Integrating PowerApps with External Systems



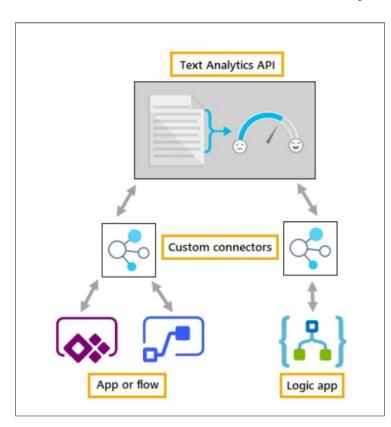
Agenda

- Calling External Services using HTTP Actions
- Executing Child Flows from a Parent Flow
- Creating and Testing Custom Connector
- Configuring a Custom Connector to use OAuth



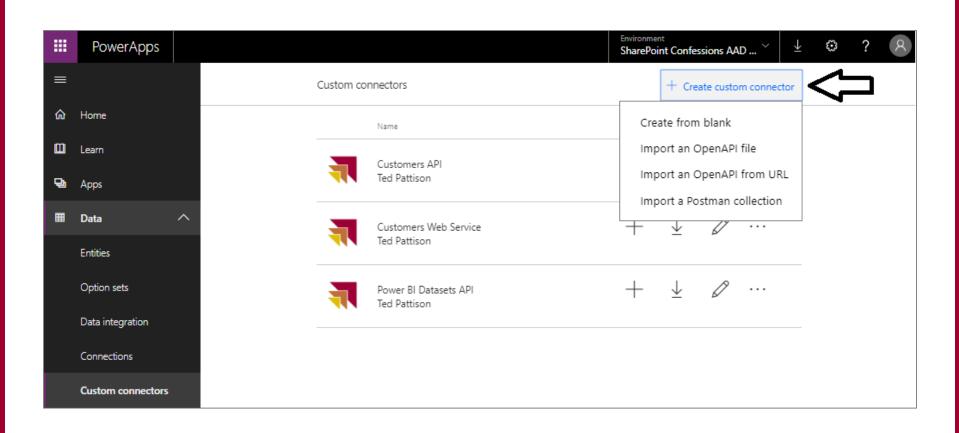
Standard Connectors vs Custom Connectors

- PowerApps Supports two types of connectors
 - Standard connectors supplied out-of-box and vetted by Microsoft
 - Custom connectors created by organizations for their own use



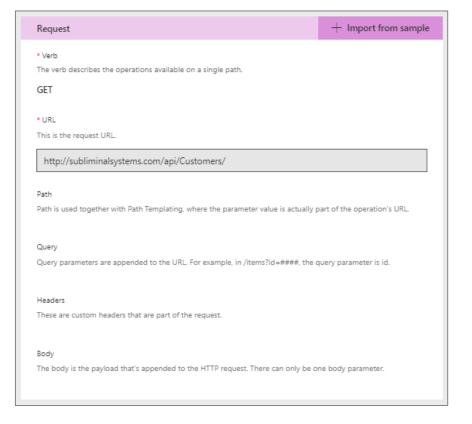


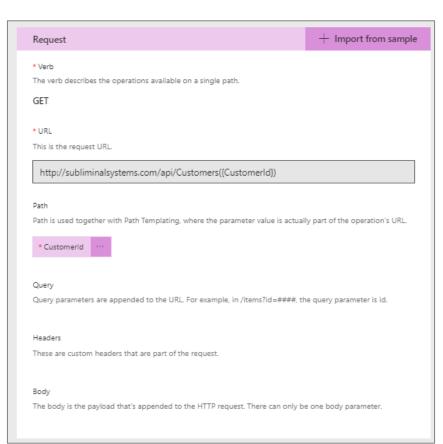
Creating a New Custom Connector





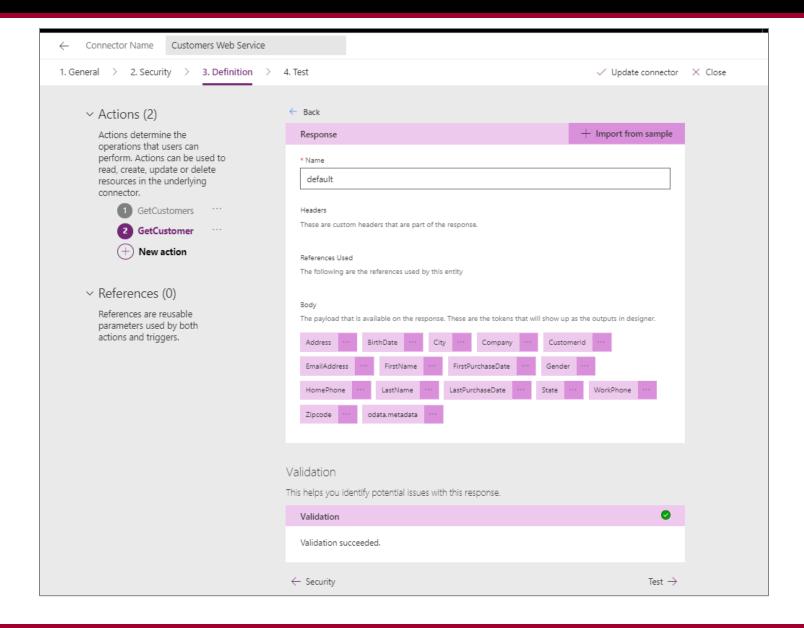
Defining Requests





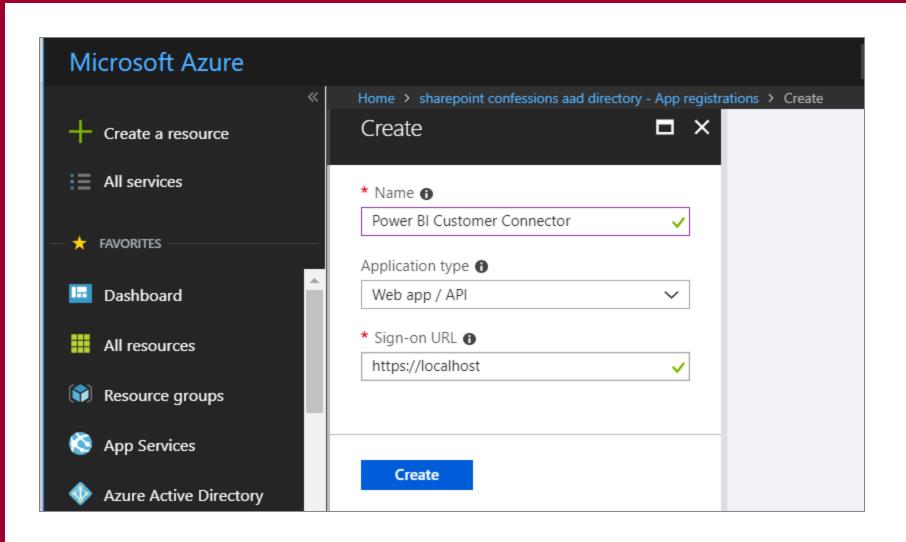


Defining the Response



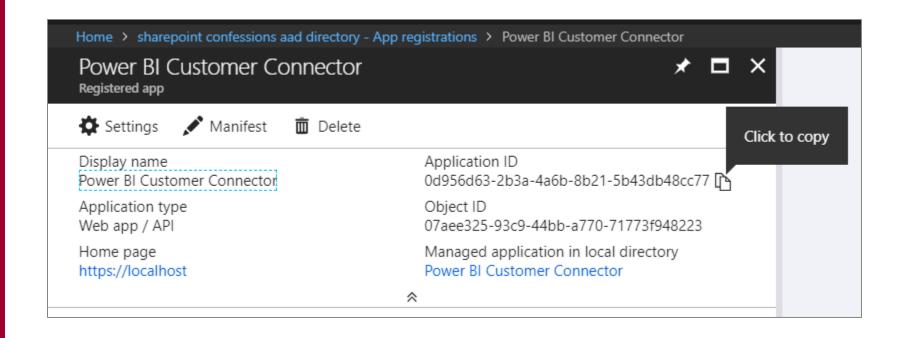


Creating an Azure AD Application



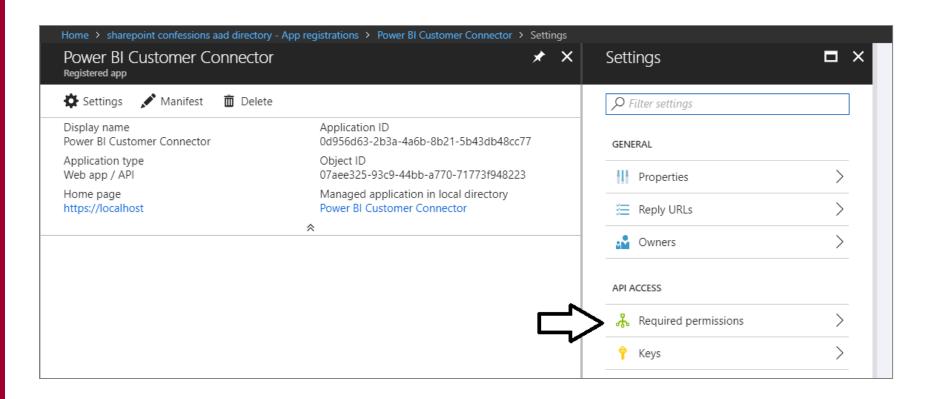


Application ID (aka Client ID)



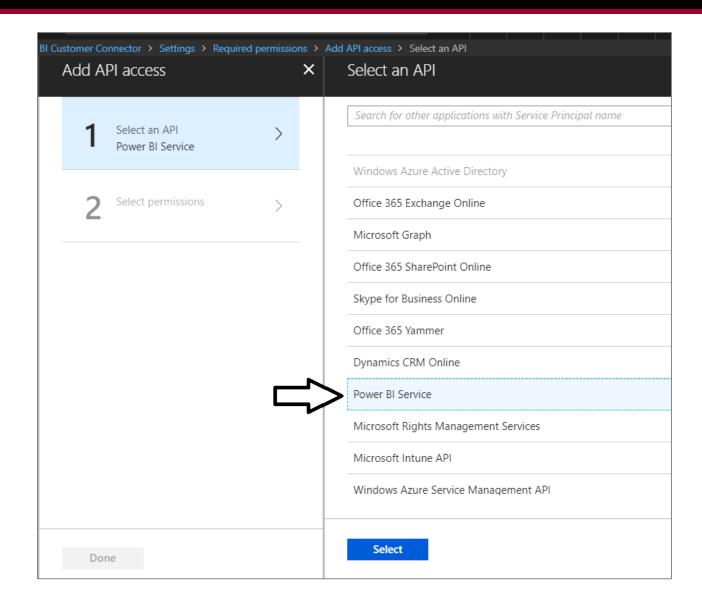


Configuring Permissions



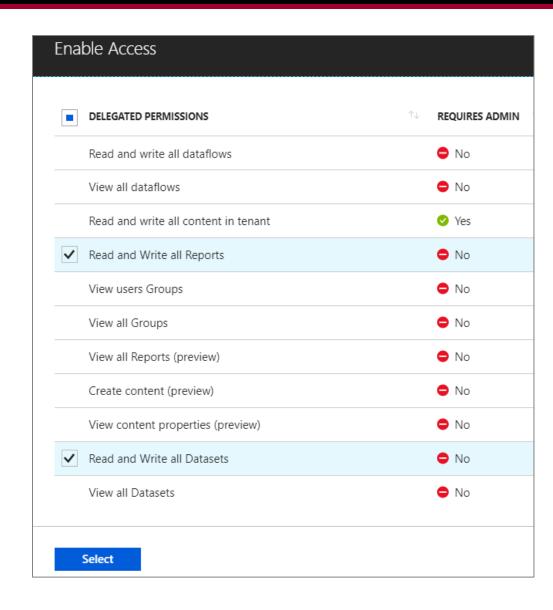


Select the Power BI Service for the API





Select the Required Permissions



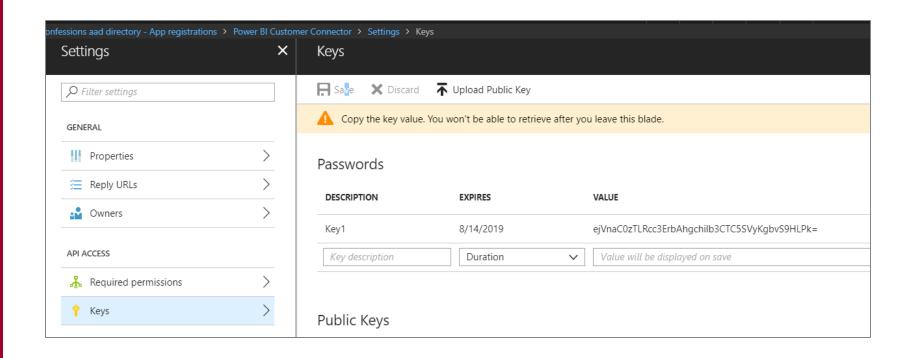


Granting Permissions in Azure AD Portal

Required permissions		
♣ Add ♣ Grant permissions		
API	APPLICATION PERM	II DELEGATED P
Windows Azure Active Directory	0	1
Power BI Service	0	3



Generating a Key Secret





Data Required to Create Custom Connector

```
CustomConnectorAzureAD.txt - Notepad

File Edit Format View Help

Application ID (aka Client ID)

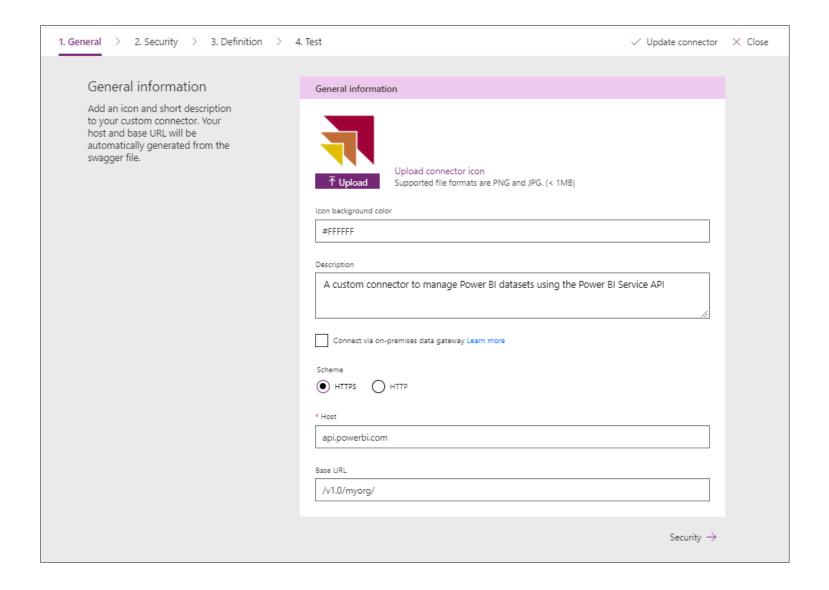
0d956d63-2b3a-4a6b-8b21-5b43db48cc77

Secret Key

ejVnaC0zTLRcc3ErbAhgchilb3CTC5SVyKgbvS9HLPk=
```

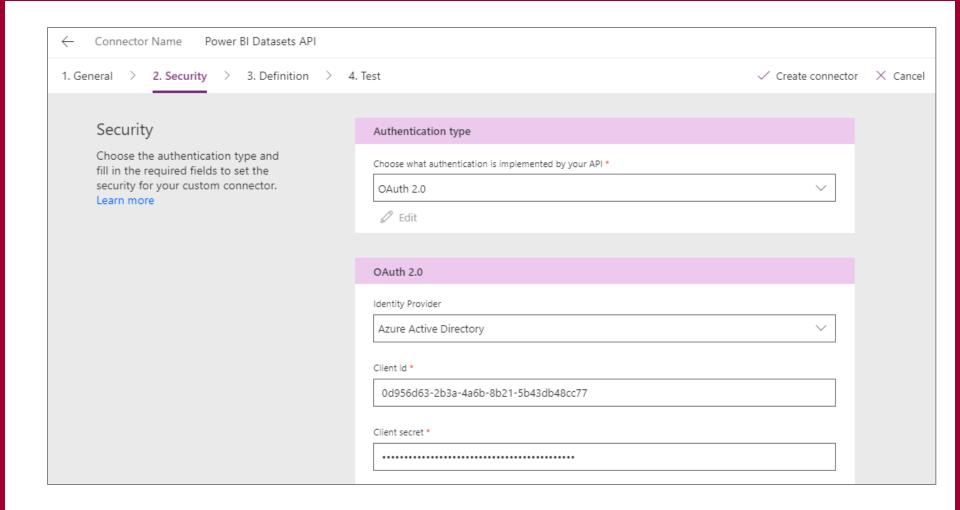


Creating the New Custom Connector



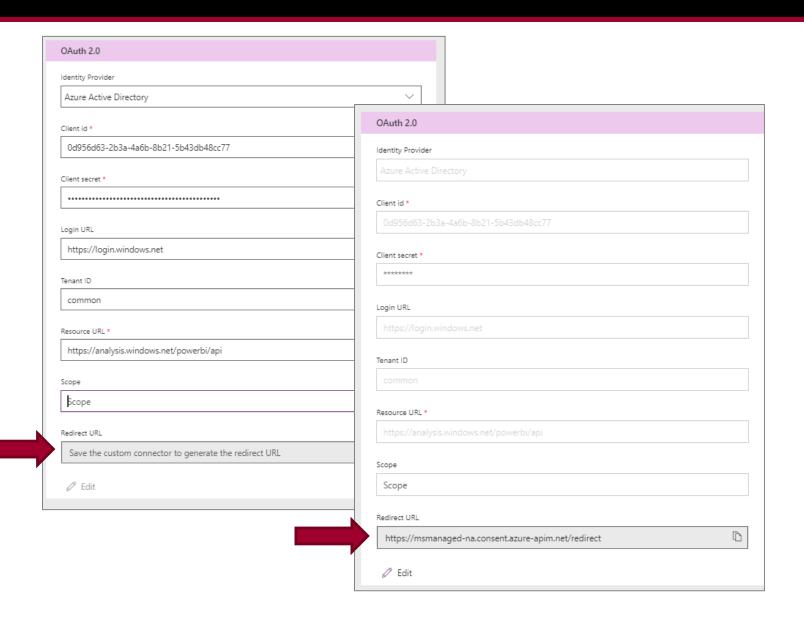


Configuring the Client Id and Client Secret





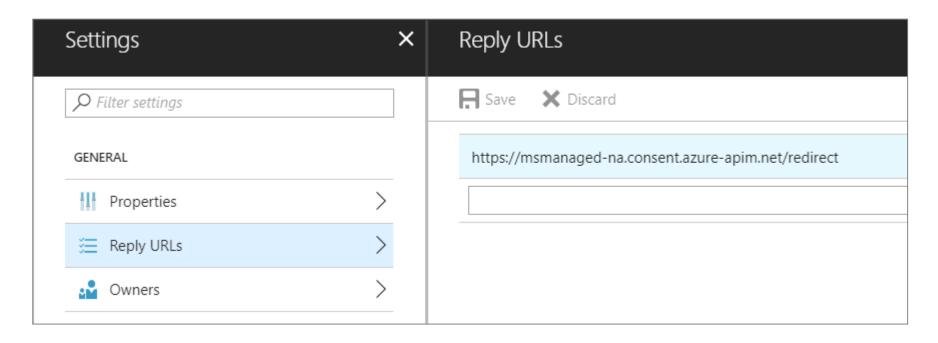
What About the Redirect URL?





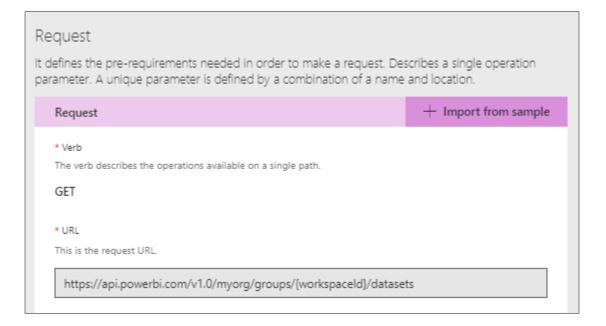
Adding the Redirect URL back in Azure AD





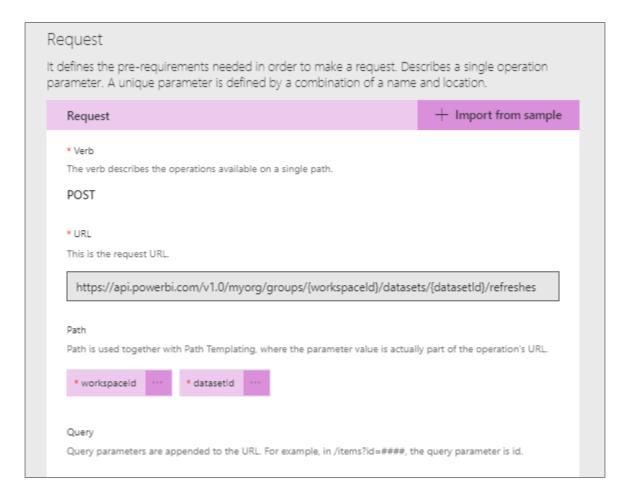


GetDatasets



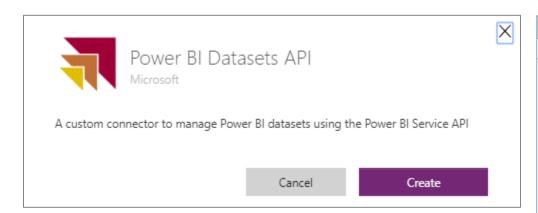


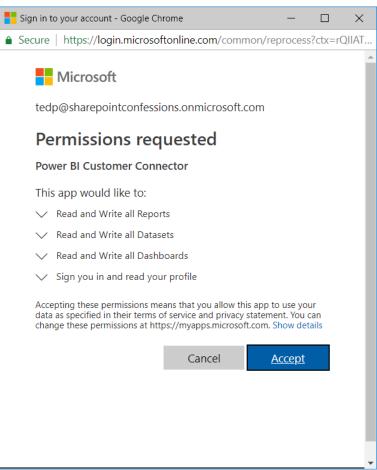
RefreshDataset





Creating a New Connection







Importing Apps that use Custom Connections

