: Nuclear Reactor (5/23/2013)
  - Stefano Pogliani: Pictures (5/23/2013)
  - Laurent Godme: Sametime test (5/23/2013)
  - Samantha Daryn: ST password (5/23/2013)
  - Samantha Daryn: Sametime server info (5/23/2013)
  - Stefano Pogliani: Sametime firewall (5/23/2013)
  - Stefano Pogliani: iCal feed (5/23/2013)
  - Stefano Pogliani: You asked me about the (5/23/2013)
  - Stefano Pogliani: https://meetings.ibm.com (5/23/2013)
  - Jeff Schick: Here's a link to the eng... (5/22/2013)
- Selected Email Content:
  - From: Jeff Schick
  - Subject: Here's a link to the engineering
  - To: Jean-Philippe Desbois
  - Link: <http://ars.els-cdn.com/content/image/1-s2.0-S0029549312001732-gr4.jpg>
  - Image: Water Consumption (from public supply, wells, etc.)

**IBM iNotes Interface (Right):**

- Folder List: Inbox (12), Drafts, Sent, Follow Up, All Documents, Junk, Trash, Views, Folders (My New Folder), Tools, Other Mail
- Email List (Selected):
  - Jeff Schick: 05/24 02:45PM
  - Jeff Schick: 05/24 09:27AM
  - Stefano Pogliani: 05/23 05:27PM
  - Stefano Pogliani: 05/23 03:34PM
  - Laurent Godme: 05/23 11:55AM
  - Samantha Daryn: 05/23 09:49AM
  - Samantha Daryn: 05/23 09:46AM
  - Stefano Pogliani: 05/23 09:45AM
  - Stefano Pogliani: 05/23 09:32AM
  - Stefano Pogliani: 05/23 06:57AM
  - Jeff Schick: 05/22 10:04PM
- Selected Email Content:
  - Subject: Here's a link to the engineering specific
  - To: Jean-Philippe Desbois
  - Link: <http://ars.els-cdn.com/content/image/1-s2.0-S0029549312001732-gr4.jpg>
  - Diagram: Water Consumption (from public supply, wells, etc.)

**Water Consumption Diagram:**

The diagram illustrates the water cycle in a facility. It shows 'Water Consumption (from public supply, wells, etc.)' entering a system. This water is used for 'Sanitary water' (laundry, fire fighting, irrigation, etc.) and 'Demineralized water' (for make-up, filling, flushing, etc.). The 'Demineralized water' is then used for 'Waste water' (from sanitary water, laundry, drain, flushing, etc.).

# Support for encrypted mail and digital signatures...

The image shows a screenshot of a Windows desktop environment. In the foreground, a Microsoft Outlook window is open, displaying an email from Jeff Schick with the subject "Can you please schedule time for us to review test plans?". The email body contains the text "Thanks...". The Outlook ribbon is set to "MESSAGE" with the "OPTIONS" tab selected. The "Mail Security" section of the ribbon shows "Encrypt Mail" checked and "Sign Mail" unchecked. A small dialog box titled "Notes ID password - Jean-Philippe Desbois" is overlaid on the Outlook window, prompting the user to "Enter your Notes ID password:" with a text input field and "OK" and "Cancel" buttons.

In the background, an IBM iNotes browser window is open, displaying an inbox of emails from Jeff Schick. The emails are sorted by date and include subjects such as "Details on the new plant", "Results of my research", and "Tech spec for new plant". The interface includes standard browser navigation and toolbars.

At the bottom of the screen, the Windows taskbar is visible, showing the system tray with the time 5:20 PM and 100% battery level. The Outlook status bar at the bottom indicates "WAITING FOR SERVER RESPONSE..." and "CONNECTED".

# Full calendar, free/busy time support in either client...

The screenshot displays the Outlook calendar interface. A dialog box titled "Appointment Recurrence" is open, showing the following details:

- Appointment time:** Start: 5:00 PM, End: 5:30 PM, Duration: 30 minutes.
- Recurrence pattern:** Daily, Every 1 day(s).
- Range of recurrence:** Start: Tue 7/30/2013, End after: 4 occurrences.

The background shows a calendar view for the week of July 29, 2013, to August 02, 2013. The calendar grid shows time slots from 07 AM to 06 PM. The status bar at the bottom indicates "Day 211 - 154 days left in the year".



# Change a recurring meeting in either client...

Calendar - jean-philippedesbois@renovations.com - Outlook

FILE HOME SEND / RECEIVE FOLDER VIEW IBM Connections

New Appointment  
New Meeting  
New Items >

Go To  
Arrange  
Manage Calendars  
Share  
Find

I am available @ Home Office | Arlington, TX  
Computer > Contacts >

Sametime

July 2013

August 5 - 9, 2013

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
5					
6					
7					
8					
9		Review Te			
10					
11	Review Te		Review Te		Review Te
12 PM					
1					
2					
3					
4				Review Te	
5					
6					
7					

My Calendars

Calendar

ITEMS: 5 ALL FOLDERS ARE UP TO DATE. CONNECTED 100%

https://hawthorn.swg.usma.ibm.com/mail/jdesbois.nsf One Work Week

File Edit View Favorites Tools Help

IBM iNotes Jean-Philippe Desbois

Calendar

Mail-Inbox x Calendar-On... x

Jean-Philippe Desbois  
Hawthorn/IBM

Today July 30, 2013

2013 August

Views  
One Day  
Two Days  
One Work Week  
One Week  
Two Weeks  
One Month  
One Year

Meeting Notices  
Group Calendar

Other Calendars

My Calendars Add

August 05, 2013 - August 09, 2013

	Monday 5	Tuesday 6	Wednesday 7	Thursday 8	Friday 9
07 AM					
08					
09		Review			
10					
11	Review		Review		Review
12 PM					
01					
02					
03					
04				Review	
05					
06					

All Hands Room  
Accepted: Review Test Plans  
CN=All Hands Room/O=IBM has been reserved for Review Test Plans meeting on 08/08/2013. <end>

Day 217 - 148 days left in the year

100%

5:18 PM

# Room Finder support...

The screenshot displays the Outlook 2010 interface with a meeting titled "Review Test Plans - Meeting" selected. The "Find Rooms" dialog box is open, showing the following details:

- Room availability summary info**
- Site:** IBM
- Date:** 7/30/2013, 5:00 PM (Local time), Until: 5:30 PM, 0h 30m
- Room Size:**  Any,  Filter room size by number of attendees
- Select rooms to reserve:**
  - 1234 - Test/IBM (10)
  - All Hands Room/IBM (50)
  - Conference Room 2401/IBM (18)
  - Conference Room 2419/IBM (8)

Buttons for "OK" and "Cancel" are visible at the bottom of the dialog.

In the background, a calendar view for "July 29, 2013 - August 02, 2013" is visible, showing a grid with time slots from 07 AM to 06 PM. The system tray at the bottom shows the time as 5:05 PM and 100% battery.

# Receive Doclinks in Outlook 2013...

The screenshot displays the Outlook 2013 interface. The main window shows an email from Jeff Schick with the subject "Here's the engineering diagram for the Hinkley Point nuclear power plant". The email body contains a document link. A secondary window titled "Mail - Sent - IBM Notes" is open, showing the content of the linked document, which is an engineering diagram for the Hinkley Point nuclear power plant. The interface includes a ribbon with tabs like FILE, HOME, SEND / RECEIVE, FOLDER, VIEW, and IBM Connections. The left sidebar shows the mailbox structure, and the bottom status bar indicates "1 document selected" and "Online".

**Outlook Main Window:**

- Subject: Jeff Schick - Mail
- From: Jeff Schick
- Date: Tue 7/30/2013 5:22 PM
- Body: Here's the engineering diagram for the Hinkley Point nuclear power plant
- Attachment: [Link]

**Mail - Sent - IBM Notes Window:**

- From: Jean-Philippe Desbois
- Date: 5:22 PM
- Body: Here's the engineering diagram for the Hinkley Point nuclear power plant

**Outlook Mailbox List:**

From	Subject	Time
Jeff Schick	Here's the engineering ...	5:22 PM
All Hands Room	Accepted: Review Test ...	5:18 PM
All Hands Room	Accepted: Review Test ...	5:18 PM
All Hands Room	Accepted: Review Test ...	5:18 PM
All Hands Room	Accepted: Review Test ...	5:15 PM
All Hands Room	Accepted: Review Test ...	5:15 PM
All Hands Room	Accepted: Review Test ...	5:15 PM
All Hands Room	Accepted: Review Test ...	5:13 PM
Jeff Schick	Here's the nuclear plan...	9:53 AM
All Hands Room	Accepted: Review Test ...	9:51 AM

# Domino application support for Outlook 2013 users...

The image shows two overlapping windows from a Windows 7 desktop. The background window is Microsoft Outlook 2013, displaying an email inbox for 'jean-philippedesbois@renovations.com'. The inbox list includes several messages from 'All Hands Room' and one from 'Jeff Schick'. The foreground window is the 'IBM Notes Browser Plug-in' interface, which provides instructions on how to use IBM Notes applications within a web browser. It features sections for 'Where's my stuff?' (Bookmarks and Roaming Users), 'Tips for Keyboard Users', and 'Working with Mail, Calendar, and Contacts'. The status bar at the bottom of the Outlook window indicates 'WAITING FOR SERVER RESPONSE...' and 'CONNECTED'.

**Outlook 2013 Interface:**

- Window Title: Inbox - jean-philippedesbois@renovations.com - Outlook
- Navigation: FILE, HOME, SEND / RECEIVE, FOLDER, VIEW, IBM Connections
- Tools: Reply, Reply All, Forward, Delete, Quick Steps, Move, Tags, Find
- Search: Search Current Mailbox | Current Mailbox
- Inbox List:
  - Jeff Schick: Here's the engineering ... 5:22 PM
  - All Hands Room: Accepted: Review Test ... 5:18 PM (CN=All Hands)
  - All Hands Room: Accepted: Review Test ... 5:18 PM (CN=All Hands)
  - All Hands Room: Accepted: Review Test ... 5:18 PM (All Hands Room/IBM has)
  - All Hands Room: Accepted: Review Test ... 5:15 PM (CN=All Hands)
  - All Hands Room: Accepted: Review Test ... 5:15 PM (All Hands Room/IBM has)
  - All Hands Room: Accepted: Review Test ... 5:15 PM (All Hands Room/IBM has)
  - All Hands Room: Accepted: Review Test ... 5:13 PM (All Hands Room/IBM has)
  - Jeff Schick: Here's the nuclear plan... 9:53 AM
  - All Hands Room: Accepted: Review Test ... 9:51 AM (CN=All Hands)

**IBM Notes Browser Plug-in Interface:**

- Window Title: notes:home
- Menu: File, Edit, View, Favorites, Tools, Help
- Section: **IBM Notes Browser Plug-in**  
Work with any IBM Notes application without leaving your Web browser
- Section: **Where's my stuff?**
  - Bookmarks:** A new "Notes Applications" folder now appears in your browser's bookmarks. This folder contains the same Notes bookmarks that you find in the Notes client 'Open' list. [Learn more](#)
  - Roaming Users:** The "Notes Applications" bookmarks folder in your browser is available when you roam. [Learn more](#)
- Section: **Recent Applications**
  - IBM's Directory
  - Welcome
  - Engineering Documents
  - Workspace
- Section: **Tips for Keyboard Users**
- Section: **Working with Mail, Calendar, and Contacts**
- Status: Using application on Local

# In Outlook 2013, open Doclinks in Notes Browser Plug-in...

The image shows a screenshot of the Outlook 2013 interface on the left and a Notes browser window on the right. The Outlook window displays an email from Jeff Schick with the subject "Here's the engineering ..." and a Doclink icon. The Notes browser window shows the document content, including a "Doc Library" header, metadata (Subject: Hinkley Point layout, Originator: Jeff Schick/IBM), and a technical diagram of a TMI-2 reactor system. The diagram illustrates the primary and secondary loops, including the reactor core, steam generator, turbine, generator, condenser, and cooling tower.

**Doc Library**  
Main Topic  
Jeff Schick/IBM  
05/27/2013 09:20 AM

**Subject:** Hinkley Point layout  
**Category:** Diagrams, Reactor

**Originator:** Jeff Schick/IBM

**Reviewers:**

**Review Options**  
Type of review: One reviewer at a time  
Time Limit: No time limit for each review  
Options: Notify originator final reviewer after:

**TMI-2**

**REACTOR BUILDING**  
Pressurized relief valve, Block valve, Safety valve, Pressurizer, Steam generator, PORV, Control rods, Reactor core, Pressurized relief tank, Reactor coolant pump

**TURBINE BUILDING**  
Turbine, Generator, Condensate pump, Main feedwater pump

**COOLING TOWER**  
Circulating water pump, Transformer

Primary, Secondary (non nuclear)

Using application on Hawthorn/IBM



Info

Open &amp; Export

Save As

Save Attachments

Print

Office Account

Options

IBM mail

Exit

Automatic  
Replies

### Automatic Replies (Out of Office)

Use automatic replies to notify others that you are out of office, on vacation, or not available to respond to e-mail messages.



Delegation

### Delegation

You can allow other people or groups to have access to all or part of your mail file (Mail, Calendar, To Do and Contacts).

Mail  
Cleanup

### Mail Cleanup

You have unlimited quota on your mail server.

Change  
Password

### Change Password

Change your password on your Domino account.

IBM mail  
Help ▾

### IBM mail Help

IBM mail add-in help.

Additional functionality delivered  
via simple Outlook 2013 add-in...