Contents

[Graph Api 2](#_Toc449624629)

# Azure Active directory (AAD)

As I understand AAD stores user names and passwords against tenants. It does not store user permissions. You can create several apps in AAD using your azure account. These apps have information of permissions. These apps have clientID and client secret. Using ClientID and client secret of these AAD apps several other cloud applications can connect to these AAD apps and use the permissions information stored therein. For client side Microsoft provides several libraries as ADAL wherein you can give client ID and you get access token and refresh token from AAD.

There is ClientID and ClientSecret. It is important to understand where ClientID is used and where ClientSecret and ClientID both are used. In client side applications such as HTML and angular apps browser redirect is possible. There you don’t need the client secret to get token. You give ClientID only and you are redirected to give user name / password, the same is authenticated and token is generated. But when a web service or node server or cloud app wants to authenticate against AAD it needs to give the client secret also since it cannot be redirected for collection of user name and password. You can consider the ClientSecret as a replacement of user name / password.

# Graph Api

This is social graph. Three objects:

Nodes: These are “things” like person, photo, comments

Edges: Connection between things. Person’s photo, photo’s comment

Fields: Info of things as name of person, birthday of person.

Works on http. You need access token which can be found from login. All requests are passed to graph.facebook.com except video uploads at graph-video.facebook.com.

Work:

At <https://developers.facebook.com/tools/explorer> click get token and find access token. Using this page I was able to find information about me and I posted one post.