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# Take your Azure AD Management Skills to the Next Level with Azure AD Graph API and PowerShell

Jan Vidar Elven, MVP Enterprise Mobility, Modern  
Datacenter Architect at Skill

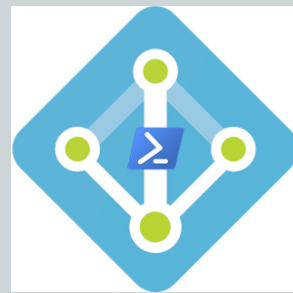
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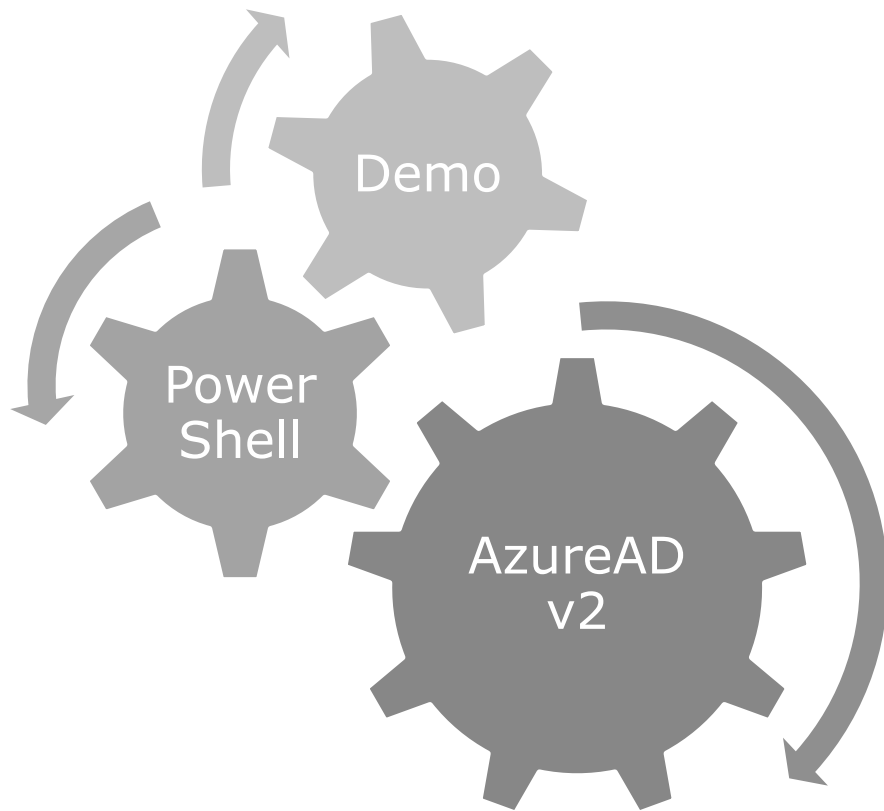
# Key Takeaways

- PowerShell for the Azure AD Administrator
- Azure AD Graph vs. Microsoft Graph
- Quickstart and How-to's
- Azure AD to Power BI

# PowerShell for the Azure AD Administrator

- MSOnline Module (v1)
- AzureAD Module (v2)
- Recommended to use v2. There are 2 versions:
  - AzureAD (GA)
  - AzureADPreview
- Closely aligned with Graph API
- \*AD\* for Azure AD Graph API
- \*ADMS\* for Microsoft Graph API

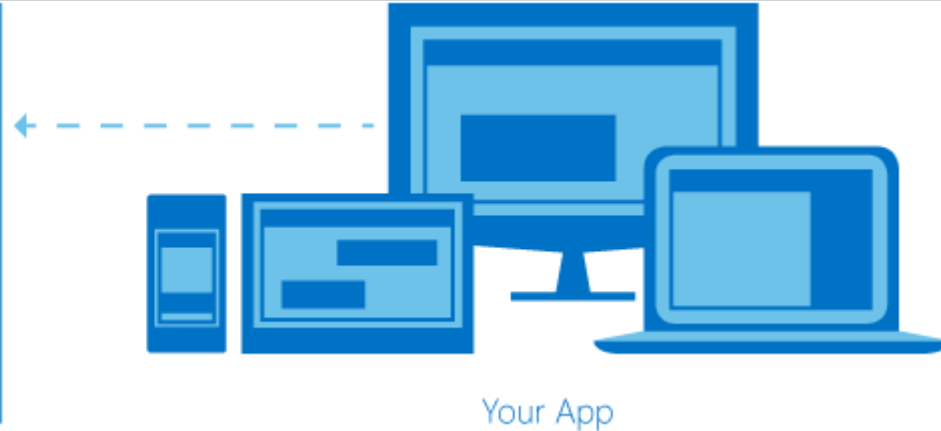
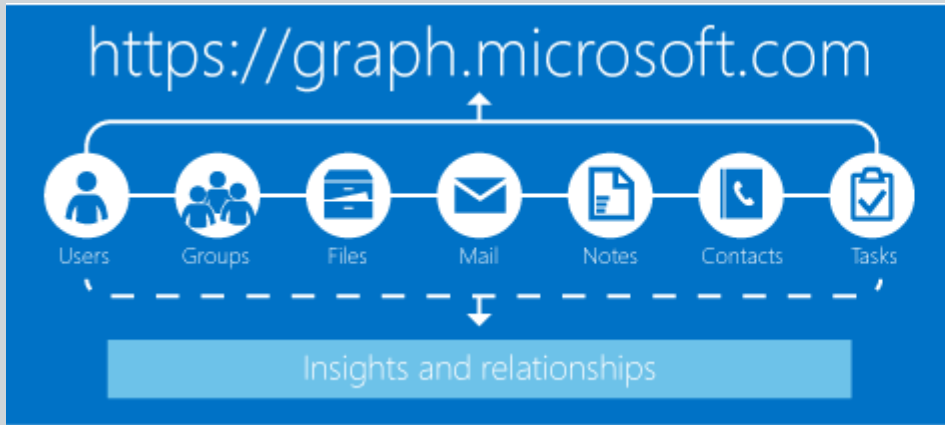


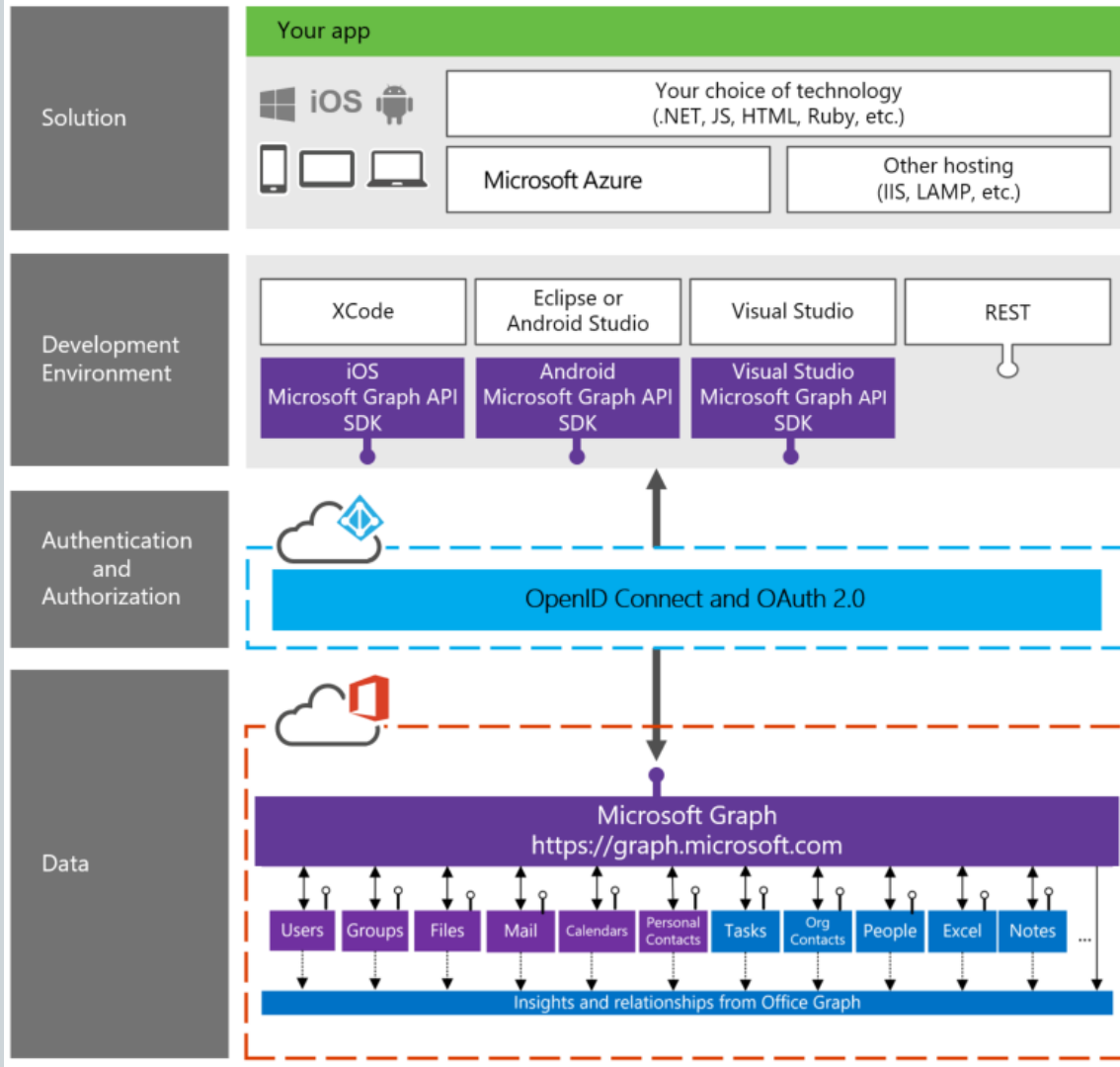


# Graph API

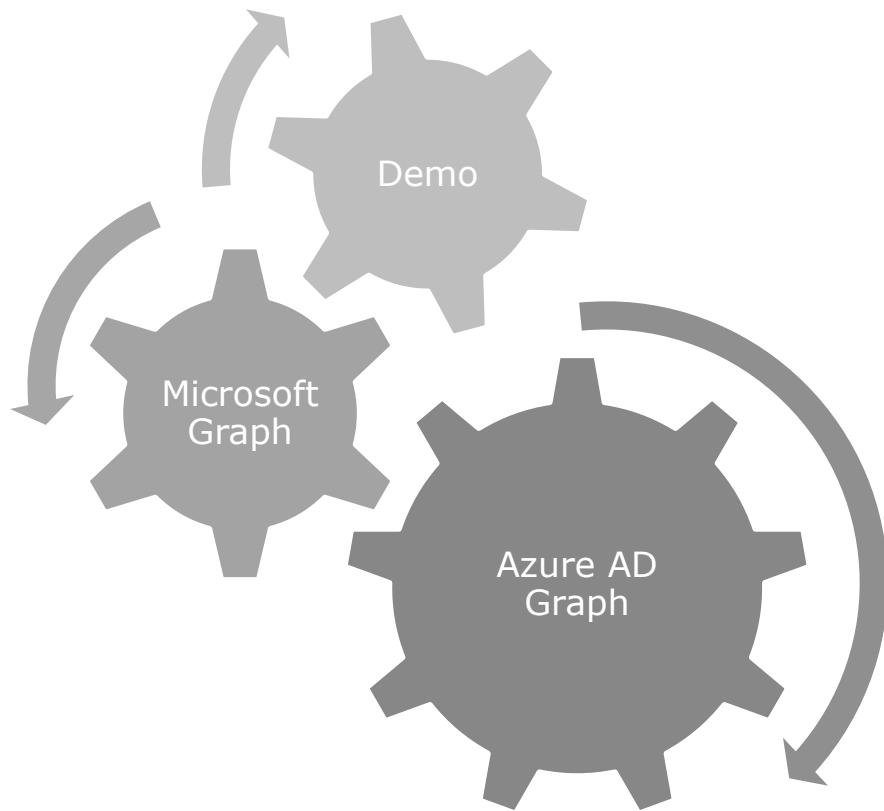
- Azure AD Graph API
  - [graph.windows.net](https://graph.windows.net)
- Microsoft Graph
  - [graph.microsoft.io](https://graph.microsoft.io)
- OAuth authentication with Azure AD
- Both have beta endpoints in addition

# Microsoft Graph – One Endpoint to Rule them All!







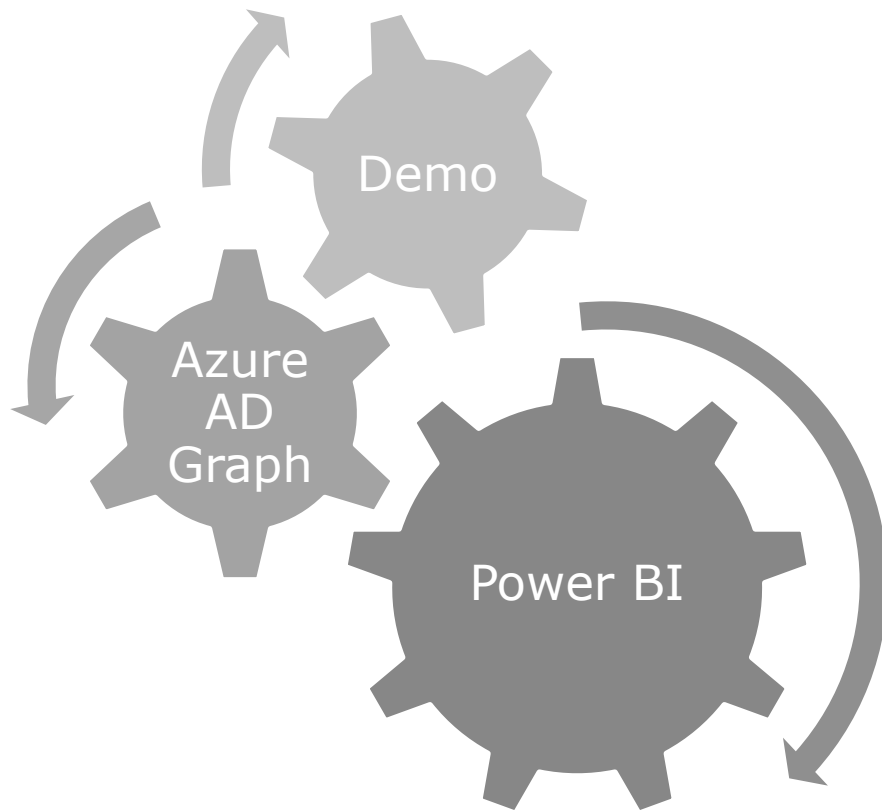


# Graph API and Power BI

- Different approaches
- Odata Feed
- Data files
- Content Pack

# Azure AD Content Pack for Power BI





# Recap

- PowerShell for the Azure AD Administrator
- Azure AD Graph and Microsoft Graph
- Azure AD to Power BI
- Go try!

# Thank you and Connect!

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