

A group of five diverse professionals are gathered around a wooden table in a cafe or office setting. They are working on laptops and discussing documents. The scene is lit with warm, ambient lighting, suggesting a collaborative and productive environment. The background shows other people working at tables, creating a busy, professional atmosphere.

# Microsoft Teams

## Chat-based workspace in Office 365

**Johan Delimon**

Solution Architect, Consulting & Training  
Skype for Business MVP / MCSM Communications / MCT  
[+32 478 790227](tel:+32478790227) | [johan@delimon.be](mailto:johan@delimon.be) |



# Johan Delimon / Skype for Business Architect (MVP/MCM/MCT)



**idelimon BVBA**

[johan@delimon.be](mailto:johan@delimon.be)



 @jdelimon

## 20+ Years of Microsoft Experience/Knowledge

Enterprise Architect

Skype for Business / Lync / Exchange / Office 365 / Active Directory

48 MCP Exams to date

## Speaker @

Microsoft Ignite 2015 (Chicago, US) <http://bit.ly/1cq6jXX>

TechED US 2014 (Houston, US) <http://bit.ly/1KB8nHN>

Lync Conference 2014 (Las Vegas, US) <http://bit.ly/1cq6AtT>

Microsoft TechED Europe 2013 (Madrid, ES) <http://bit.ly/1KXLb7o>

Techdays Belgium 2009-2013, European Office 365 Connect (NL), ITPROceed, User Group Events and many more ...

## 9 Years Microsoft Most Valuable Professional (MVP)

2008-2009 : MVP Exchange Server

2009-2010 : MVP Office Communications Server

2010-2014 : MVP Lync Server

2014-2015 : MVP Skype for Business

2016-2017 : MVP Office Servers & Services

MVP Public Profile : <http://bit.ly/1jZ3IAv>

## 6 Years Communications Master

2012 : MCM Lync Server 2010

2013 : MCSM Communications

## Community Leader:

Belgian E-Communications  
User Group

<http://www.be-com.eu/>



## Microsoft Extended Experts Team (MEET)

<http://bit.ly/1p1CroV>



## 7 Years Microsoft Certified Trainer (MCT)



Microsoft Lync™ Server  
2010



Charter -  
Communication

# TEAMS

Overview

# Collaboration is how work gets done

Employees work on nearly

# 2x

the number of teams,  
compared to 5 years ago



**Internal & External Team Members**  
Team members outside the firewall need unfettered access



**Geographically Distributed**  
Need varied ways to connect across locations and time-zones



**Multi-Generation Workforce**  
Different expectations and preferences for tools

# Different groups have different needs



Chat-based  
Workspace



Mail &  
Calendar



Voice, Video  
& Meetings



Co-Creating  
Content



Sites & Content  
Management



Enterprise  
Social

## Today's Challenges

### Siloed Apps

Friction across applications – multiple logins, difficulty sharing and discovering information

### Wasted Time

Context switching between different apps drains attention and time

### Shadow IT

Incomplete toolset can lead to inconsistent security, compliance and risk

# Office 365: Designed for the unique workstyle of every group



**Chat-based  
Workspace**  
Microsoft Teams



**Mail &  
Calendar**  
Outlook



**Voice, Video  
& Meetings**  
Skype



**Co-Creating  
Content**  
Office 365 ProPlus



**Sites & Content  
Management**  
SharePoint



**Enterprise  
Social**  
Yammer

## Office 365 Groups

### Complete Solution

Office 365 addresses the breadth of collaboration needs across your company

### Integrated Experiences

Office 365 Groups and Microsoft Graph enable integrated collaboration experiences

### Security and Compliance

Office 365 delivers the security, compliance and manageability required in today's workplace

# Chat-based workspace in Office 365



## Chat for today's teams

Communicate in the moment and keep everyone in the know



## A hub for teamwork

Give your team quick access to information they need right in Office 365



## Customizable for each team

Tailor your workspace to include content and capabilities your team needs every day.



## Security teams trust

Get the enterprise-level security and compliance features you expect from Office 365.

# TEAMS

How I use it



# Files

Belgium (EU UG Event) | Microsoft Teams

EU UG Event > Belgium

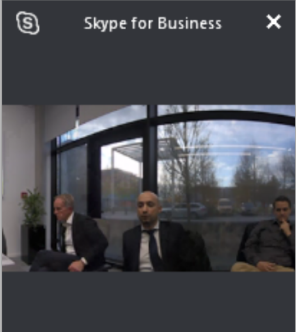
Conversations Files Wiki +

Belgium

New Upload Get link Open in SharePoint

Type	Name	Modified	Modified by	Size
PPTX	Microsoft Teams Pitch Deck.pptx	Yesterday	Johan Delimon	147.67 MB

Skype for Business



# Sync your Team Files Offline

The screenshot shows the SharePoint web interface for a team site. The browser address bar shows the URL: `ggehosted.sharepoint.com/sites/EUUGEvent/Shared%20Documents/Forms/AllItems.aspx?RootFolder=/sites/EUUGEvent/Shared Documents/Belgium&FolderCTID=0x01200083C5A2F5`. The page header includes "Office 365" and "SharePoint". The main content area displays the "EU UG Event" team site with a "Privegroep" (Private group) status. A notification bubble says "Deze bibliotheek synchroniseren op uw computer" (Sync this library to your computer). Below the notification, there are action buttons: "Nieuw" (New), "Uploaden" (Upload), "Delen" (Share), "Koppeling ophalen" (Get link), "Synchroniseren" (Sync), and "Stroom" (Stream). The main content area shows a list of documents in the "Belgium" folder. The table below shows the document details:

	Naam	Gewijzigd	Gewijzigd door	
	Microsoft Teams Pitch Deck.pptx	20 minuten geleden	Johan Delimon	

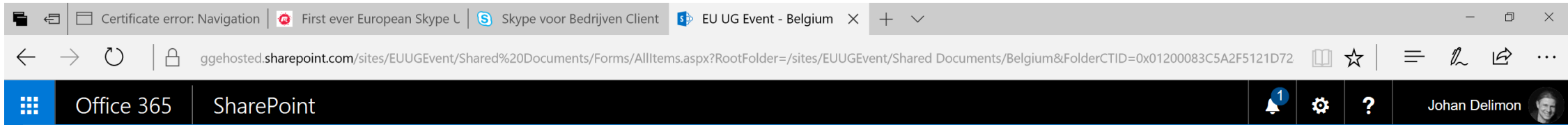
The screenshot shows the Windows File Explorer interface. The address bar displays "SharePoint". The ribbon includes "File", "Home", "Share", and "View". The "Clipboard" group contains "Pin to Quick access", "Copy", "Paste", "Copy path", and "Paste shortcut". The "Organize" group contains "Move to", "Copy to", "Delete", and "Rename". The "New" group contains "New folder". The main pane shows a list of sync locations under "SharePoint":

- Quick access
  - Desktop
  - Downloads
  - Documents
  - Pictures
  - 2017
  - Facturen UcandC
  - Genisys
  - Phase3
- OneDrive - GeniSys Global Enterprise I
- OneDrive - idelimon
- OneDrive - Personal
- SharePoint
  - Engineering - Documents
  - Knowledge Base - Documents
  - Management - Documents
  - Projects - Documents
  - Sales - Documents
  - Staff - Documents
- This PC
- Network

The right pane shows a list of folders with columns for "Name" and "Date modified":

Name	Date modified
Engineering - Documents	22/02/20
Knowledge Base - Documents	1/04/201
Management - Documents	16/02/20
Projects - Documents	16/02/20
Sales - Documents	1/04/201
Staff - Documents	14/03/20

# Syncing Files



Did you mean to switch apps?

Did you mean to switch apps?  
"Microsoft Edge" is trying to open "Microsoft OneDrive"

Meld u aan met uw  
johan.delimon@ggehosted.com  
dit wordt gevraagd.

Als er niets gebeurt, moet u de  
nieuwste versie van OneDrive downloaden.

Microsoft OneDrive

## Sync your OneDrive files to this PC

Choose what you want to download to your "EU UG Event - Belgium" folder. You can get to these items even when you're offline.

Sync all files and folders in EU UG Event - Belgium

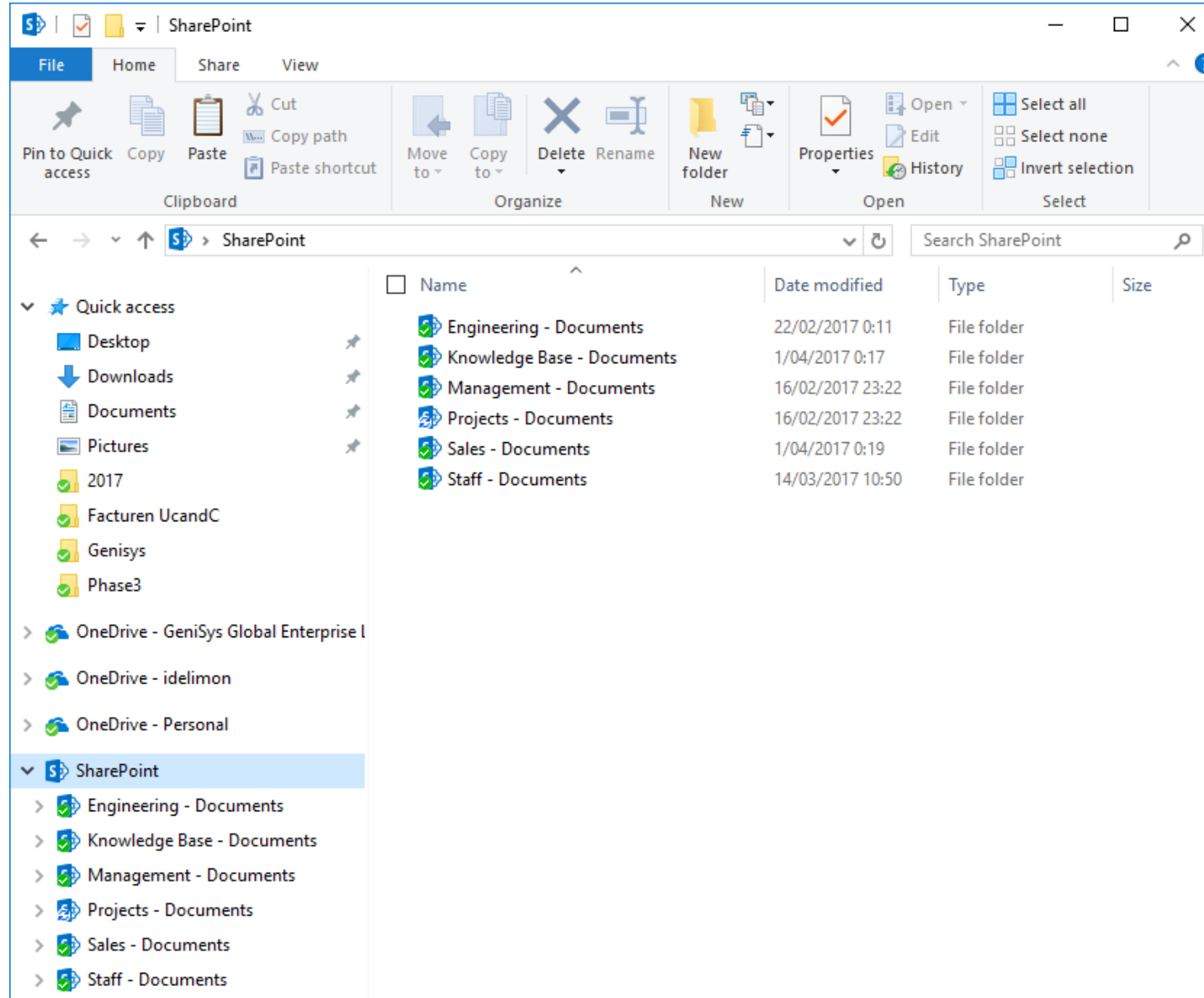
Or sync only these folders:

Files not in a folder (0,0 KB)

Location on your PC: C:\Data\GeniSys Global Enterprise LLC\EU UG Event - Belgium  
Selected: 0,0 KB Remaining space on C: 150,3 GB

[Start sync](#)

# Offline Files

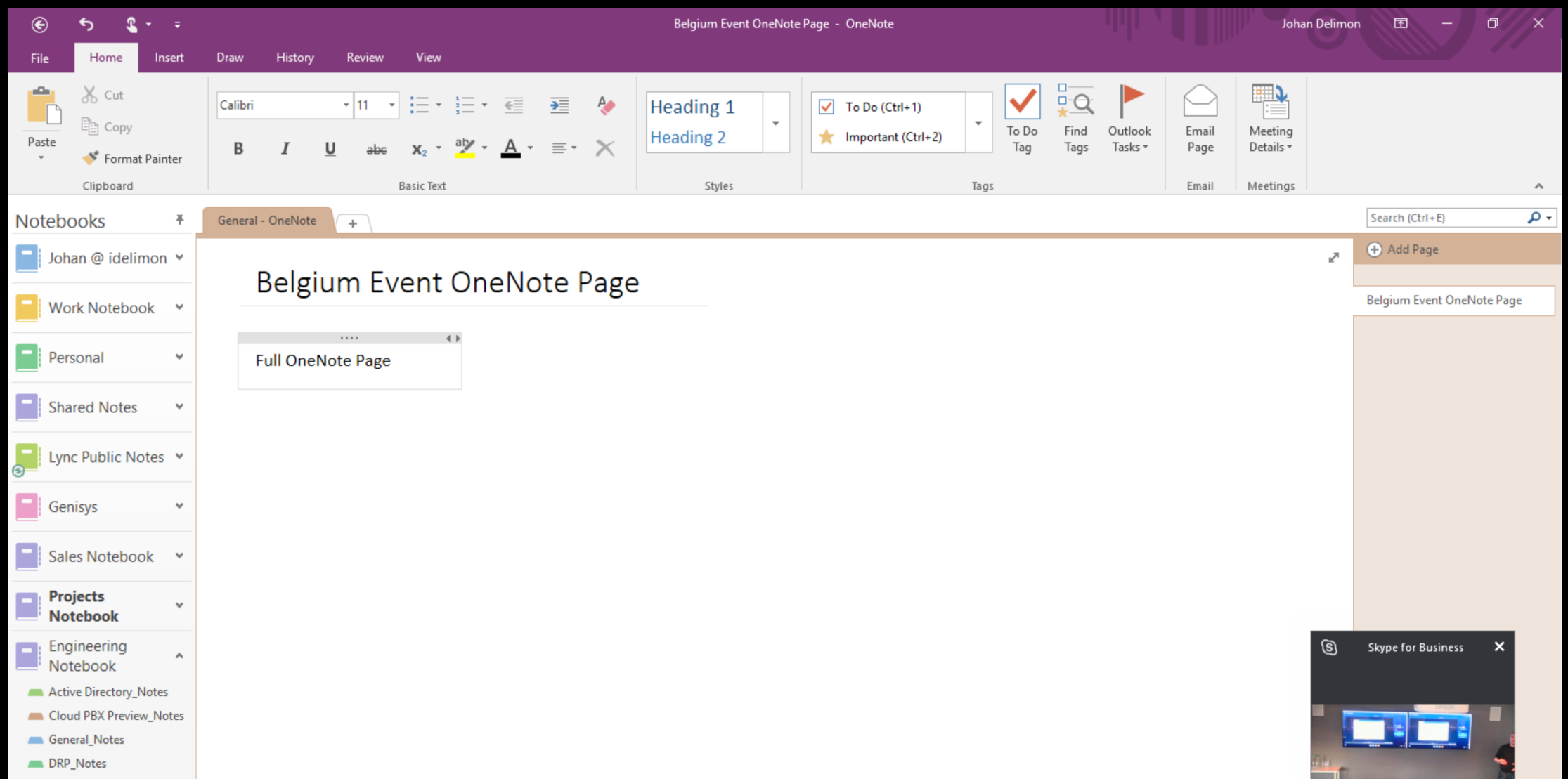


# Sync your OneNote files Offline

The screenshot displays the Microsoft Teams interface. At the top, the window title is "General (EU UG Event) | Microsoft Teams". The left sidebar contains navigation options: Activity, Chat, Teams (highlighted), Meetings, and Files. The main area shows a search bar and a list of "Favorites" including Sales, Projects, Management, Staff, Engineering, Change Management Te..., and EU UG Event. The "EU UG Event" team is selected, and the "General" channel is active. The OneNote application is open within the channel, showing a ribbon with "HOME", "INSERT", "PRINT", and "EDIT IN ONENOTE" tabs. The current OneNote page is titled "Belgium Event OneNote Page" and has a "Saved" status in the top right corner.



# Offline Notes



# Move important Team Email to OneNote

The screenshot shows the Microsoft Outlook interface. The ribbon is set to 'Home', and the 'OneNote' icon is highlighted in the 'Move' group. The email being viewed is from 'info@meetup.com' with the subject 'Thursday: You're hosting "First ever European Skype User Groups Meetup"'. The email content includes a calendar icon, a 'meetup.ics' attachment (2 KB), and a red 'meetup' logo. Below the email content, there is a 'THURSDAY' header, the event title 'First ever European Skype User Groups Meetup', the location 'Belgian E-Communications Community', the date and time 'Thursday, April 6, 2017 6:00 PM', and the location 'Microsoft Belgium Da Vincilaan 3 Zaventem'. There are two buttons: 'I'm going' (green) and 'Change your RSVP' (blue). Below this, it says '23 Members going, including:' followed by two member profiles: 'Frederik De Breuck (StonyArc)' and 'Levent Gunsuren'.

# Sync Email to OneNote

The screenshot shows an Outlook window displaying an email from Infopedia Media. The email subject is "Event Reminder: This is a reminder to attend Office 365 Advanced Security - Business Opportunity with Advanced Threat Protection (OFF495PAL)". The sender is "Infopedia Media <noreply@eventbuilder.com>". The recipient is "Johan Delimon".

The email content includes:

- A blue header with "Infopedia Media | Web Conference".
- A section titled "Just wanted to remind you".
- Text: "Just wanted to remind you to attend: Office 365 Advanced Security - Business Opportunity with Advanced Threat Protection (OFF495PAL)".
- A section titled "Event Information".
- Text: "Event Date and Time: 4/6/2017 8:00:00 AM, USA Pacific (4/6/2017 8:00:00 AM)".
- Text: "NOTE: If you want to confirm what time this event will take place in your time zone, please click on the link below." (partially visible)
- A section titled "Please follow the instructions below shortly before your event:".
- Instructions:
  1. [Click here to attend your event](#)
  2. Click on the attend button

A "Select Location in OneNote" dialog box is open over the email content. It prompts the user to "Pick a section or a page in which to put the e-mail:". The dialog lists "Recent picks" and "All Notebooks".

**Recent picks:**

- Cloud PBX Preview\_Notes (Engineering Notebook)
- Servier\_Notes (Sales Notebook)
- General - OneNote (current section) (EU UG Event Notebook)
- Belgium Event OneNote Page (current page) (EU UG Event Notebook> General - OneNote)

**All Notebooks:**

- Johan @ idelimon
- Work Notebook
- Personal
- Shared Notes
- Lync Public Notes
- Genisys
- Sales Notebook
- Projects Notebook

# Sync Email to OneNote

Belgium Event OneNote Page - OneNote

File Home Insert Draw History Review View Layout

Clipboard: Paste, Copy, Format Painter

Basic Text: Calibri, 9, Bold, Italic, Underline, Text Color, Background Color, Paragraph Styles

Styles: Heading 1, Heading 2

Tags: To Do (Ctrl+1), Important (Ctrl+2), To Do Tag, Find Tags, Outlook Tasks

Email: Email Page, Meetings: Meeting Details

Notebooks: Johan @ idelimon, Work Notebook, Personal, Shared Notes, Lync Public Notes, Genisys, Sales Notebook, Projects Notebook, Engineering Notebook, Active Directory\_Notes, Cloud PBX Preview\_Notes, General\_Notes, DRP\_Notes, Business Logic\_Notes, EU UG Event Notebook

General - OneNote

Search (Ctrl+E)

Belgium Event OneNote Page

Full OneNote Page

Subject	Event Reminder: This is a reminder to attend Office 365 Advanced Security - Business Opportunity with Advanced Threat Protection (OFF495PAL)
From	Infopedia Media
To	Johan Delimon
Sent	donderdag 6 april 2017 16:10

Infopedia Media | Web Conference

**Just wanted to remind you**

Just wanted to remind you to attend: **Office 365 Advanced Security - Business Opportunity with Advanced Threat Protection (OFF495PAL)**

**Event Information**

Event Date and Time: **4/6/2017 8:00:00 AM, USA Pacific (4/6/2017 8:00:00 AM, USA Pacific)**

NOTE: If you want to confirm what time this event will take place in your time zone, please follow this link <http://www.timezoneconverter.com/>.

Skype for Business

# Sync Email to OneNote

The screenshot shows the Microsoft Teams interface. On the left is a navigation pane with icons for Activity, Chat, Teams, Meetings, and Files. The 'Teams' section is expanded, showing a list of teams: SA Sales, PR Projects, MA Management, ST Staff, EN Engineering, and EU EU UG Event. The 'EU UG Event' team is selected, and its 'General' channel is active. The main area displays the 'General' channel with tabs for Conversations, Files, Wiki, and OneNote. The OneNote tab is selected, showing a page titled 'Belgium Event OneNote Page'. The page content includes a table with email details and a promotional banner for 'Infopedia Media | Web Conference'. Below the banner, there is a section titled 'Just wanted to remind you' with event information and instructions.

General (EU UG Event) | Microsoft Teams

EU EU UG Event > General ...

Conversations Files Wiki OneNote +

HOME INSERT PRINT EDIT IN ONENOTE Saved

## Belgium Event OneNote Page

Full OneNote Page

Subject	Event Reminder: This is a reminder to attend Office 365 Advanced Security - Business Opportunity with Advanced Threat Protection (OFF495PAL)
From	<a href="#">Infopedia Media</a>
To	Johan Delimon
Sent	donderdag 6 april 2017 16:10

**Infopedia Media | Web Conference**

### Just wanted to remind you

Just wanted to remind you to attend: **Office 365 Advanced Security - Business Opportunity with Advanced Threat Protection (OFF495PAL)**

**Event Information**  
Event Date and Time: **4/6/2017 8:00:00 AM, USA Pacific (4/6/2017 8:00:00 AM, USA Pacific)**

NOTE: If you want to confirm what time this event will take place in your time zone, please follow this link <http://www.timezoneconverter.com/>.

**Please follow the instructions below shortly before your event:**

1. [Click here to attend your event](#)
2. Click on the attend button
3. Follow the on-screen instructions.

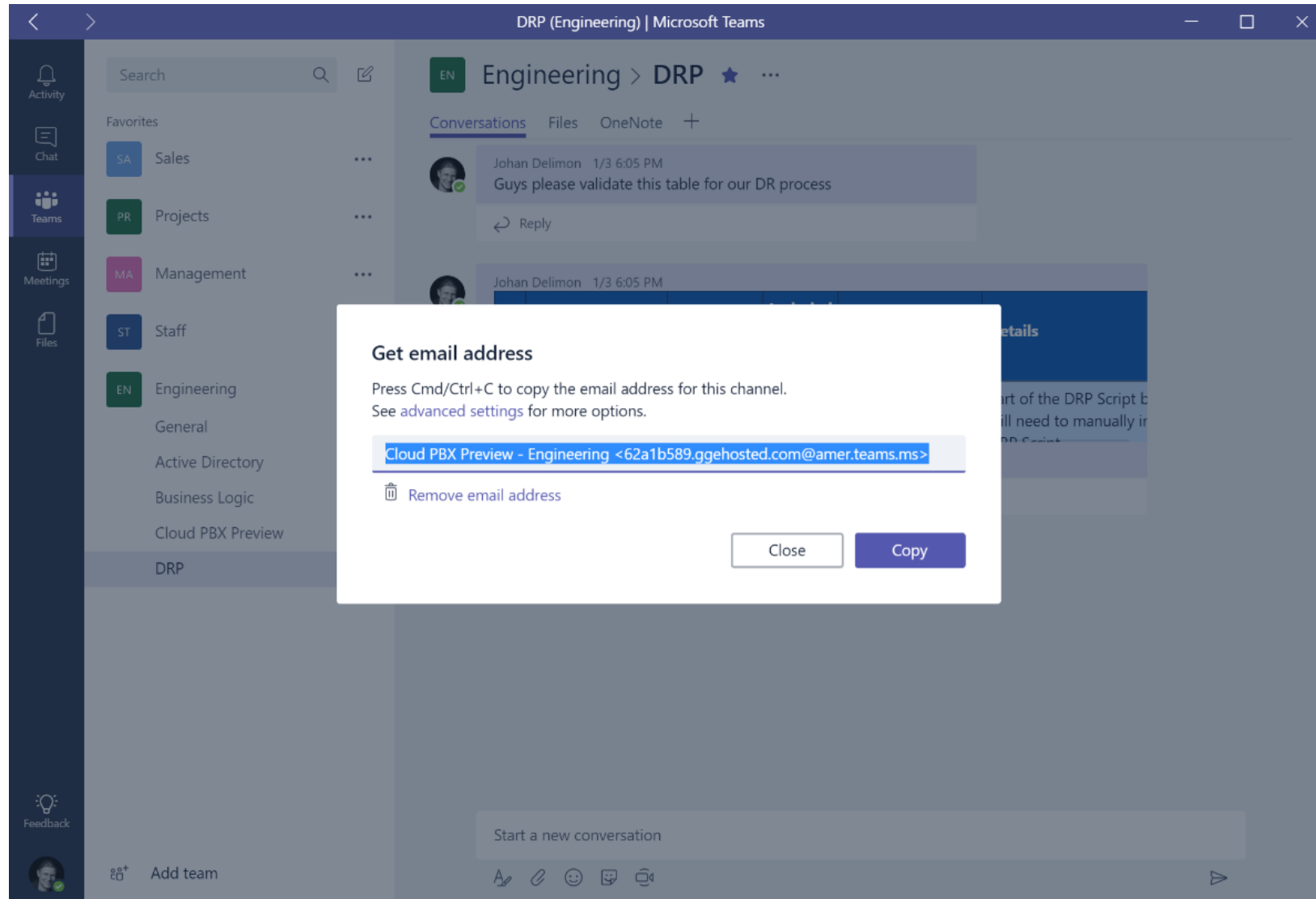
**Tip:** Please test your computer before the event by clicking on this link <https://lync.eventbuilder.com/SystemTest>.

Technical Support:

Skype for Business



# Get Email Address for a Channel



The screenshot displays the Microsoft Teams interface. On the left, the navigation pane shows the 'Engineering' team with several channels, including 'DRP'. The main area shows the 'DRP' channel with a message from 'Johan Delimon' asking for validation of a table. A dialog box titled 'Get email address' is overlaid on the screen. The dialog contains the following text: 'Press Cmd/Ctrl+C to copy the email address for this channel. See advanced settings for more options.' Below this text, the email address 'Cloud PBX Preview - Engineering <62a1b589.ggehosted.com@amer.teams.ms>' is displayed in a text field. At the bottom of the dialog, there is a 'Remove email address' option with a trash icon, and two buttons: 'Close' and 'Copy'.

DRP (Engineering) | Microsoft Teams

Engineering > DRP

Conversations Files OneNote +

Johan Delimon 1/3 6:05 PM  
Guys please validate this table for our DR process

Reply

Johan Delimon 1/3 6:05 PM

### Get email address

Press Cmd/Ctrl+C to copy the email address for this channel.  
See advanced settings for more options.

Cloud PBX Preview - Engineering <62a1b589.ggehosted.com@amer.teams.ms>

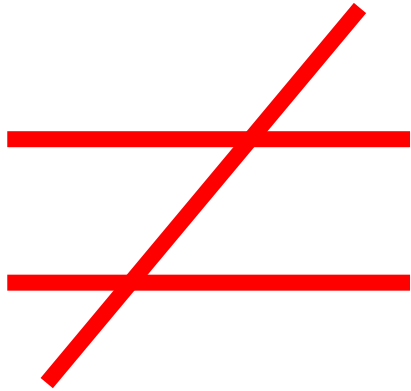
Remove email address

Close Copy

# TEAMS vs Skype for Business

What Microsoft is not telling you

# Teams & Skype for Business is NOT the Same



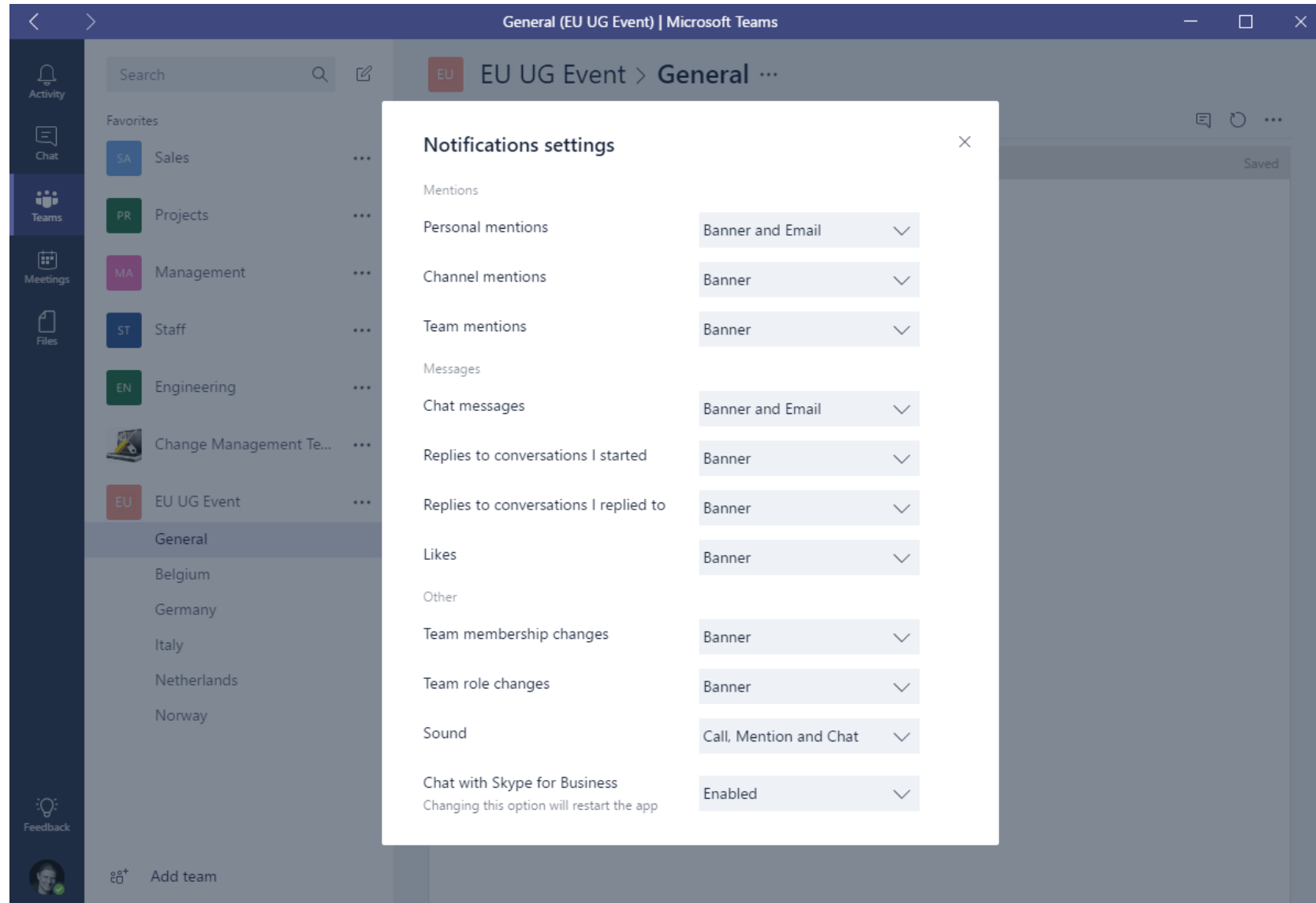
# Enable/Disable Chat integration

Skype for Business conversations inside Chat tab are limited in several ways:

- 1 TO 1 conversation ONLY
- Advanced IM features NOT Available (MEMES & Emoji, etc ...)
- No audio/video calling

[Microsoft Teams User Tips \(Matt Landis\)](#)

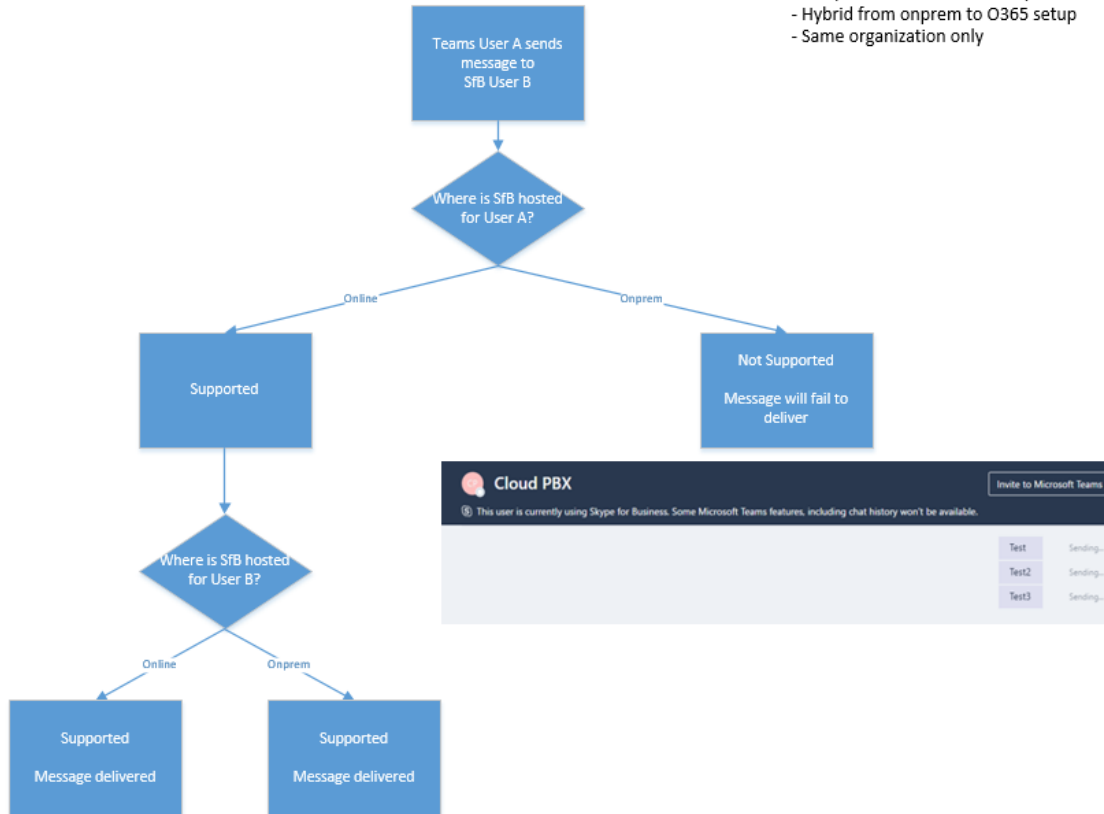
Microsoft Teams



# Sending Messages Saga & Headaches

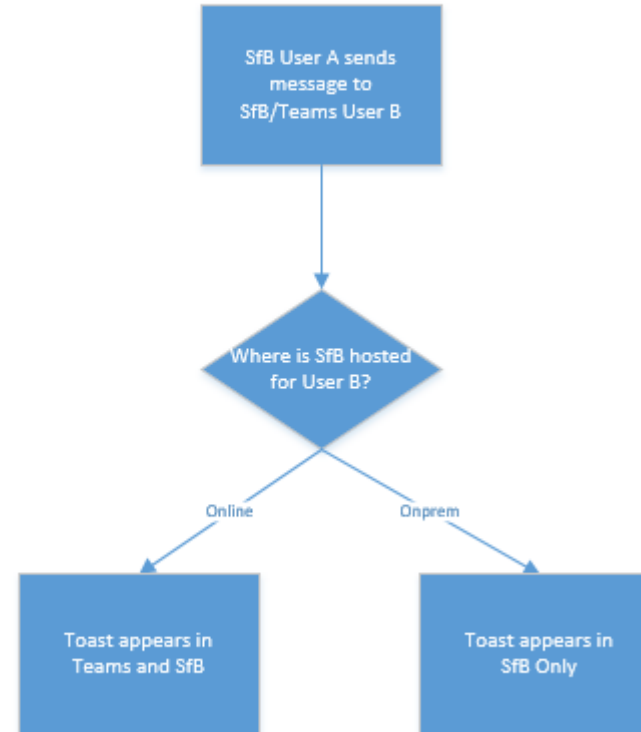
## Microsoft Teams to Skype for Business

- NOTES:
- Sfb User has never logged into Teams
  - DirSync/AAD Connect is setup
  - Hybrid from onprem to O365 setup
  - Same organization only



## Skype for Business to Teams

- NOTES:
- Receiver is logged into Sfb and Teams at the same time
  - DirSync/AAD Connect is setup
  - Hybrid from onprem to O365 setup
  - Same organization only





# Presence is NOT in SYNC

Skype for Business interface showing presence status for various contacts. The status bar at the top indicates 'What's happening today?' and 'Johan Delimon In a conference call'. Below, a list of contacts shows their presence status: Gene Haley (Offline 17 hours - Offline Messages Only), Jerry Marko (In a conference call), Joeri Liekens (In a conference call), Johnny Diggs (In a conference call), Nick Lopez (In a conference call), Shannon Gordon (Inactive 2 days - Mobile), Timmy Luts (In a conference call Inactive 5 mins), idelimon (Away - idelimon BVBA), Timmy Luts (Offline - External Network), and Aashima Singh (Presence unknown).

Microsoft Teams chat window titled 'DRP (Engineering) | Microsoft Teams'. The chat shows a message from Johan Delimon: 'Guys please validate this table for our DR process'. Below the message is a table with the following data:

#	Step	Automated Process	Included in DR Script	Action	D
1	Central Management Store Fail-Over	Partly w Script	Yes	Invoke Central Management Store Fail Over	Pr ni Su
2	Front-End Pool Fail-Over	Partly w Script	Yes	Invoke Front-End Pool Fail Over	Pr Su m
3	Internal Simple URLs	Yes	NA	None	Si as M th

# Presence is NOT in SYNC

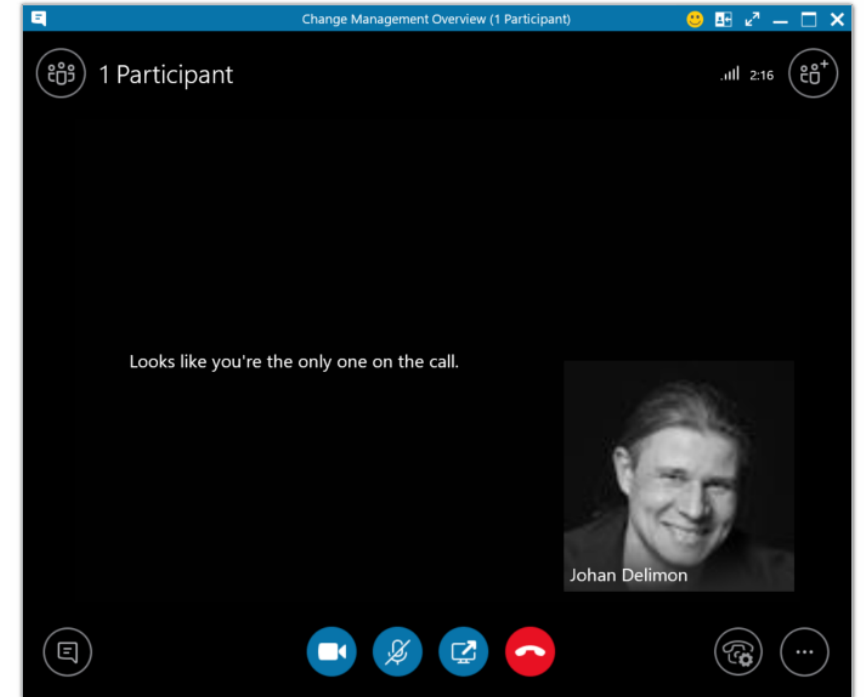
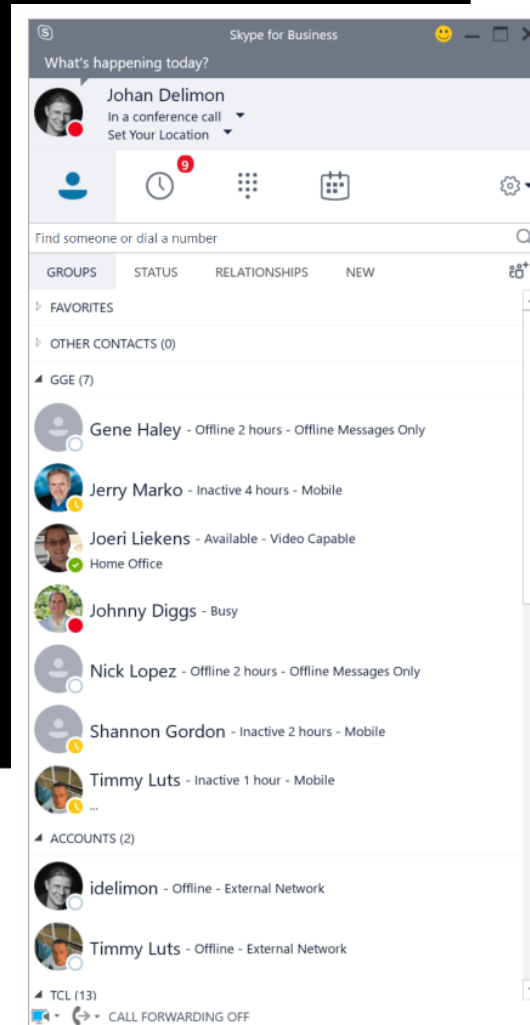
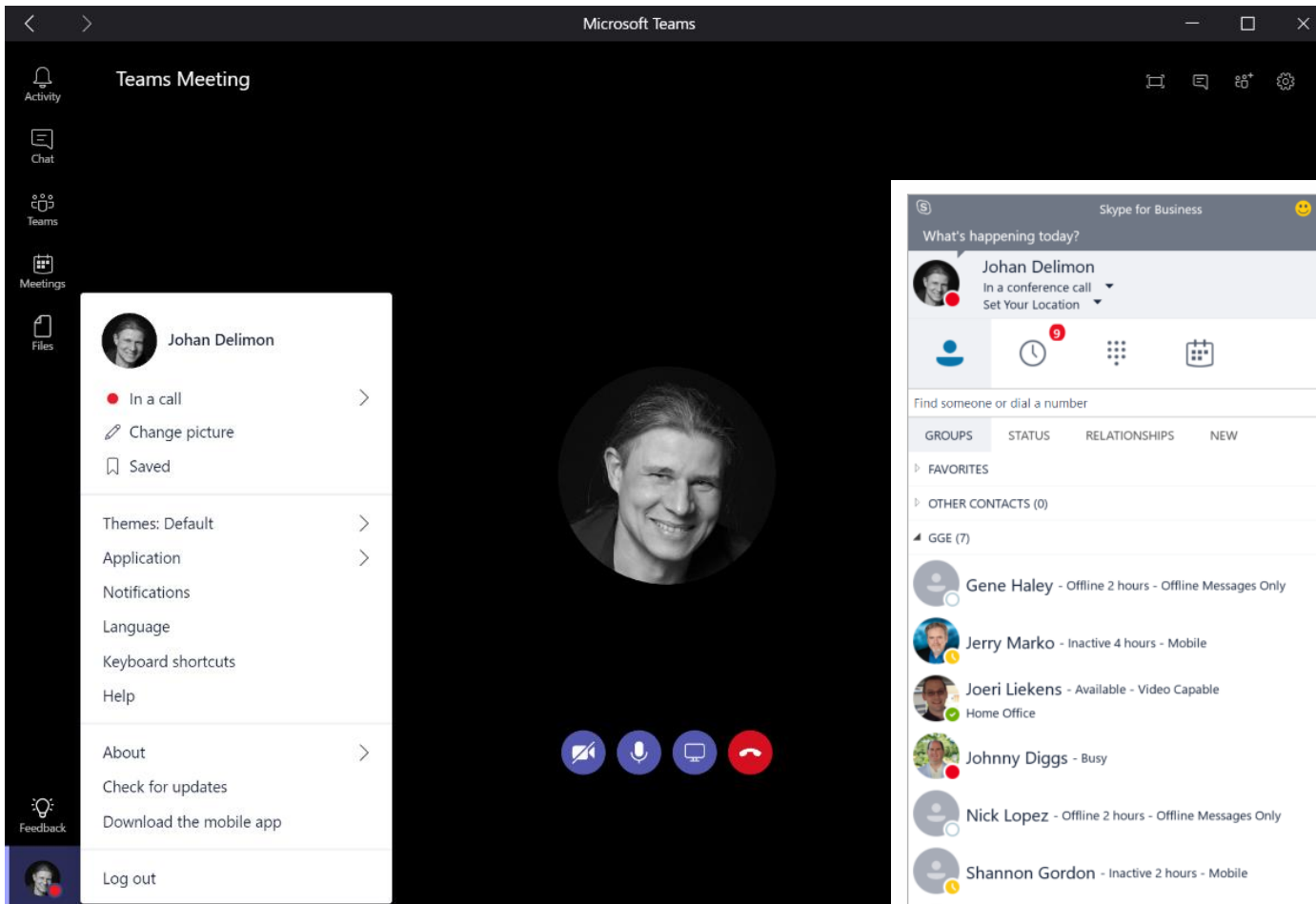
Skype for Business interface showing presence status for various contacts. The status bar at the top indicates 'What's happening today?' and 'Johan Delimon In a conference call'. Below, a list of contacts is shown with their presence status:

- Gene Haley - Offline 17 hours - Offline Messages Only
- Jerry Marko - In a conference call
- Joeri Liekens - In a conference call
- Johnny Diggs - In a conference call
- Nick Lopez - In a conference call
- Shannon Gordon - Inactive 2 days - Mobile
- Timmy Luts - In a conference call Inactive 5 mins
- Accounts (2): idelimon - Away - idelimon BVBA, Timmy Luts - Offline - External Network
- TCL (13): Aashima Singh - Presence unknown

Microsoft Teams chat window for 'Engineering > DRP'. A message from Johan Delimon asks to validate a table for the DR process. The table is as follows:

#	Step	Automated Process	Included in DR Script	Action
1	Central Management Store Fail-Over	Partly w Script	Yes	Invoke Central Management Store Fail Over
2	Front-End Pool Fail-Over	Partly w Script	Yes	Invoke Front-End Pool Fail Over
3	Internal Simple URLs	Yes	NA	None

# When in a Conference Meeting is In a Call



# Meetings Coexist but DON'T Interop

The screenshot shows the Microsoft Teams interface. On the left is a navigation pane with icons for Activity, Chat, Teams, Meetings, and Files. The Meetings section is active, showing a calendar view with two meetings: 'Teams Meeting' (1:30 am - 2:00 am) and 'Change Management ...' (5:00 pm - 6:00 pm). The 'Change Management ...' meeting is selected, and its details are shown in the main pane. The meeting is for Wednesday, March 15, 2017, from 5:00 pm to 6:00 pm, and is a Skype Meeting. The user has accepted the meeting. The meeting details include a toll number (+1 (980) 228-9330), a conference ID (57669318), and a list of attendees: Nick Lopez (Organizer), Joeri Liekens (Accepted), Johan Delimon (Accepted), Timmy Luts (Accepted), Johnny Diggs (Accepted), Gene Haley (Accepted), Shannon Gordon (Tentative), and Jerry Marko (Accepted). A 'Schedule a meeting' button is visible at the bottom of the navigation pane.

Meetings | Microsoft Teams

## Change Management Overview

Wednesday, March 15, 2017  
5:00 pm - 6:00 pm an hour  
Skype Meeting

You accepted this meeting.

Accept  Tentative  Decline

[Join Skype Meeting](#)

Trouble Joining? [Try Skype Web App](#)

Join by phone

Toll number: +1 (980) 228-9330 (Dial-in Number) English  
(United States)

[Find a local number](#)

Conference ID: 57669318  
[Forgot your dial-in PIN?|Help](#)

Organizer

Nick Lopez  
Organizer

Attendees

Joeri Liekens  
Accepted

Johan Delimon  
Accepted

Timmy Luts  
Accepted

Johnny Diggs  
Accepted

Gene Haley  
Accepted

Shannon Gordon  
Tentative

Jerry Marko  
Accepted

Schedule a meeting

# Scheduling Meetings

The screenshot shows the Microsoft Teams interface with a 'New meeting' dialog box open. The dialog box is titled 'New meeting' and contains the following fields and options:

- Meeting title:** A text input field.
- Location:** A dropdown menu currently showing 'Microsoft Teams Meeting'.
- Start:** A date and time selector set to 'Mar 15, 2017' at '1:30am'.
- End:** A date and time selector set to 'Mar 15, 2017' at '2:00am'.
- Repeat:** A checkbox labeled 'Repeat' which is currently unchecked.
- Select a channel to meet in:** A dropdown menu currently showing 'None (optional)'.
- Invite people:** A button labeled 'Add people'.
- Organizer:** A profile card for 'Johan Delimon' with the email 'johan.delimon@ggehosted.com'.
- Details:** A rich text editor area with a toolbar containing icons for bold (B), italic (I), underline (U), strikethrough (ABC), text color (A), background color (AA), bulleted list (≡), and numbered list (≡). Below the toolbar is a text area with the placeholder 'Type details for this new meeting'.

At the bottom of the dialog box, there are two buttons: 'Close' and 'Schedule a meeting'. The 'Schedule a meeting' button is highlighted in blue. In the background, the Teams interface shows a 'Teams Meeting' window with a search bar and a sidebar with navigation options like Activity, Chat, Teams, Meetings, and Files.

# Meeting Links



<https://meet.lync.com/delimon-be/johan.delimon/805S9JSG>



<https://teams.microsoft.com/l/meetup-join/19%3abe2b5eaec1dc4273ab6de0afca4e2c8c%40thread.skype/0?context=%7b%22Tid%22%3a%22ac109136-c49e-4ea2-9f31-78e0f09510d2%22%2c%22Oid%22%3a%22220c5424-1c53-4a01-8a82-0837266a96cd%22%7d>

# Team Application

The screenshot shows a Windows File Explorer window titled 'Application Tools current'. The address bar indicates the path: 'Johan Delimon > AppData > Local > Microsoft > Teams > current'. The left sidebar shows 'Quick access' and 'This PC' sections. The main pane displays a list of files and folders with columns for Name, Date modified, Type, and Size. The file 'Teams.exe' is selected and highlighted in blue.

Name	Date modified	Type	Size
api-ms-win-crt-time-l1-1-0.dll	14/03/2017 1:54	Application extension	21 KB
api-ms-win-crt-utility-l1-1-0.dll	14/03/2017 1:54	Application extension	19 KB
blink_image_resources_200_percent.pak	14/03/2017 1:54	PAK File	57 KB
content_resources_200_percent.pak	14/03/2017 1:54	PAK File	1 KB
content_shell.pak	14/03/2017 1:54	PAK File	9 622 KB
d3dcompiler_47.dll	14/03/2017 1:54	Application extension	4 077 KB
ffmpeg.dll	14/03/2017 1:54	Application extension	1 939 KB
icudtl.dat	14/03/2017 1:54	DAT File	9 890 KB
libEGL.dll	14/03/2017 1:54	Application extension	93 KB
libGLESv2.dll	14/03/2017 1:54	Application extension	2 798 KB
LICENSE	14/03/2017 1:54	File	2 KB
msvcp140.dll	14/03/2017 1:54	Application extension	619 KB
natives_blob.bin	14/03/2017 1:54	BIN File	386 KB
node.dll	14/03/2017 1:54	Application extension	16 050 KB
snapshot_blob.bin	14/03/2017 1:54	BIN File	792 KB
Squirrel.exe	14/03/2017 1:54	Application	1 702 KB
SquirrelSetup.log	14/03/2017 1:54	Text Document	1 KB
<b>Teams.exe</b>	14/03/2017 1:54	Application	84 012 KB
ThirdPartyNotice.txt	14/03/2017 1:54	Text Document	159 KB
ucrtbase.dll	14/03/2017 1:54	Application extension	974 KB
ui_resources_200_percent.pak	14/03/2017 1:54	PAK File	81 KB
vcruntime140.dll	14/03/2017 1:54	Application extension	86 KB
views_resources_200_percent.pak	14/03/2017 1:54	PAK File	59 KB
xinput1_3.dll	14/03/2017 1:54	Application extension	105 KB

64 items | 1 item selected 82,0 MB



# Teams Application

The screenshot shows a Windows File Explorer window titled "bin" with the following path: <code><< AppData >> Local >> Microsoft >> Teams >> current >> resources >> app.asar.unpacked >> node\_modules >> media-stack >> bin</code>. The ribbon includes File, Home, Share, and View tabs. The ribbon buttons are grouped into Clipboard (Pin to Quick access, Copy, Paste, Copy path, Paste shortcut), Organize (Move to, Copy to, Delete, Rename), New (New folder, New item, Easy access), Open (Properties, Open, Edit, History), and Select (Select all, Select none, Invert selection). The address bar shows the path and a search box for "bin". The left sidebar shows Quick access locations: Desktop, Downloads, Documents, Pictures, 2017, EC, Sponsors, Training, OneDrive - GeniSy, OneDrive - idelim, OneDrive - Person, SharePoint, and This PC. The main pane displays a table of files:

Name	Date modified	Type	Size
media-stack.node	14/03/2017 1:54	NODE File	986 KB
ResourceManager.dll	14/03/2017 1:54	Application extension	2 068 KB
roottools.dll	14/03/2017 1:54	Application extension	2 350 KB
RtmCodecs.dll	14/03/2017 1:54	Application extension	3 269 KB
RtmMediaManager.dll	14/03/2017 1:54	Application extension	1 227 KB
RtmPal.dll	14/03/2017 1:54	Application extension	673 KB
RTMPLTFM.dll	14/03/2017 1:54	Application extension	12 164 KB
sharing-indicator.node	14/03/2017 1:54	NODE File	58 KB
ssScreenVVS2.dll	14/03/2017 1:54	Application extension	156 KB
VideoRenderer.dll	14/03/2017 1:54	Application extension	199 KB

# Next Generation Skype Consumer Network

Microsoft Teams uses next generation Skype Consumer network, not Skype for Business



```
JSON
- clientmessageid=6524353348911866000
- content=This is a long text message to see what happens!
- contenttype=text
- indisplayname=Richard Brynteson
- messagetype=Text
- properties
  - importance=
  - subject=(null)
```

```
JSON
- callInvitation
  - callModalities
    - Audio
    - Video
    - clientContentForMc=(null)
  - links
    - acceptance=https://trouter-eus2-b.dc.trouter.io:3443/v2/f/263-trouter-eus2-b.drip.trouter.io/fcsGAL1S3r0ttWzCynSyXS7/callAgent/18f19efe-f905-4b90-2457-d1b41f2f1780/call/acceptance/
    - end=https://trouter-eus2-b.dc.trouter.io:3443/v2/f/263-trouter-eus2-b.drip.trouter.io/fcsGAL1S3r0ttWzCynSyXS7/callAgent/18f19efe-f905-4b90-2457-d1b41f2f1780/call/end/
    - mediaAnswer=https://trouter-eus2-b.dc.trouter.io:3443/v2/f/263-trouter-eus2-b.drip.trouter.io/fcsGAL1S3r0ttWzCynSyXS7/callAgent/18f19efe-f905-4b90-2457-d1b41f2f1780/call/mediaAnswer/
    - progress=https://trouter-eus2-b.dc.trouter.io:3443/v2/f/263-trouter-eus2-b.drip.trouter.io/fcsGAL1S3r0ttWzCynSyXS7/callAgent/18f19efe-f905-4b90-2457-d1b41f2f1780/call/progress/
    - redirection=https://trouter-eus2-b.dc.trouter.io:3443/v2/f/263-trouter-eus2-b.drip.trouter.io/fcsGAL1S3r0ttWzCynSyXS7/callAgent/18f19efe-f905-4b90-2457-d1b41f2f1780/call/redirection/
  - mediaContent
    - blob=v=0o=-0 0 IN IP4 104.44.195.134s=sessionc=IN IP4 104.44.195.134b=CT:99980t=0 0a=x-mediabw:main-video send=12000;recv=12000a=x-mediabw:applicationsharing-video send=12000;recv=12000
    - contentType=application/sdp
    - replaces=(null)
    - transferor=(null)
  - capabilities
    - cloudAudioVideoConference=disabled
    - cloudScreenSharing=enabled
    - hostlessConference=enabled
    - contentSharing=(null)
  - conversationRequest
    - links
      - addModalityFailure=https://trouter-eus2-b.dc.trouter.io:3443/v2/f/263-trouter-eus2-b.drip.trouter.io/fcsGAL1S3r0ttWzCynSyXS7/callAgent/18f19efe-f905-4b90-2457-d1b41f2f1780/conversation/addModalityFailure/
      - addModalitySuccess=https://trouter-eus2-b.dc.trouter.io:3443/v2/f/263-trouter-eus2-b.drip.trouter.io/fcsGAL1S3r0ttWzCynSyXS7/callAgent/18f19efe-f905-4b90-2457-d1b41f2f1780/conversation/addModalitySuccess/
      - addModalityFailure=https://trouter-eus2-b.dc.trouter.io:3443/v2/f/263-trouter-eus2-b.drip.trouter.io/fcsGAL1S3r0ttWzCynSyXS7/callAgent/18f19efe-f905-4b90-2457-d1b41f2f1780/conversation/addModalityFailure/
```



[https://st-client-ss.msg.skype.com/v1/users/ME/conversations/19%3A2a9ad786-8a9b-409c-a29a-19666d549187\\_fabf899c-a61b-44a3-9623-d269342541b4%40unq.gbl.spaces/messages](https://st-client-ss.msg.skype.com/v1/users/ME/conversations/19%3A2a9ad786-8a9b-409c-a29a-19666d549187_fabf899c-a61b-44a3-9623-d269342541b4%40unq.gbl.spaces/messages)

# Roadmap

Private meetings  
Scheduled meetings including scheduling assistant  
Markdown  
Inline links  
Strikethrough  
Blockquotes  
Code block  
Inline code  
T-Bot and help topic updates  
T-Bot in French  
Right click copy paste  
Notification enhancements

New IT admin settings  
New connectors UI  
Intune MAM/MDM for iOS and Android  
Conditional access on iOS and Android  
Improved iPhone auth  
Mobile activity feed  
Mobile 1-1 calling for iOS and Android  
SSO for iOS, Android and Windows Phone  
iPhone and Android accessibility

iPhone and Android bots in channels  
Auto favorite five channels  
New settings UI  
Public teams discovery UI  
Spellcheck  
Sections in Wiki  
Chat in Wiki  
Admin setting to disable Skype for Business interop  
Deep link page  
Pre-sign-in page  
Improved activity feed

New @mention UI  
Team services tab  
Feeds and filters on iPhone and Android  
Email support on Android and iPhone  
Mobile video calling on Android  
URL preview on Android  
Edit message on Android  
Swift connector cards on Android  
OneNote tab deep link on Android

People picker relevance on iPhone  
Audit logging and Reporting  
Archiving  
Compliance content search  
eDiscovery  
Legal hold  
Named group chats  
New compose UI  
Updated keyboard shortcuts  
New single channel team behavior  
Licensing per user

## COMING SOON

## External guest access • More Outlook integration • Broader developer platform

Teams tile in Office 365 app selector  
App launch customizations  
Public teams for iPhone  
Delete message on iPhone and Android  
Pull to refresh on Android  
New onboarding experience for Windows Phone  
Tab icon support for Windows Phone  
Tighter sync with Office 365 Groups

Ring switcher  
Manage app behavior at startup  
PDF viewing  
Add website as a tab  
Add videos to tabs via YouTube and Microsoft Stream  
New tabs from Asana, Zendesk, and more  
Deep links to objects inside tabs  
Bots in channels  
Handle unlicensed / non-

Discover bots in gallery  
New bots from Polly, hipmunk and more  
Custom bots  
Bots with pinned tabs  
File action UI  
Non-English @mention  
First run experience updates  
New default settings for GIFs  
@mentions in Wiki  
Sections in Wiki  
Chat in Wiki

Edit controls in Wiki  
Sharing link in Wiki  
Per section presence in Wiki  
Co-authoring in Wiki  
Improved accessibility  
Call switching (Multi-Call Handling)  
Call transfer  
Call hold and resume  
Email messages into a channel  
API for links to tab entities  
Recycle bin

New Bot APIs and events  
Bot gallery  
Increased group chat limit  
Manage bots by team  
Custom bots integrate Line of Business services  
New developer bots and tabs side-loading UX  
Auto-scroll  
Follow a channel  
Drag and drop files  
More group chat members

# Thank You!

