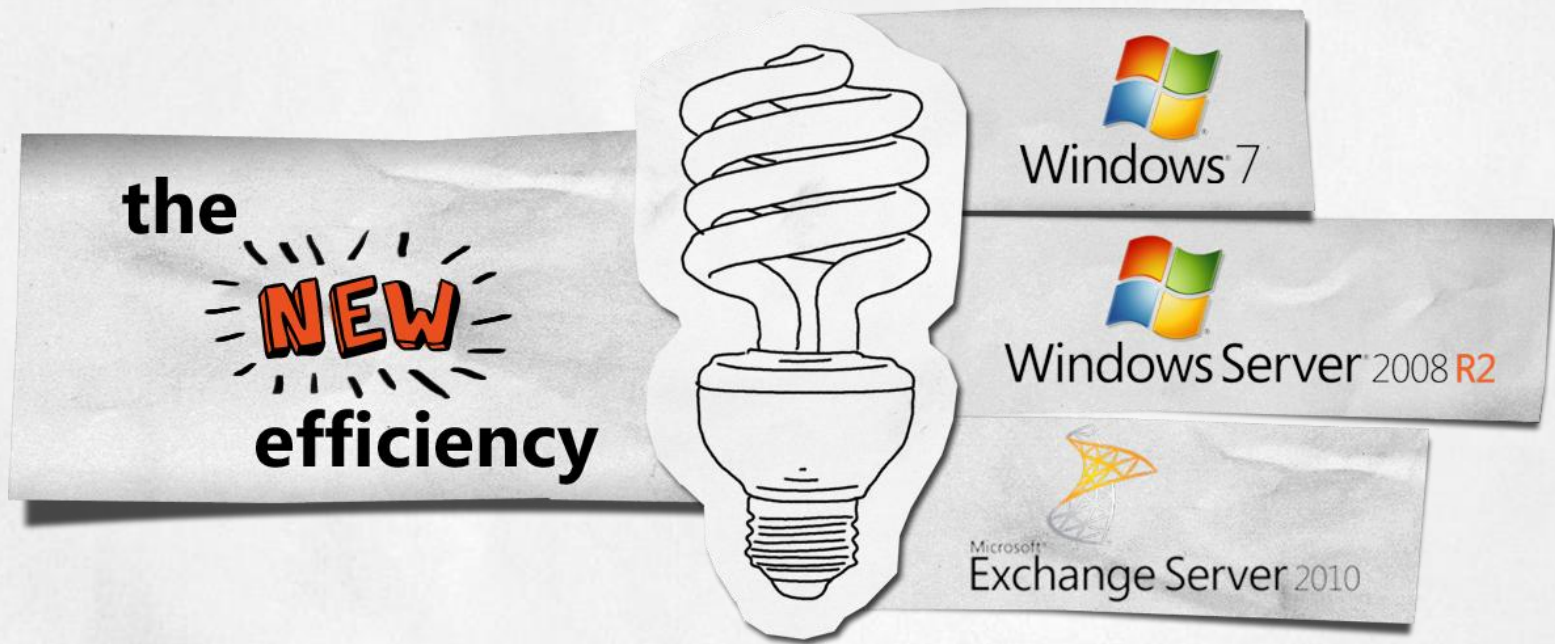




A la découverte d'Exchange Server 2010

CHRISTOPHER MANEU
MICROSOFT STUDENT PARTNER
BEWISE

► Qui a une adresse email ?

- ▶ Qui a un compte SIP sur son adresse email ?

De nouveaux besoins "business"

"Our Sales teams need to connect with the right customers and systems while on the road"

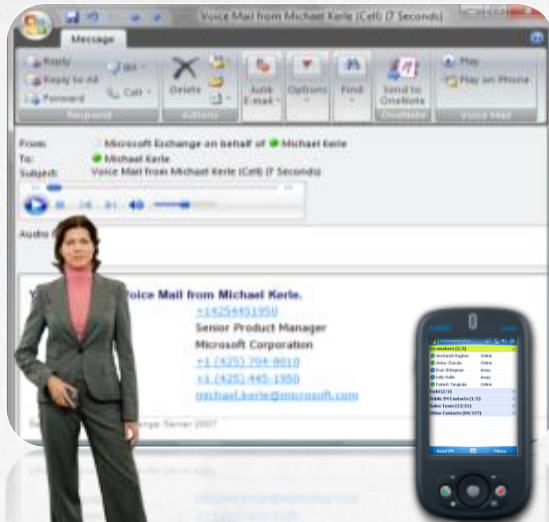
- VP of Sales

"I need to deliver secure and compliant communications tools to support a highly distributed workforce."

- CIO/Technology Director

"I need to reduce hardware costs and operational overhead."

- IT Manager, Messaging Infrastructure



De nouveaux besoins "business"



"Sur-Communication"



Des partenaires aux 4 coins du monde



Le budget télécommunications élevé



Sécurité et conformité



Microsoft® Exchange Server 2010



Microsoft®

Exchange Server 2010

Microsoft®

Flexible and Reliable

- Continuous Availability
- Simplify Administration
- Deployment Flexibility

Anywhere Access

- Manage Inbox Overload
- Enhance Voice Mail
- Collaborate Effectively

Protection and Compliance

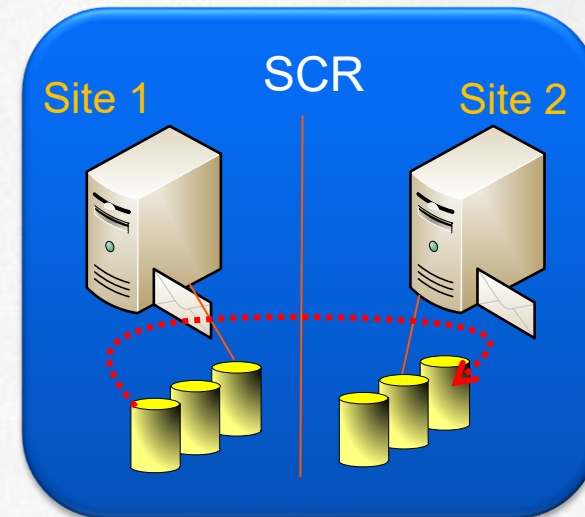
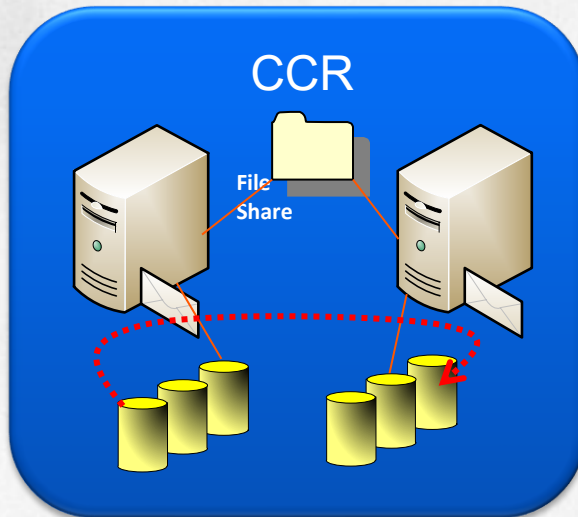
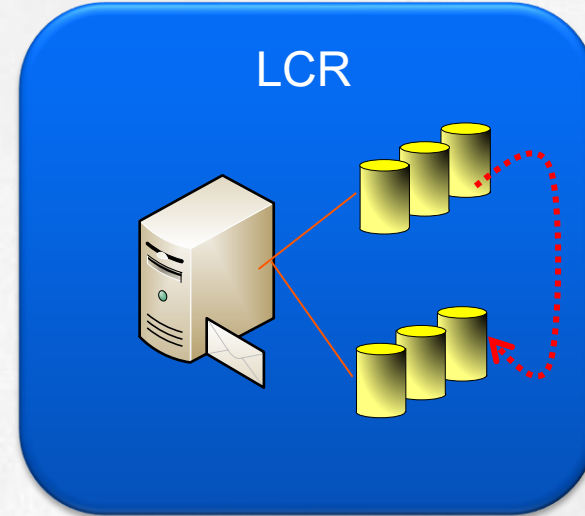
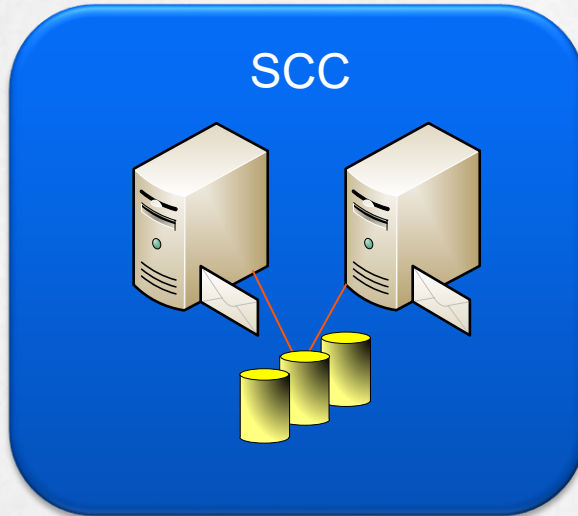
- E-mail Archiving
- Protect Communications
- Advanced Security



Software + Services



Haute disponibilité Exchange 2007



Haute disponibilité Exchange 2010

DAG

Database Availability Group

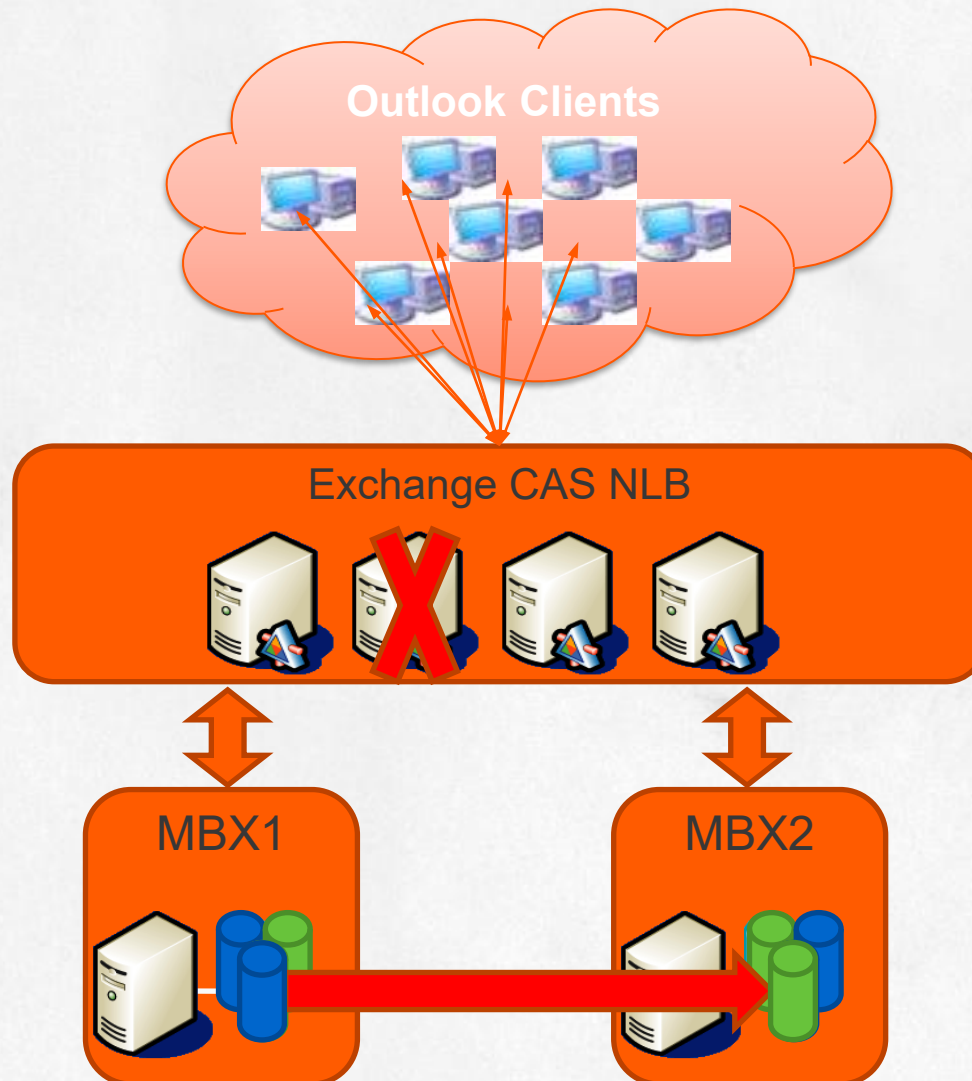
Le DAG en images



- ▶ Evolution des technologies "Continuous Replication"
- ▶ Simplicité de déploiement et de maintenance
- ▶ Jusqu'à 16 répliqués par base de données

*Et si je ne peux plus me
connecter au CAS ?*

Continuous Availability

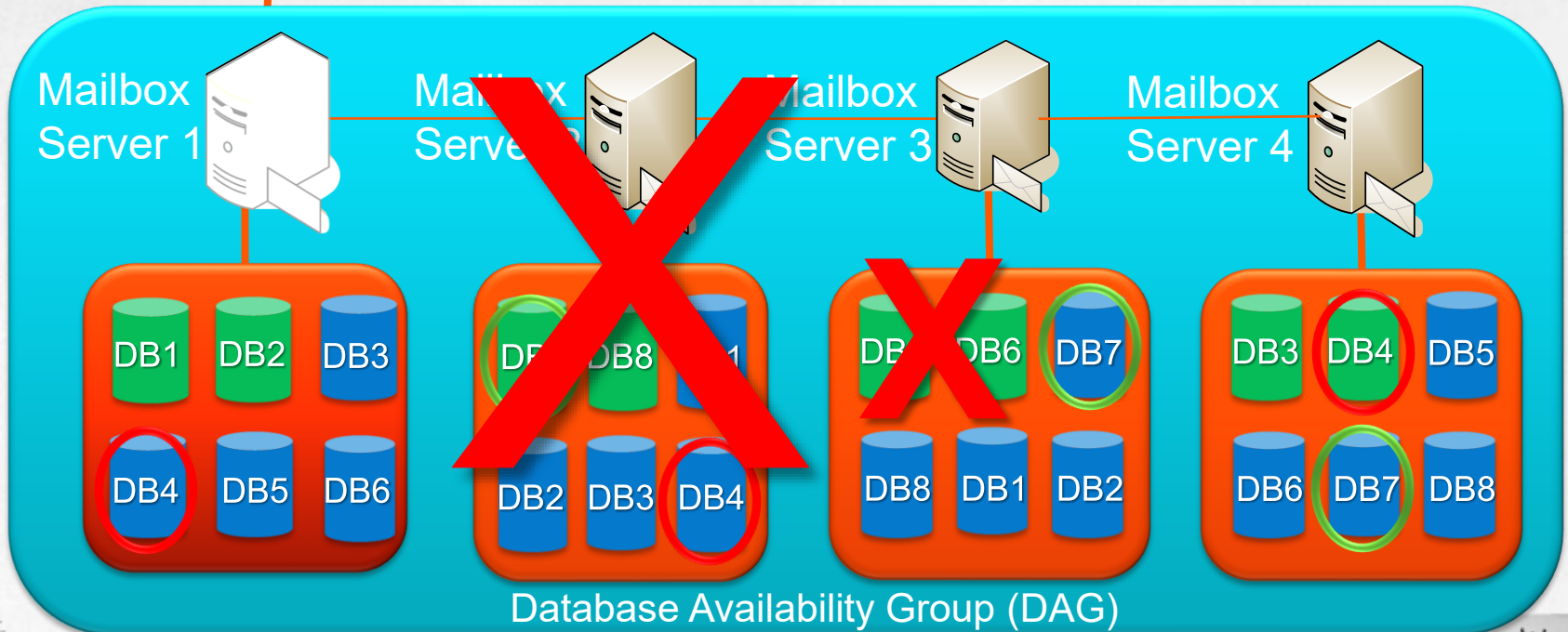


Donc c'est vraiment sur ?

AD: Dublin



- Single Mailbox Server 1
- Server 2 fails
- Server 3 upgrade is done
- 2 > 1 > 2 = 2 physical Copies





demo

Le pouvoir aux utilisateurs !

Donnez-leur les pleins pouvoirs (ou presque)

Connectez-vous de partout

Desktop

Microsoft®
Outlook® 2010

Microsoft®
Office Outlook® 2007

Microsoft®
Entourage®:mac 2008

Web

Microsoft®
Outlook® Web App



Mobile

Microsoft® Office Outlook® Mobile Windows Mobile®

Microsoft®
**Exchange
ActiveSync**

DataViz®
Compatibility. Instantly.

B3S
Big Bang System Corporation

NOKIA



HELIO™

palm.

Remoba

Sony Ericsson

symbian

Trop de mails ?

The screenshot shows the Microsoft Outlook Web App interface. On the left is a navigation pane with folders like 'Inbox (24)', 'Arno (2)', 'Shane! (1)', 'Tailspin Toys (1)', 'Drafts', 'Sent Items', 'Notes', 'Junk E-Mail', 'Deleted Items (1)', 'Search Folders', 'Online Archive - Bob Kelly', 'Northwind Traders', 'Tailspin Project', 'Deleted Items', 'Contact List', 'Business and Marketing', 'Todd Meadows', 'Legal', 'Product Group', 'Other Contacts', and 'No contacts in this group'. The main area displays an email conversation titled 'Come One, Come All!'. The email content includes: 'Please remove me from this list!', 'From: Oleg Anashkin', 'Sent: Thursday, March 12, 2009 3:05 PM', 'To: Ben Miller; Kelley LeBeau; Leah Clelland; Karan Khanna; Goran Mihelcic; Esther Engstrom; Fabien Hernoux; Britta Simon; Cat Francis; All_Users', and 'Subject: RE: Come One, Come All!'. Below this, another email from Alan Shen is visible, dated Thursday, March 12, 2009 3:12 PM, with the subject 'RE: Come One, Come All!'. A context menu is open over the email list, showing options like 'Reply', 'Reply All', 'Forward', 'Chat', 'Forward as Attachment', 'Mark as Unread', 'Retention Policy', 'Create Rule...', 'Junk E-Mail', 'Delete', 'Ignore Conversation', 'Move to Folder...', 'Copy to Folder...', and 'Open Delivery Report'. The 'Ignore Conversation' option is highlighted. A yellow arrow points from the 'Ignore Conversation' text label to this option in the menu. Another yellow arrow points from the 'Conversation View' text label to the email conversation area. A third yellow arrow points from the 'Instant Messaging' text label to the 'Online Archive - Bob Kelly' folder in the navigation pane.

Microsoft Outlook Web App

Bob Kelly Sign out

Options Find Someone Expand All Newest on Top

Mail

Inbox (30 Items, 24 Unread)

Search Inbox

Arrange by: Date Newest on Top

Bob Kelly

Inbox (24)

Arno (2)

Shane! (1)

Tailspin Toys (1)

Drafts

Sent Items

Notes

Junk E-Mail

Deleted Items (1)

Search Folders

Online Archive - Bob Kelly

Northwind Traders

Tailspin Project

Deleted Items

Contact List

Business and Marketing

Todd Meadows

Legal

Product Group

Other Contacts

No contacts in this group

Add contact...

Mail

Calendar

Contacts

Tasks

Voice Mail from Todd Meadows (20 ...)

Todd Meadows 4/29/2009

Voice Mail from Evgeny Kulikov...

Evgeny Kulikov 4/14/2009

Come One, Come All! (12)

Samantha Smith 3/12/2009

Richard Carey 3/12/2009

Alar... 3/12/2009

Dan... 3/12/2009

Axe... 3/12/2009

Aa... 3/12/2009

Pe... 3/12/2009

Be... 3/12/2009

Ke... 3/12/2009

Le... 3/12/2009

Go... 3/12/2009

Est... 3/12/2009

Fat... 3/12/2009

Br... 3/12/2009

Br... 3/12/2009

Cat... 3/12/2009

Lun... 3/12/2009

Jill Sh... 3/12/2009

Acq... 3/12/2009

Tom... 3/12/2009

Voic... 3/11/2009

Bob Kelly

Confidential Information

Shane Kim 3/9/2009

Come One, Come All!

Please remove me from this list!

From: Oleg Anashkin

Sent: Thursday, March 12, 2009 3:05 PM

To: Ben Miller; Kelley LeBeau; Leah Clelland; Karan Khanna; Goran Mihelcic; Esther Engstrom; Fabien Hernoux; Britta Simon; Cat Francis; All_Users

Subject: RE: Come One, Come All!

Yes, you're making a mess. Just ignore the messages and they will stop!!

Richard Carey ME TOO!! From: Karan Khanna Sent: Thursday, M... 3/12/2009

In response to the message from Goran Mihelcic, 3/12/2009

Alan Shen

Thursday, March 12, 2009 3:12 PM

To: Karan Khanna; Goran Mihelcic; Esther Engstrom; Fabien Hernoux; Britta Simon; Cat Francis; All_Users

I need to be removed too. I cannot work with this type of distraction.

From: Karan Khanna

Sent: Thursday, March 12, 2009 3:02 PM

To: Goran Mihelcic; Esther Engstrom; Fabien Hernoux; Britta Simon; Cat Francis; All_Users

Subject: RE: Come One, Come All!

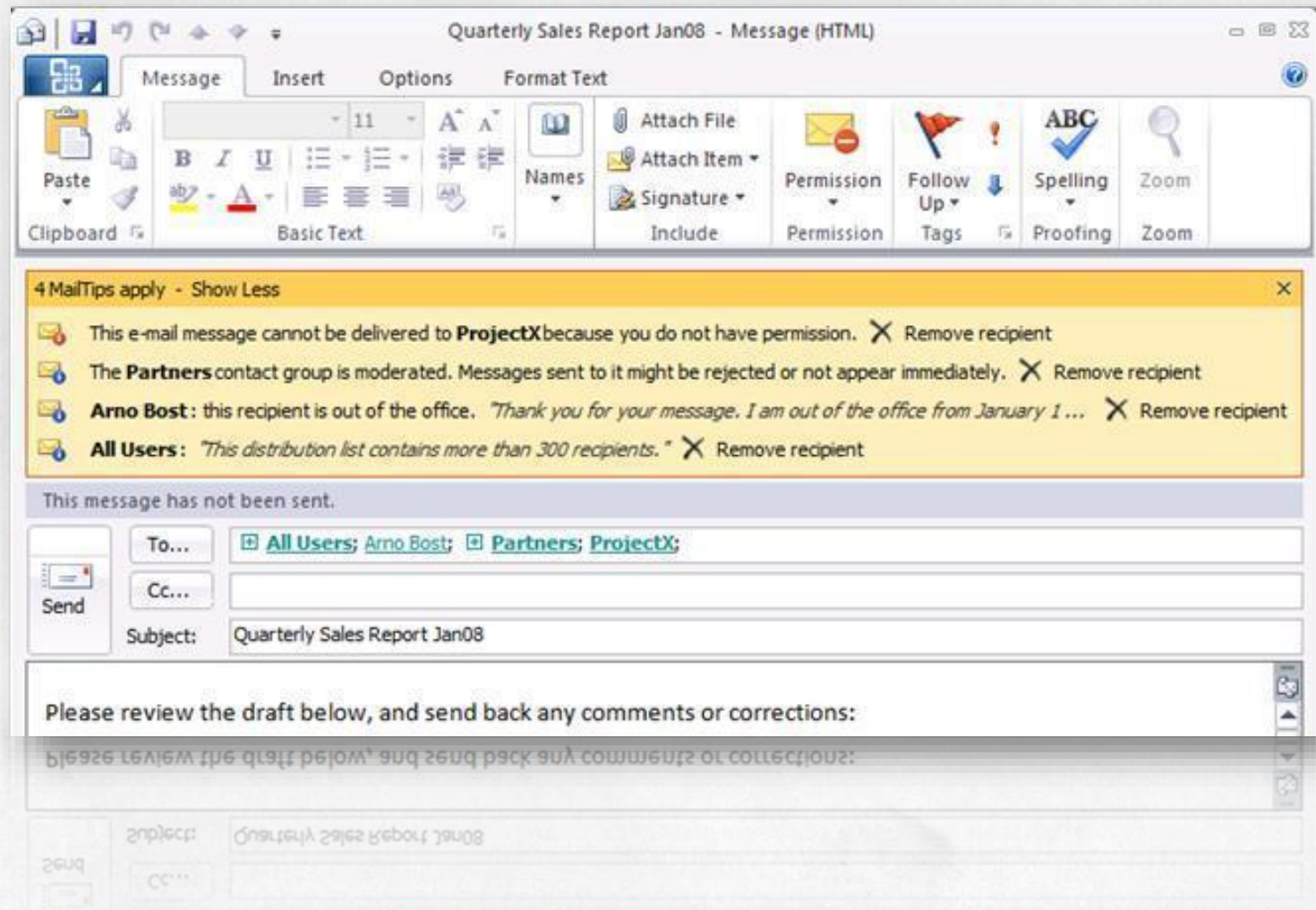
Please remove me from this list.

Ignore Conversation

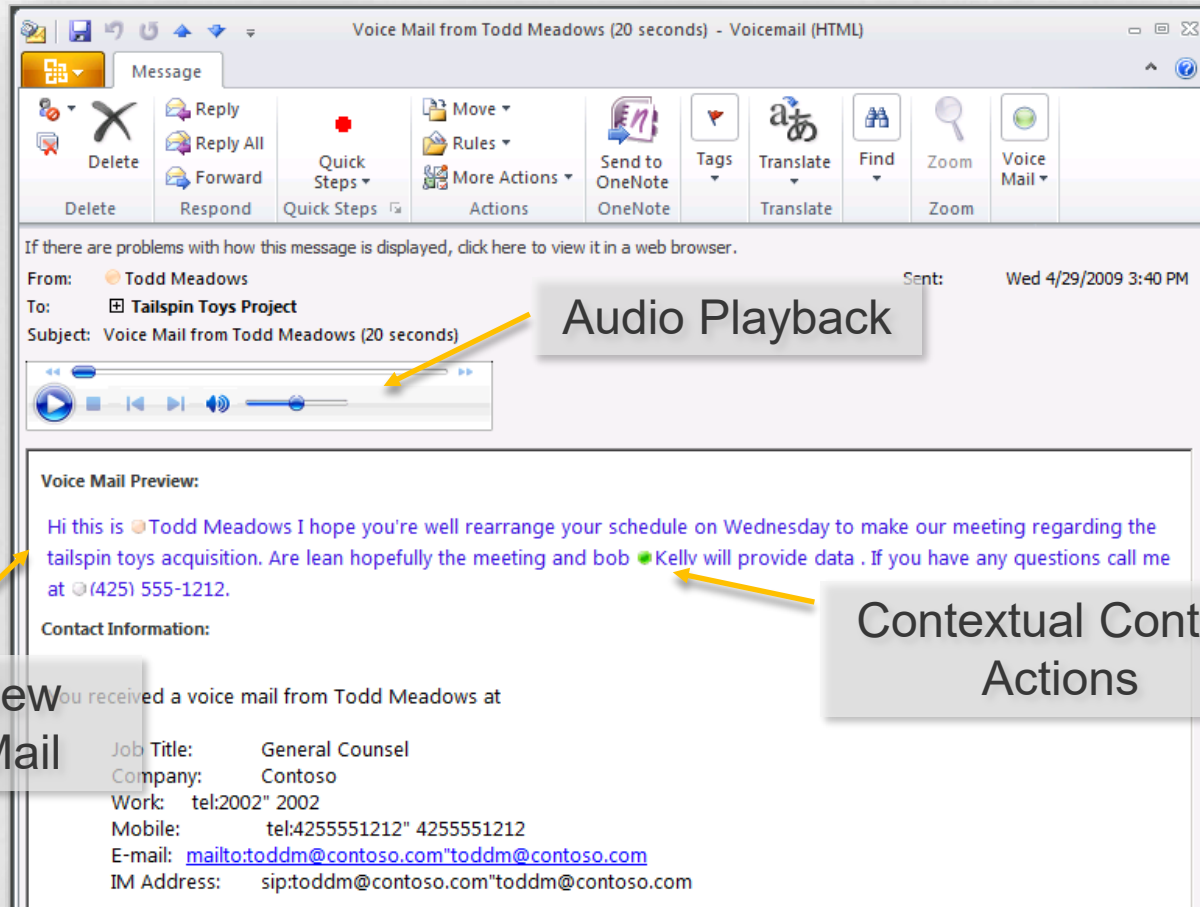
Conversation View

Instant Messaging

Trop de mails ?



Vos messages vocaux dans Outlook



Text Preview
of Voice Mail

Contextual Contact
Actions

Enhance Voice Mail

Create Customized Voice Mail Menus and Call Answer Rules to Give Important Calls Top Priority

Microsoft® Outlook Web App

Ian Hameroff
Sign out

Account
Organize E-Mail
Settings

Phone
Block or Allow

Voice Mail Mobile Phones Text Messaging

Call Answering Rules

Choose how your calls will be handled when you do not answer. You can choose to transfer the call, or have callers leave a voice message.

New Rule Edit... Delete

Enabled	Name
☒	Vacation Coverage

Name
Vacation Coverage

Rule Description

If all the following conditions are met:

- ☒ Automatic replies are turned on

Provide the caller with this menu:

- ☒ For My Manager, press 1 to transfer to Michael Atalla
- ☒ Press # to record a voice message

Add Conditions

- If the caller is...
- If it is during this period...
- If my schedule shows that my status is...
- If automatic replies are turned on

Add Actions the Caller Can Select

- Find me at the following numbers...
- Transfer the caller to...
- Leave a voice message

Greeting and Prompts

- ☒ Call the Play on Phone number to play or record a greeting for this call answering rule...
- ☒ Let callers interrupt the greeting while it's being played

Save and Close Cancel

Managing Call Answer Rules

Defining a Custom Voice Mail Menu

Stockage : a vous de choisir !



Storage Area
Network (SAN)

Microsoft®
Exchange Server 2003



Direct Attached
w/ SAS Disks

Microsoft®
Exchange Server 2007



Direct Attached
w/ SATA Disks



JBOD SATA
(RAID-less)



Microsoft®
Exchange Server 2010

Protection and Compliance

Achieve increased IT governance compliance with integrated tools to preserve, protect and discover e-mail communications

Delivered in Exchange Server 2007

- ▶ On-premises and hosted protection from virus and spam
- ▶ Compliance to corporate and government regulations
- ▶ Mobile device security and management policies

Building on these Investments in Exchange Server 2010

- ▶ Integrated archiving capabilities
- ▶ Rules-based protection of e-mail and voice mail messages
- ▶ Granular retention policies and powerful multi-mailbox search

E-Mail Archiving

Preserve and Discover E-mail Data Without Changing the User or IT Pro Experience

Preserve

Discover

**Personal
Archive**

**Move and
Delete Policies**

Hold Policy

**Multi-Mailbox
Search**

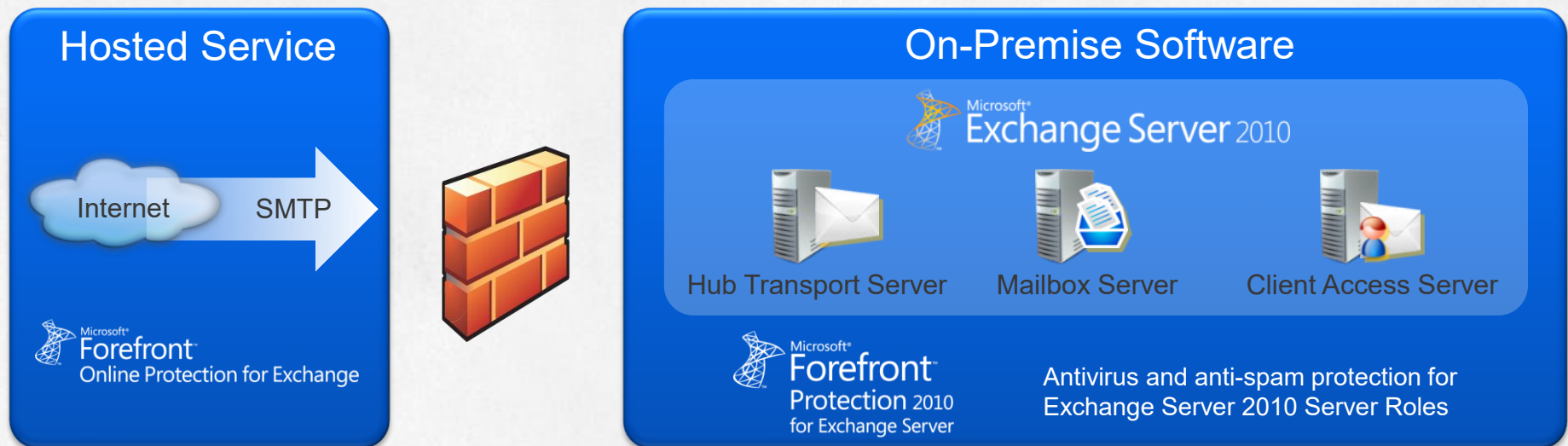
- ▶ Seamless integrated experience in Outlook and Outlook Web App
- ▶ Granular retention policies that do not disrupt user workflow
- ▶ Powerful and easy to use web-based e-Discovery tools

Protégez les communications



Advanced Security

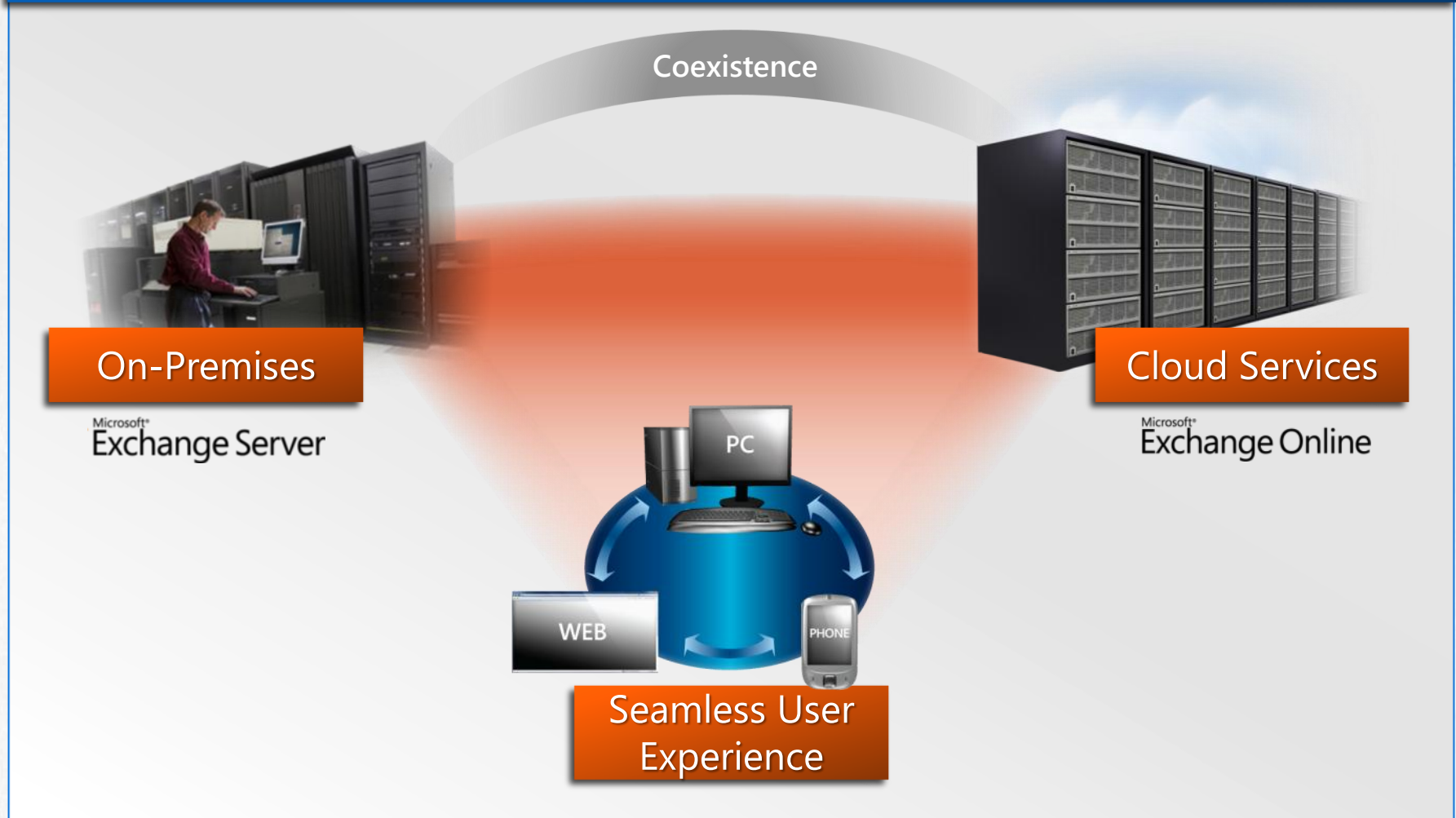
Stop Malicious Software and Spam from Entering into the Messaging Environment



- ▶ Multiple scan engines throughout the corporate infrastructure
- ▶ Tight integration with Exchange maximizes availability and performance
- ▶ Easy-to-use management console for central configuration and operation

Transportez-vous dans les nuages

Deploy Exchange in the way that best fits your business needs





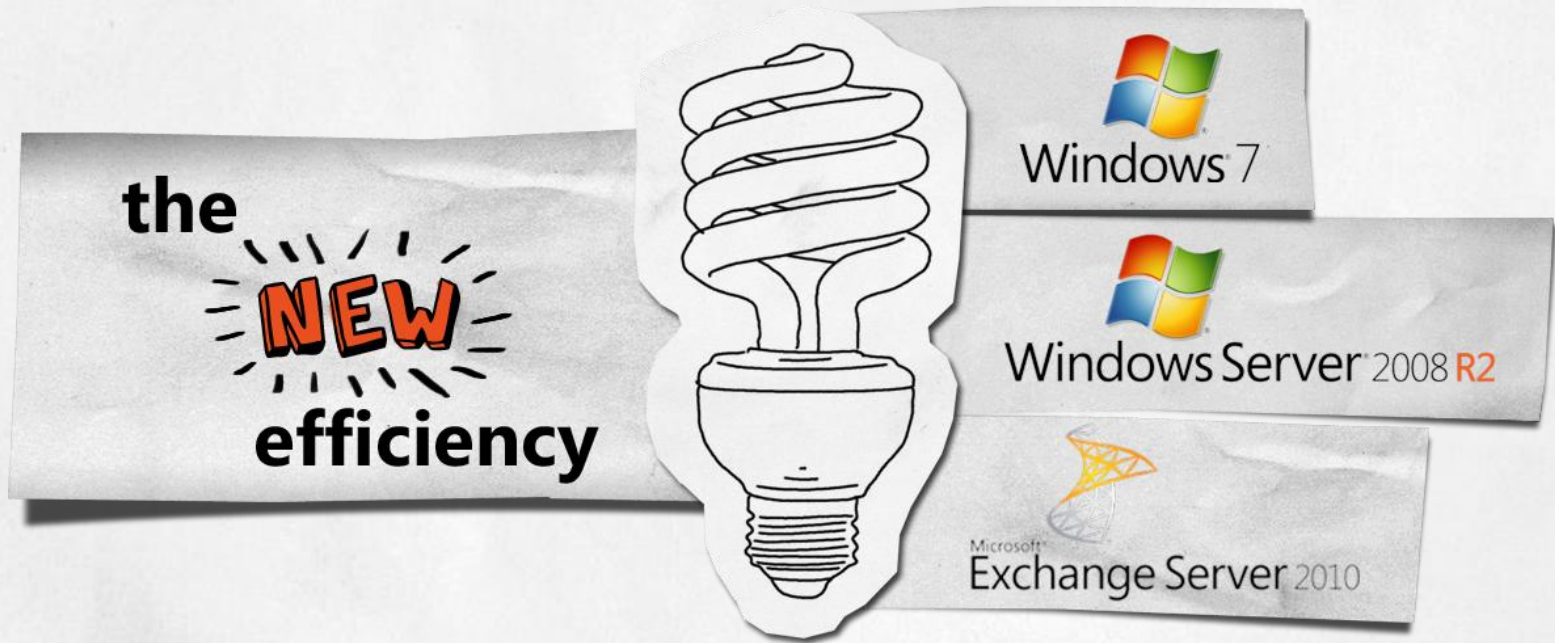
the **NEW** efficiency



Microsoft®

Exchange Server 2010

- ▶ **Réduire les coûts** de production
- ▶ **Augmenter la productivité** et permettre une connectivité depuis n'importe où (ou presque)
 - ▶ Une meilleure **gestion du risque et de la conformité**



Questions Réponses