



# IMPRISIS OIDC CLIENT FOR MS365 (IOCM).

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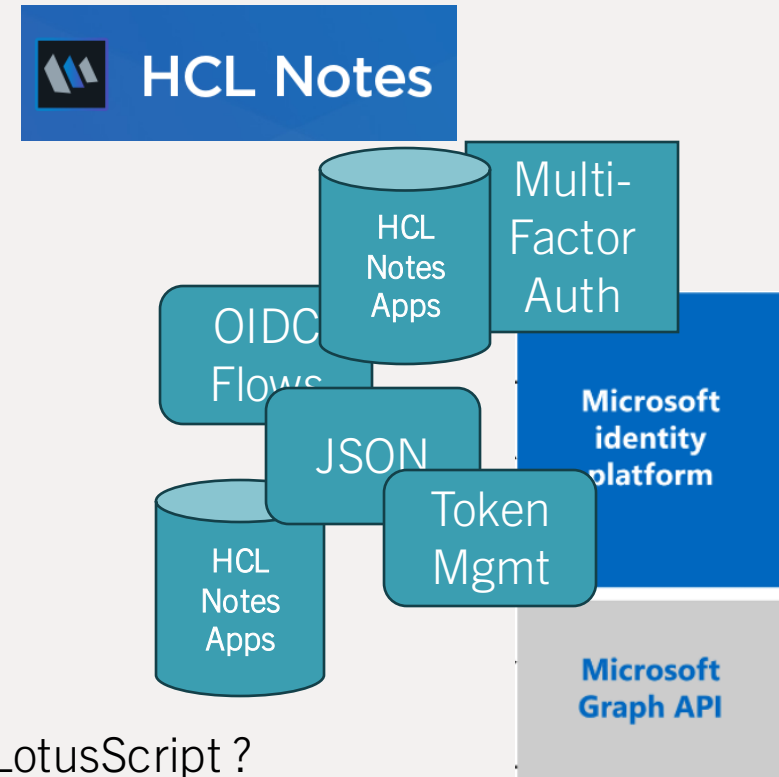


# YOU NEED “IOCM”, WHEN ...



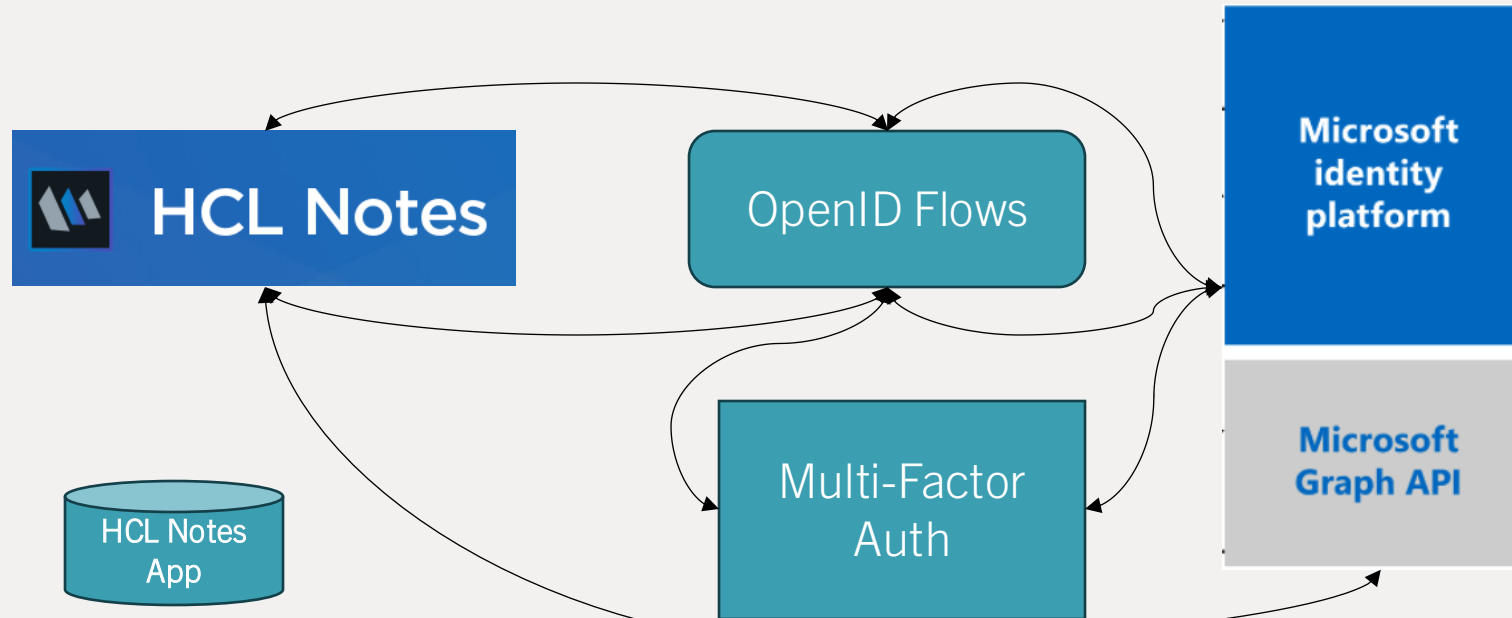
## So you're that guy?

- ✓ Need to access MS365 Resources from HCL Notes?
- ✓ You have to transfer Data from HCL Notes to MS365?
- ✓ No clue about OIDC/MFA and Token Management in LotusScript ?
- ✓ JSON gives you the scare?
- ✓ It all feels like a big mess to deal with?



# WHY IOCM? THE PROBLEMS...

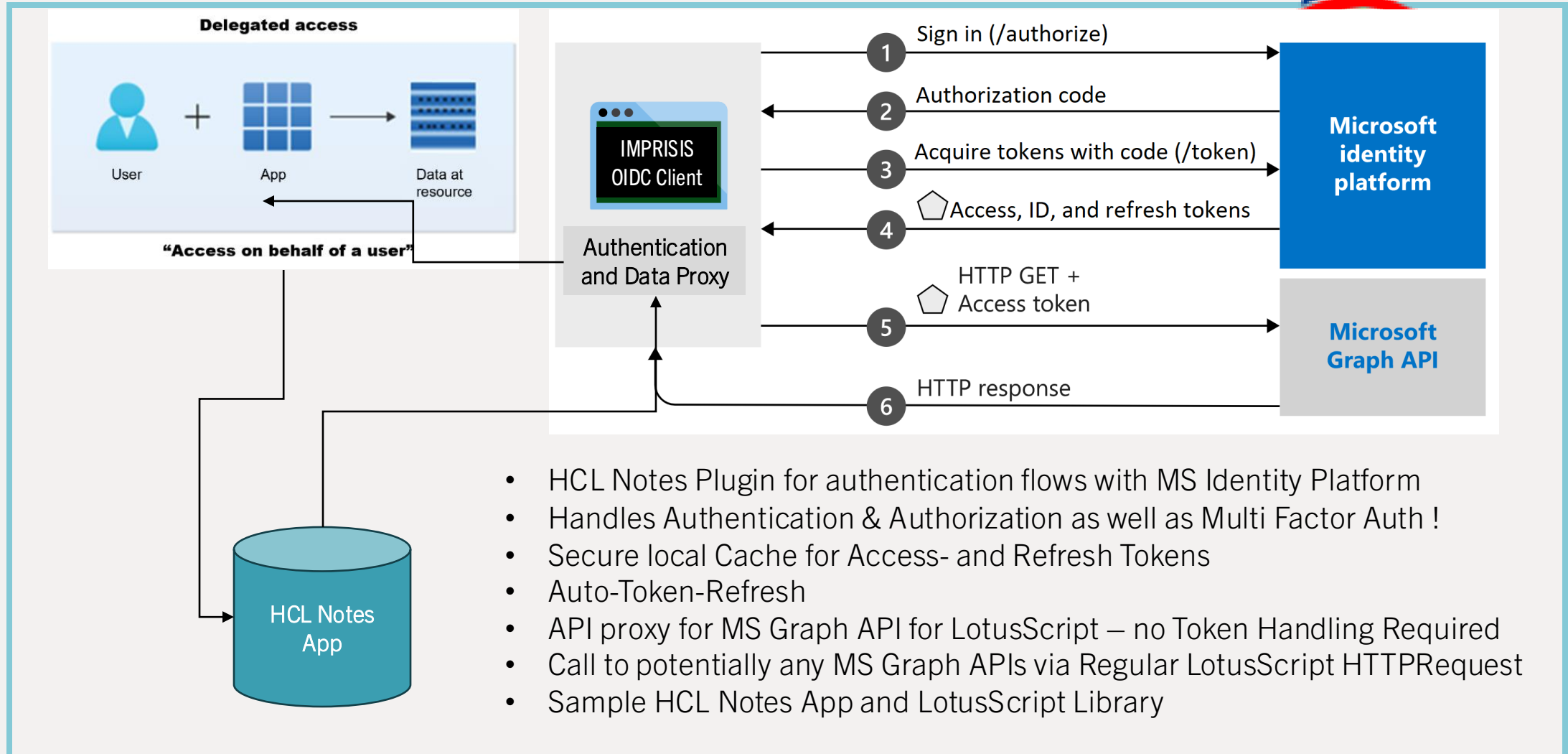
1) How can we handle auth flows in HCL Notes ?



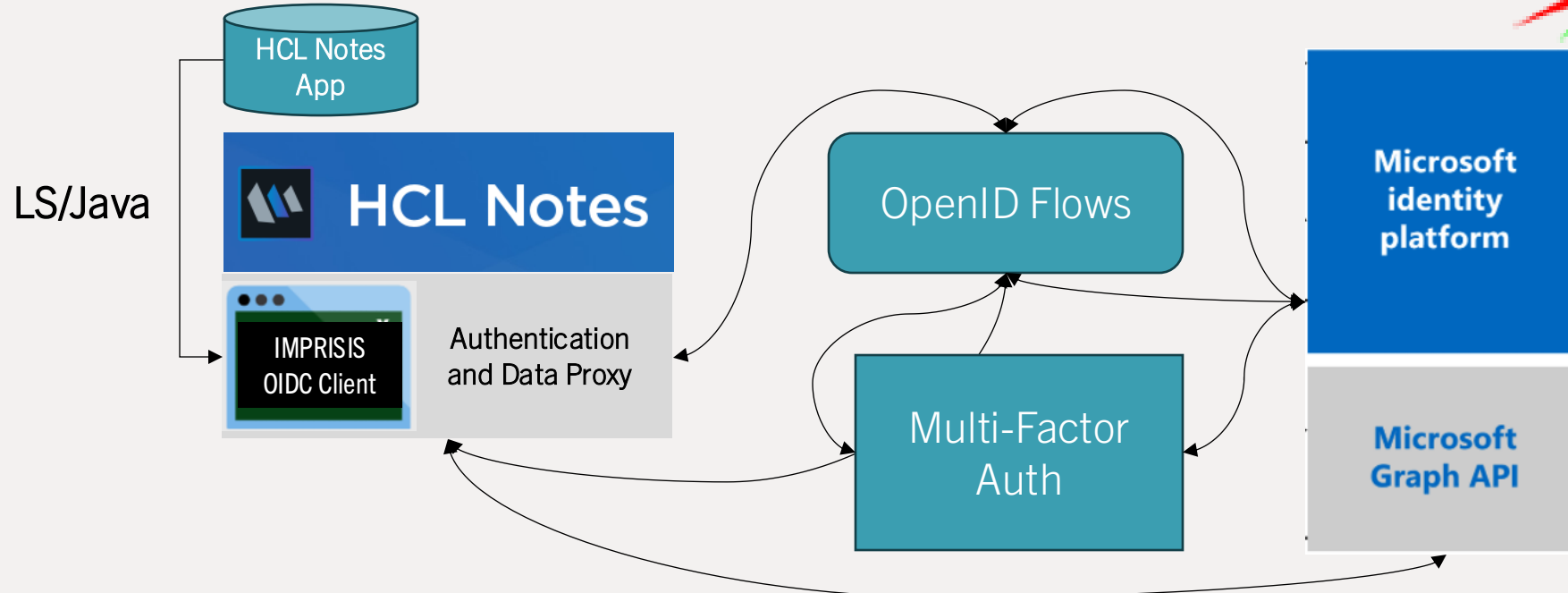
3) My LS Script Guys don't know OpenID / Token handling ...

2) How can we handle all sorts of MFA flows? (SMS, Authenticator, HW Token, ...)

# IMPRISIS OIDC CLIENT FOR MS365

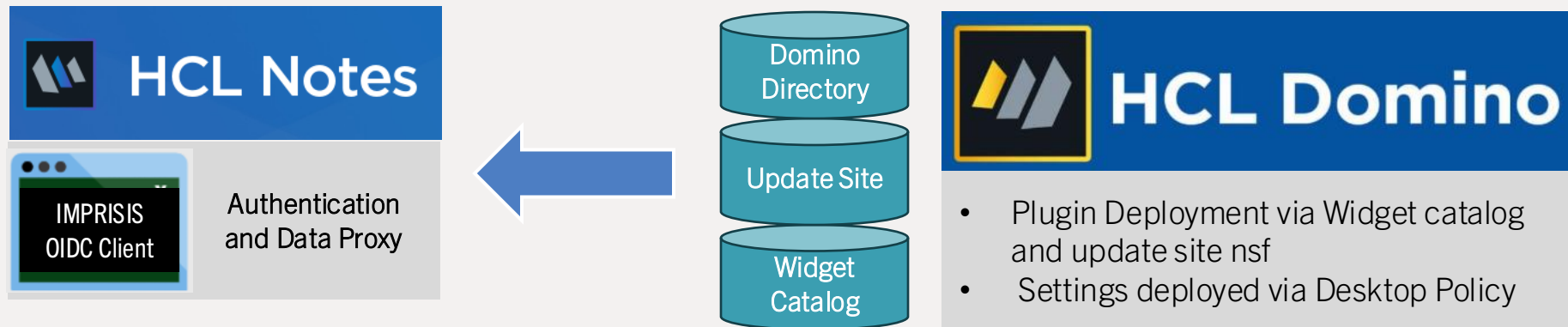


# IMPRISIS OIDC CLIENT FOR MS365



- **IOCM** allows seamless access to MS Graph APIs from the HCL Notes Client
- **IOCM** is a local Web Server with an Authorization Proxy Application
- It handles OpenID flows and MFA Authentication flows
- **IOCM** also proxies HTTP requests and enriches them with appropriate access tokens
- **IOCM** also keeps track of token expiration and refresh token handling
- LotusScript users don't need to see/access/work with tokens at all.
- **IOCM** supports MS Graph API Rights segregation with different access rights on MS365

# DEPLOYMENT & CONFIGURATION



HCL Notes/Domino brings all we need for deployment out of the box.

# SCREENSHOTS...

TokenPipeline POC - Messages - HCL Notes

File Edit View Create Actions Tools Window Help

Open + Messages

Discover x Work

TokenPipeline POC

Preferences

type filter text

Accounts

Basic Notes Client Config

CSS (Wild Web Develop

Calendar and To Do

Composite Application E

Connections

Contacts

Fonts, Colors and Theme

HTML (Wild Web Develop

Install/Update

JS/TS (Wild Web Develop

Live Text

Locations

Log Settings

Mail

Notes Ports

Regional Settings

Replication and Sync

Sametime

Search

Spell Check

Task Tags

Token Pipeline

Toolbar

Widgets

Windows

XPages Performance

Local

Token Pipeline

MS Graph

Client Id

1b

Authority URL

https://login.microsoftonline

Scopes

Mail.Read, Calendars.Read, openid, User.Read

Username Hint

heiko.vogt@

Signed in as heiko

Advanced

Development Mode

Preferences Page

MS365 Sample Code

Messages

Meetings

App Profile

My Profile

Get Emails

Get Selected as EML

Date Time	From	Subject
13.02.2025 12:10:22	microsoft-noreply@microsoft.com	Ihr Microsoft 365 Business Standard-Abonnement wird bald verlängert
12.06.2024 11:55:22	azure-noreply@microsoft.com	Schade, dass Sie uns verlassen
12.06.2024 09:17:58	brigitte.leitner@sitde.onmicrosoft.com	test
05.06.2024 11:55:21	azure-noreply@microsoft.com	Upgrade bis zum Mittwoch, 12. Juni 2024 durchführen und weiterhin Azure
13.05.2024 11:55:17	azure-noreply@microsoft.com	Upgrade bis zum Mittwoch, 12. Juni 2024 durchführen und weiterhin Azure
08.05.2024 13:23:00	azure-noreply@microsoft.com	Führen Sie jetzt ein Upgrade durch, um Ihr kostenloses Azure-Konto zu rea
08.04.2024 06:50:13	azure-noreply@microsoft.com	Ihr Azure-Abonnement ist bereit.
20.03.2024 16:43:42	microsoft-noreply@microsoft.com	Rechnung für Microsoft 365 Business Standard einsehen
15.03.2024 04:32:19	microsoft-noreply@microsoft.com	Sie haben Ihr Microsoft 365 Business Standard-Abonnement verlängert
29.02.2024 15:47:06	microsoft-noreply@microsoft.com	Preis für Microsoft 365 Business Standard erhöht sich bald

Code Samples





# THANK YOU!

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