



 Michael Hayes

A QUICK INTRO AND AWESOME DEMOS FOR OAUTH2.0

Michael Hayes

INTRODUCTION

- Solutions Architect at Media3
- Full stack developer
 - Focus on ColdFusion and PowerShell
- Have worked with thousands of companies
- Obsessed with OAuth2.0



Michael Hayes

APART FROM WORK

- Listen to all kinds of music
- Science and abstract concepts
 - Documentaries
- TV: shark tank, dragons den
- Pod Casts: Huberman Podcast, Diary of a CEO



WHAT IS OAUTH

OAuth (Open Authorization) is an open standard for access delegation commonly used to grant websites or applications limited access to a user's data — without exposing their credentials.

Instead of sharing a username and password, users authorize third-party apps to access information or perform actions on their behalf via access tokens.

- Secure: Credentials stay with the identity provider
- Scoped: Access is limited to what the user allows
- Time-bound: Tokens can expire or be revoked

Widely used: Powers integrations across Microsoft, Google, Facebook, and APIs everywhere.

OAuth is not an authentication protocol — it's about granting access, not proving identity (though often combined with OpenID Connect for authentication).



WHY SHOULD YOU CARE?

Focus on What Matters

- OAuth abstracts authentication/authorization so you can build features, not login screens
- Integrates easily with modern identity systems (SSO, MFA, biometrics)

Eliminate Credential Headaches

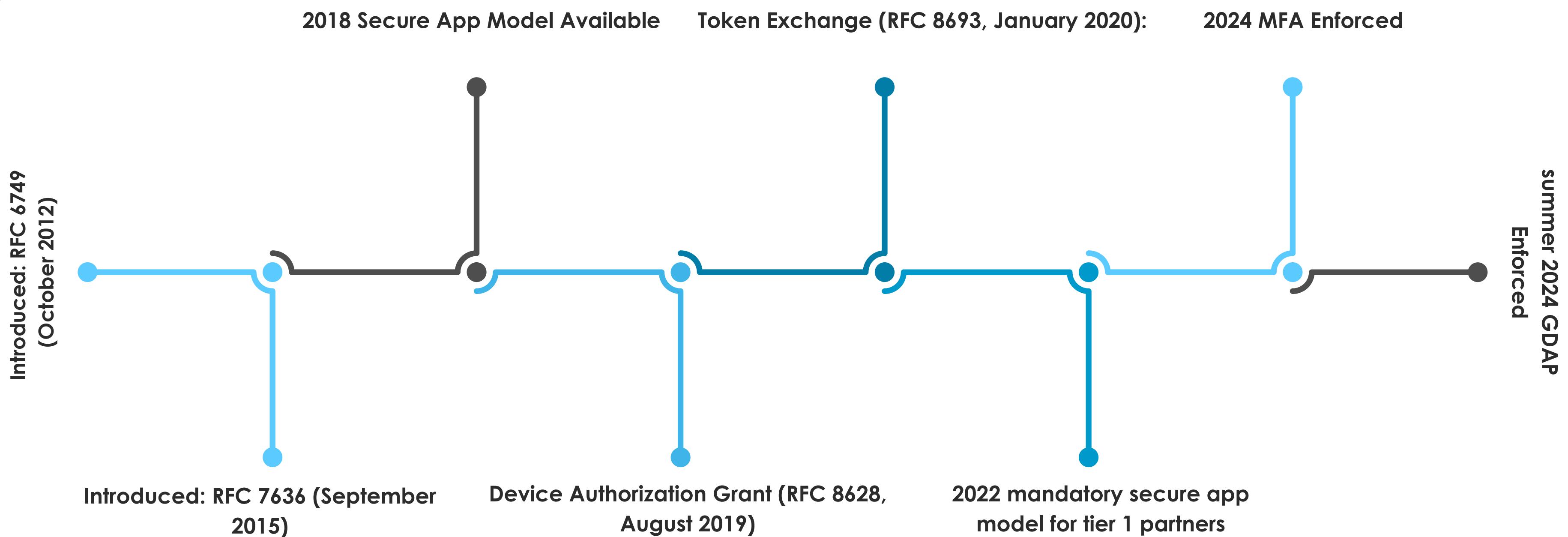
- No need to manage username/password tables
- Reduces risk of password leaks, breaches, and compliance liabilities
- Offload identity management to trusted providers (Google, Microsoft, etc.)

Built for Scale

- Works across apps, APIs, microservices, and third-party integrations
- Standardized protocol makes it future-proof and widely supported

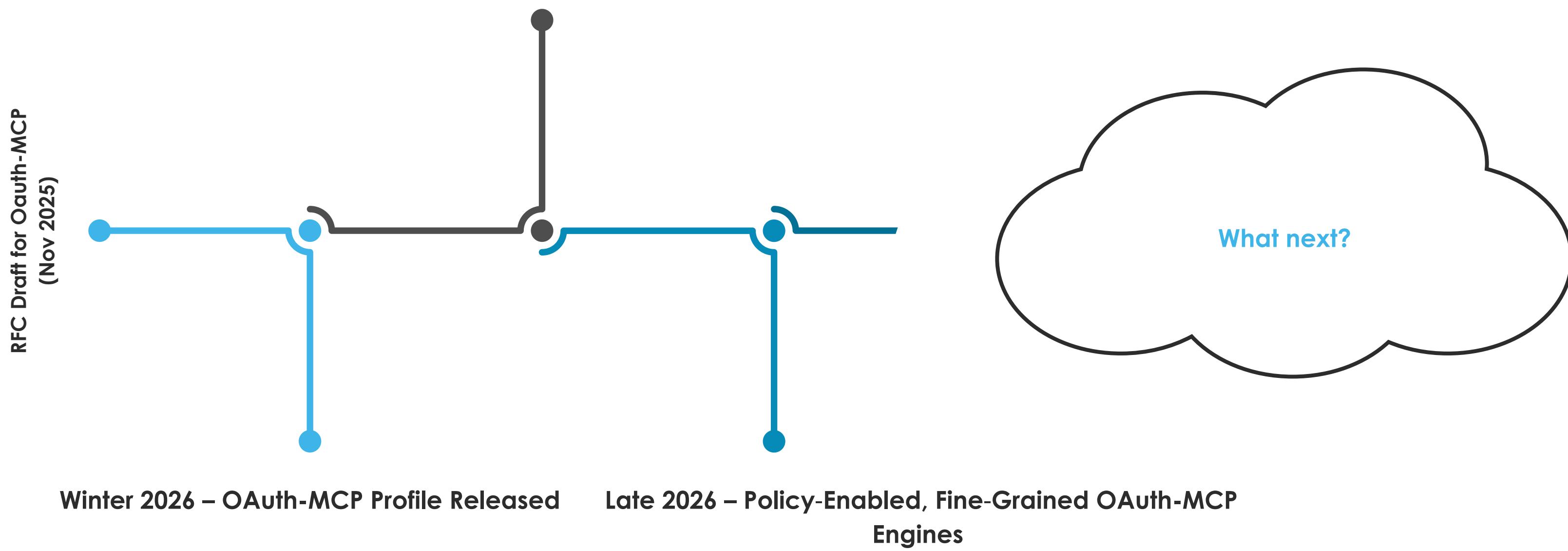


OAUTH / RFC TIMELINE

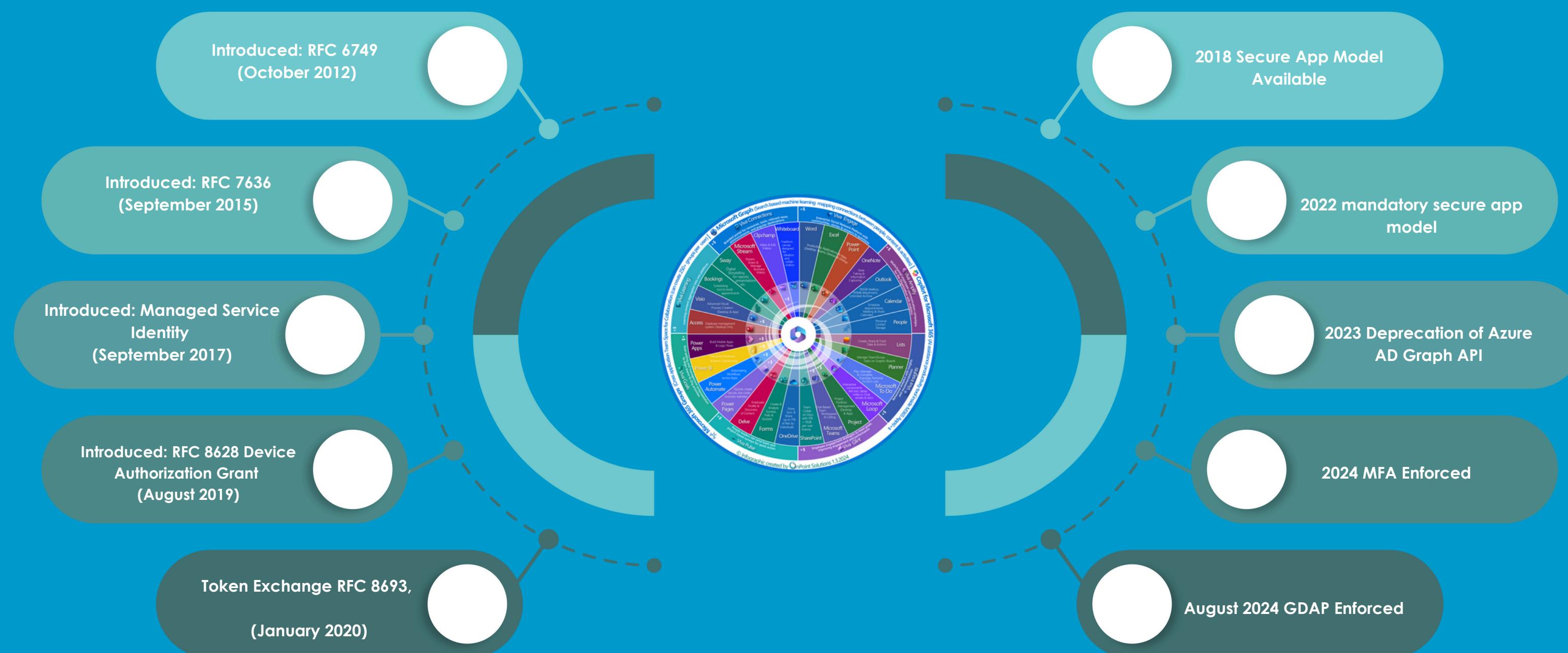


OAUTH / MCP TIMELINE

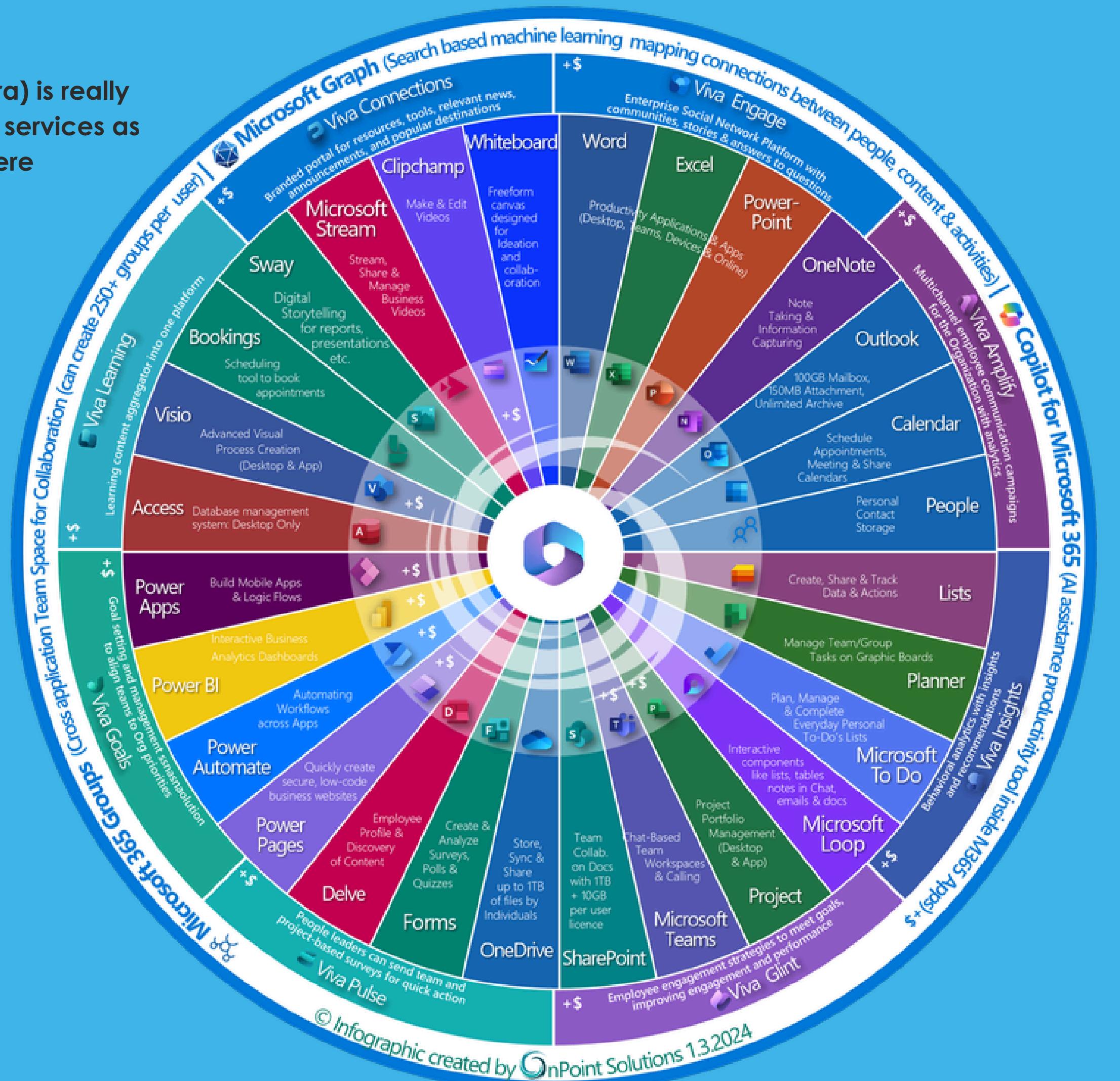
Summer 2026 - Secure MCP Tool Registries



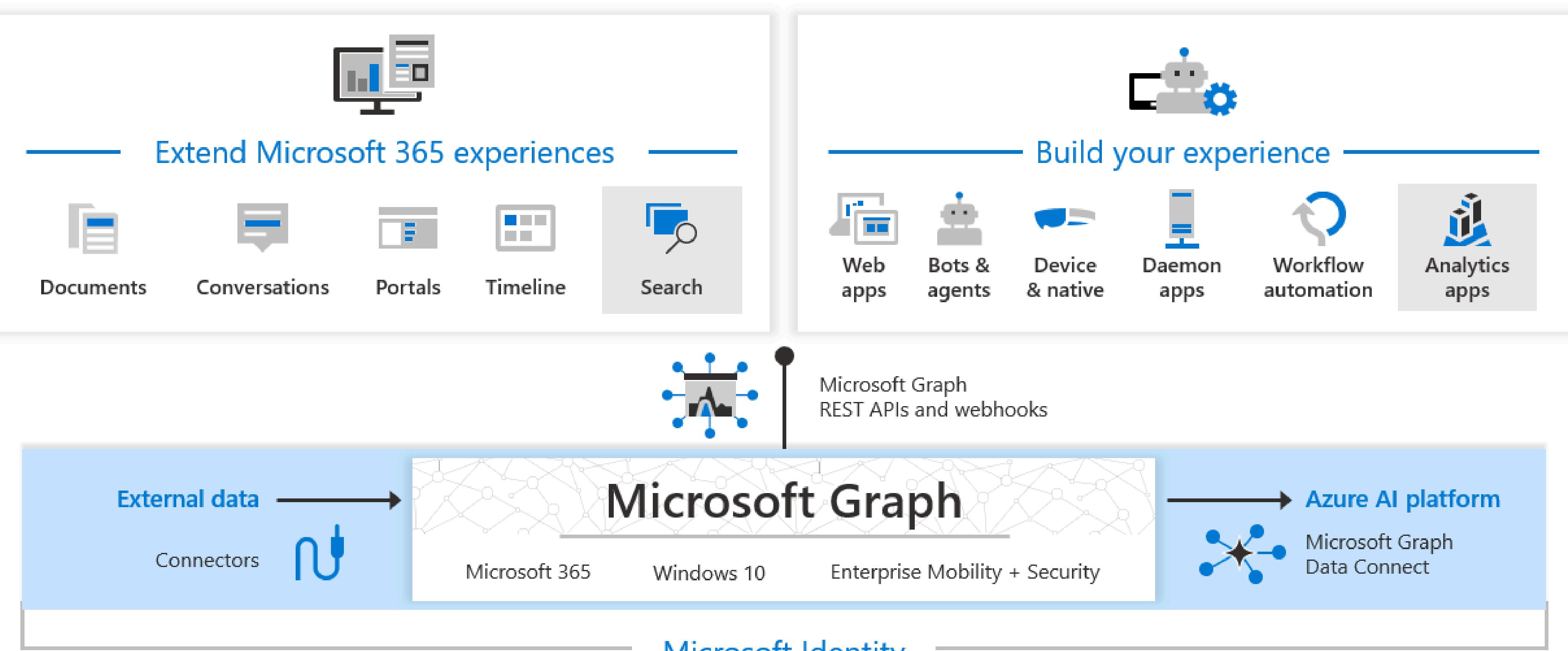
THE ENTRY POINT



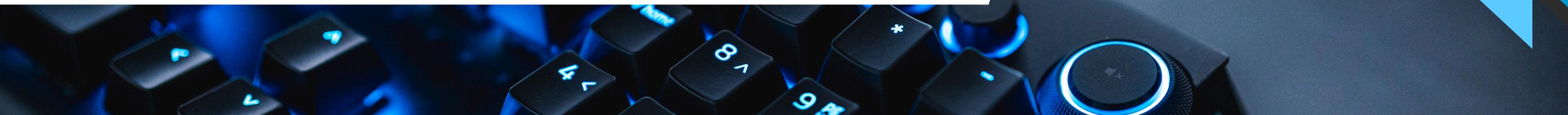
The OAuth2.0 protocol (With Entra) is really the gateway to a whole world of services as shown in the diagram here



Microsoft 365 Platform

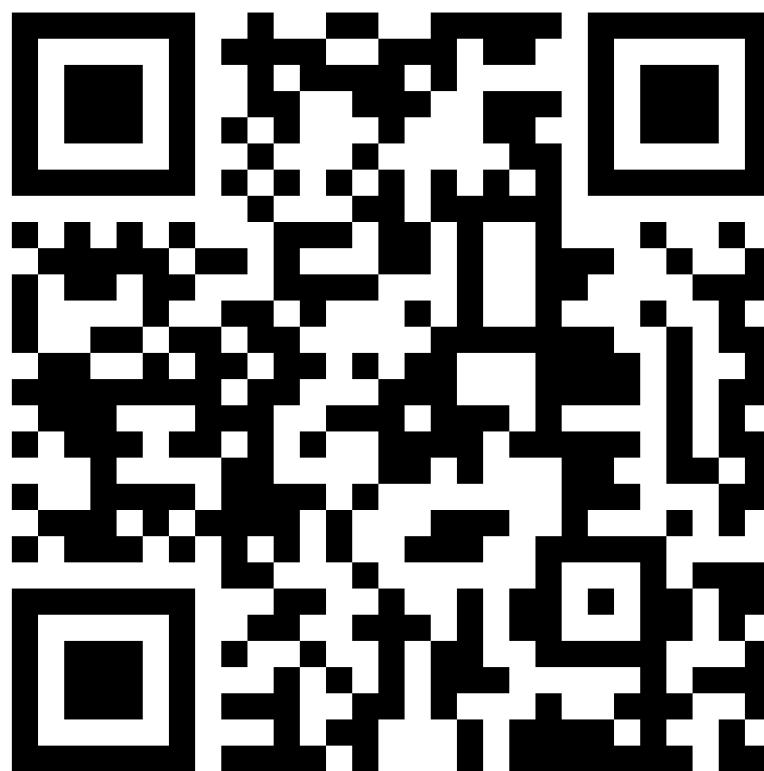
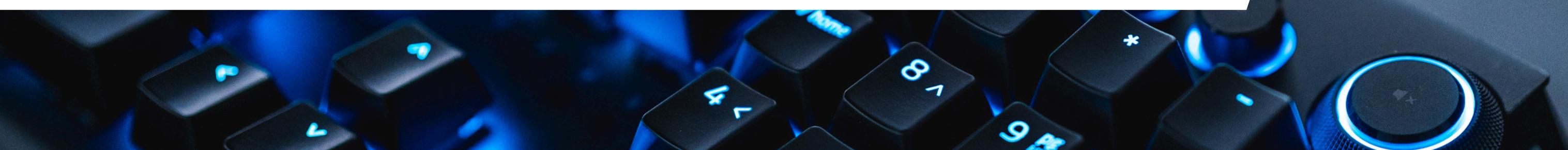


DEMO DEMO DEMO!!!!



- 1.) CF Entra**
- 2.) CF2025 Example**
- 3.) Mgt-dev**

DEMO DEMO DEMO!!!!



CF Entra



Github example



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