



Overview of the Microsoft Graph PowerShell SDK

Nik Charlebois – Senior Product Manager

@NikCharlebois

- Senior Program Manager – **Microsoft Graph (MGDC)**
- Principal Lead/Creator – **Microsoft365DSC**
- Based in **Ottawa, Canada**



Installation

- Available in the **PowerShell Gallery**. (Install-Module)
- Microsoft.Graph is about **660 Mb** in total, across **40+** modules.
 - Microsoft.Graph.Authentication
 - Microsoft.Graph.Bookings
 - Microsoft.Graph.Files
 - Microsoft.Graph.Mail
 - [...]
- Over 17,500 cmdlets
- Supports PowerShell 5.1 and 7+.



Getting Started

- Microsoft Graph operations exposed by **Get/New/Remove/Set** cmdlets.
- Permissions are controlled by **Azure AD Application Registrations**.
 - Delegated & App-Only
- Every Microsoft Graph Endpoint automatically gets PowerShell exposure.
- Open-Source on GitHub
 - [microsoftgraph/msgraph-sdk-powershell: Powershell SDK for Microsoft Graph \(github.com\)](https://github.com/microsoftgraph/msgraph-sdk-powershell)

