# What are the permissions needed for Microsoft Graph?

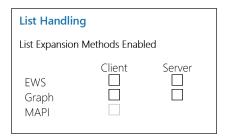
Last Modified on 05/03/2024 4:52 pm EDT

### Permissions for Microsoft Graph

The permissions needed vary depending on whether or not you enable SSO and how you want List Expansion to be handled (Client-Side, Server-Side, or both). Each possible configuration is outlined below. You can skip to the PoliteMail default configuration, Server-Side Expansion, by clicking here.

#### OAUTH (SSO) login to PoliteMail

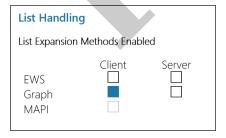
Small lists (< 1000 members) can be expanded via MAPI in Outlook Desktop.



Graph Permission	Application or Delegated
User.Read	Delegated
offline_access	Delegated
openid	Delegated
profile	Delegated

### Client-Side Expansion of Entra ID Groups

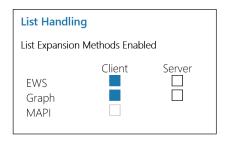
Client (delegated) expansion is not currently supported from PoliteMail Online or PoliteMail for Microsoft 365.



Graph Permission	Application or Delegated
offline_access	Delegated
openid	Delegated
profile	Delegated

User.Read	Delegated
GroupMember.Read.All	Delegated
MailboxSettings.Read	Delegated
OrgContact.Read.All	Delegated
People.Read.All	Delegated
User.Read.All	Delegated

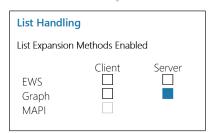
# Client-side expansion of Entra ID Groups and Dynamic Distribution Groups (Exchange) via EWS



<b>Graph Permission</b>	Application or Delegated
offline_access	Delegated
openid	Delegated
profile	Delegated
User.Read	Delegated
GroupMember.Read.All	Delegated
MailboxSettings.Read	Delegated
OrgContact.Read.All	Delegated
People.Read.All	Delegated
User.Read.All	Delegated
EWS.AccessAsUser.All	Delegated

### Server-Side Expansion of Entra ID Groups

This is the default PoliteMail SaaS configuration requirement for M365 integration, and the most often requested.

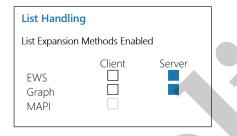


Graph Permission	Application or Delegated
offline_access	Delegated

openid	Delegated
profile	Delegated
User.Read	Delegated
GroupMember.Read.All	Application
MailboxSettings.Read	Application
OrgContact.Read.All	Application
People.Read.All	Application
User.Read.All	Application

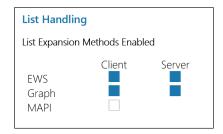
There is no scenario where PoliteMail needs access to all mailboxes; to restrict read.all and limit permissions to a specific mailbox, e.g. a service account, implement an Application Access Policy (Application Scopes) as described in this Microsoft article.

# Server-side expansion of Entra ID Groups and Dynamic Distribution Groups (Exchange) via EWS



Graph Permission	Application or Delegated
offline_access	Delegated
openid	Delegated
profile	Delegated
User.Read	Delegated
GroupMember.Read.All	Application
MailboxSettings.Read	Application
OrgContact.Read.All	Application
People.Read.All	Application
User.Read.All	Application
full_access_as_app (Single Mailbox Application Scope)	Application

### All Features Enabled



Graph Permission	Application or Delegated
offline_access	Delegated
openid	Delegated
profile	Delegated
User.Read	Delegated
GroupMember.Read.All	Both
MailboxSettings.Read	Both
OrgContact.Read.All	Both
People.Read.All	Both
User.Read.All	Both
full_access_as_app (Single Mailbox Application Scope)	Application
EWS.AccessAsUser.All	Delegated