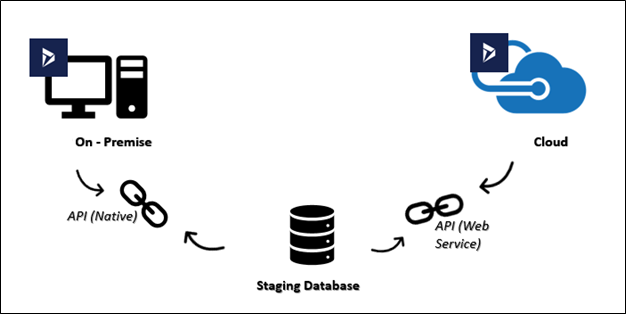
# Concept



* There are two D365 environment: On-premise and Cloud
* The idea is to integrate both environment without exposing On-premise to external network
* Staging database will be used to temporarily hold data from one environment to be retrieved by the other environment
* Records to be synchronized are: Product master, sales order, order posting status, stocks consumption

# Technologies to be used

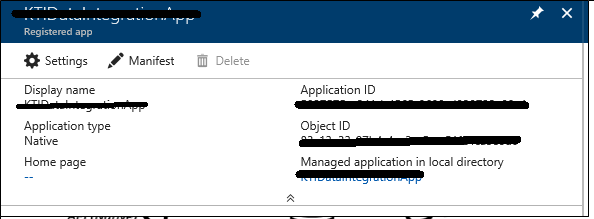
Technology to be used is any of the following:

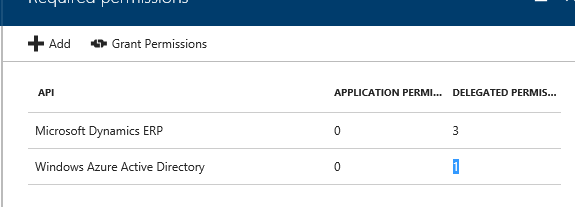
* Custom Service (SOAP)
* Custom Service (JSON)
* OData Integration

# Procedures

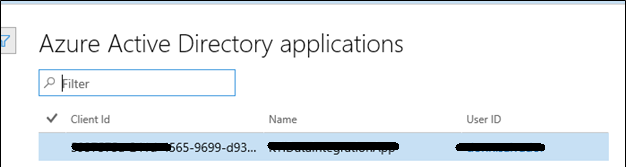
I have configured the following as per D365 Dynamics Cookbook and <https://docs.microsoft.com/en-us/dynamics365/unified-operations/dev-itpro/data-entities/services-home-page> :

* App Registration from the AAD





* Azure Active Directory applications from D365O



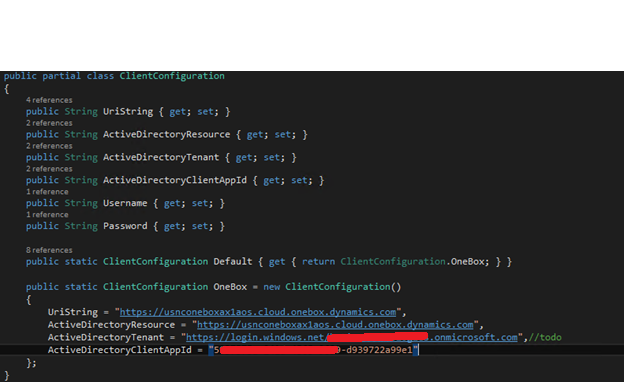
# Authentication Code

Followed the code from D365 Development Cookbook and [Github](https://github.com/Microsoft/Dynamics-AX-Integration).

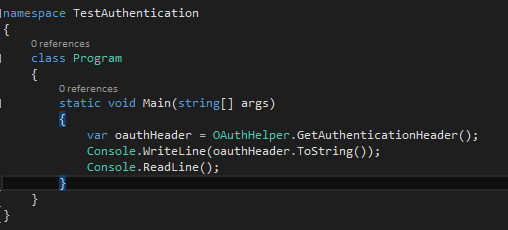
## Authentication



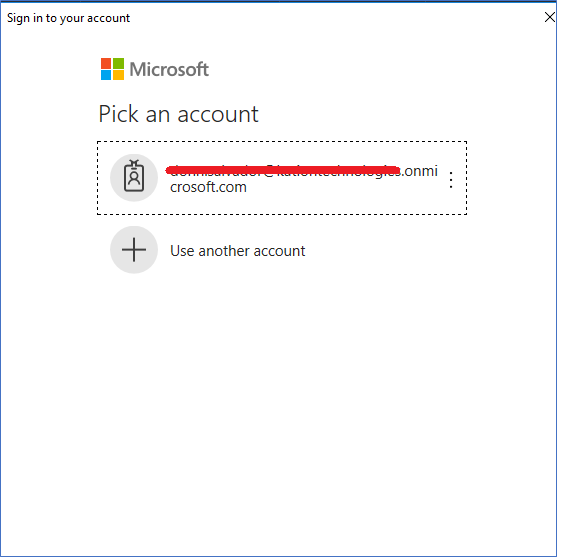
## Client Configuration

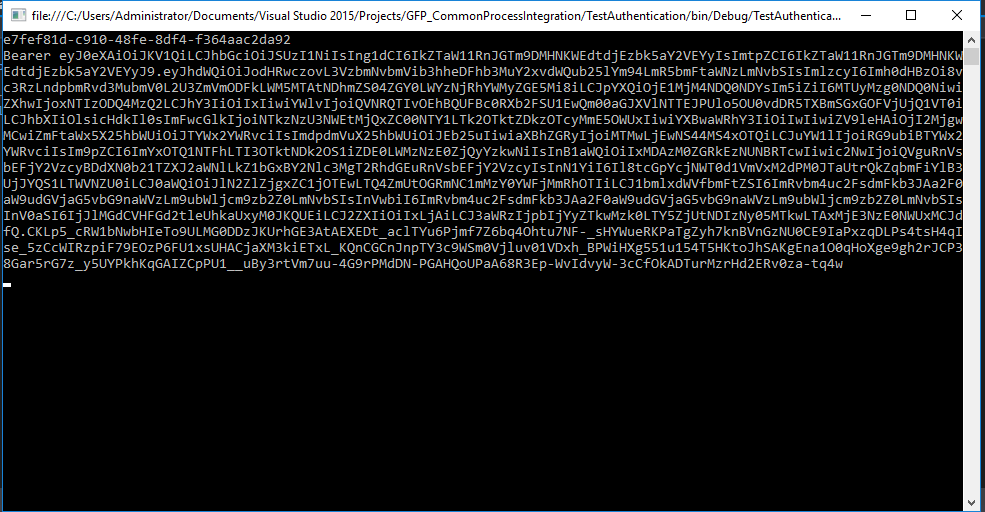


## Authentication Testing



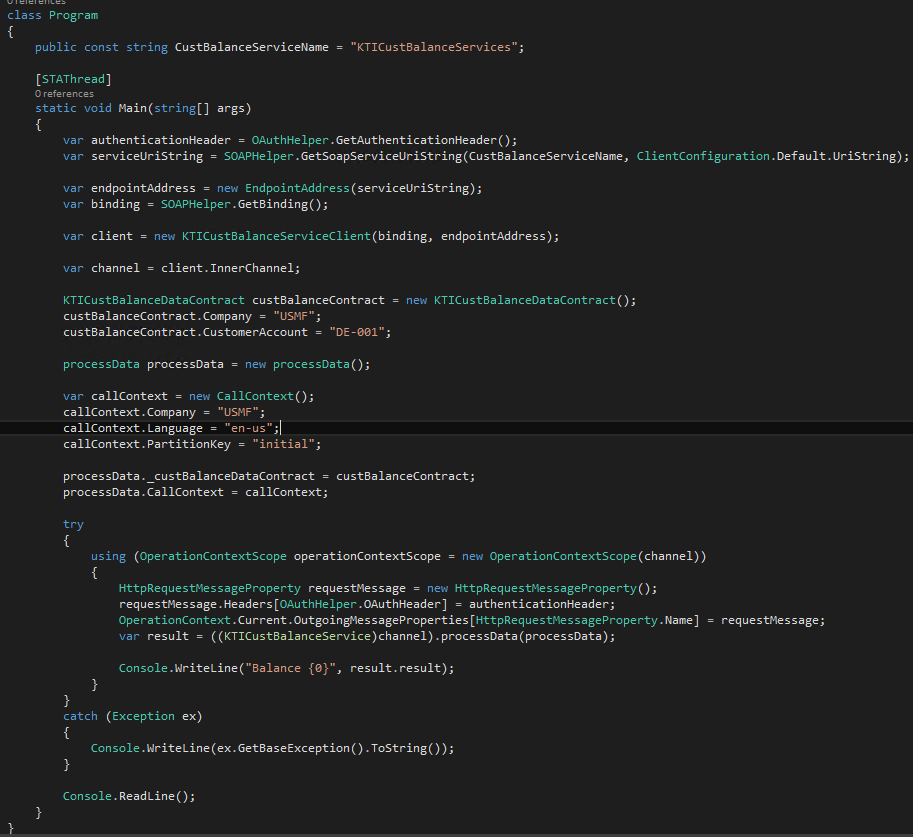
## Sample Output



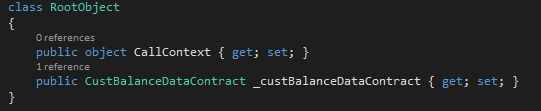


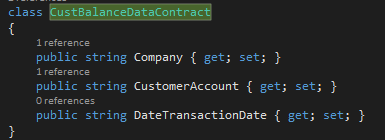
# Integration Code

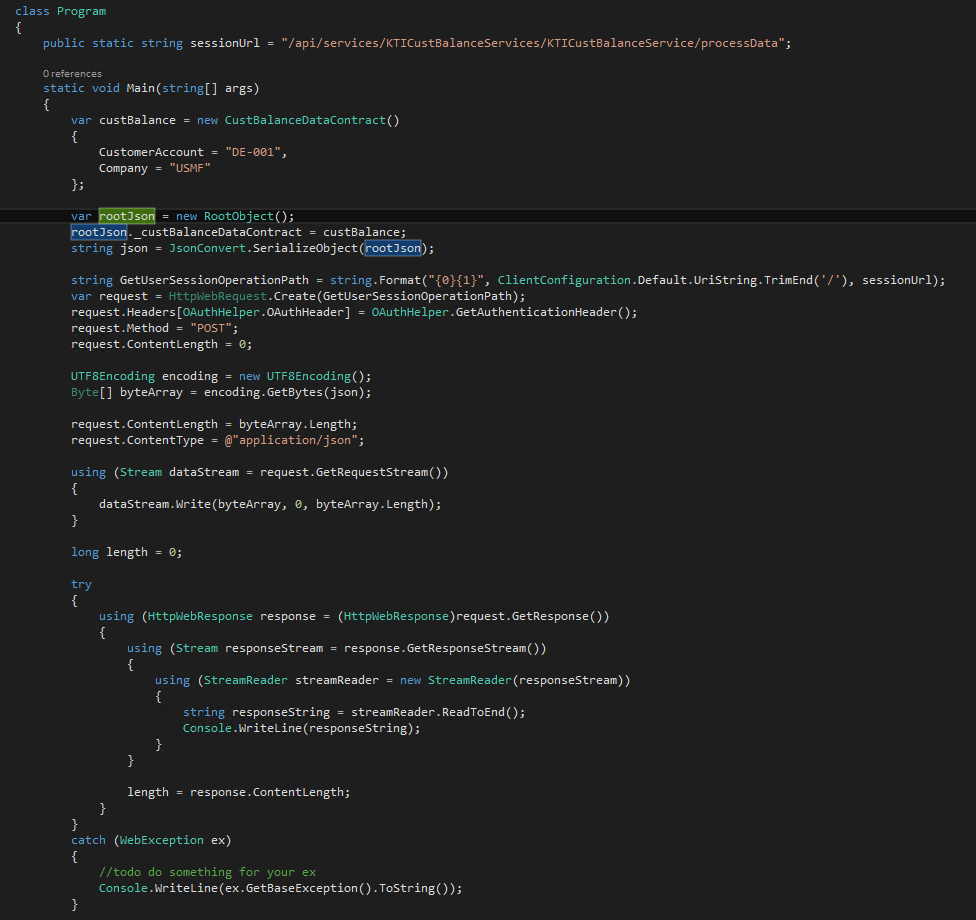
## SOAP



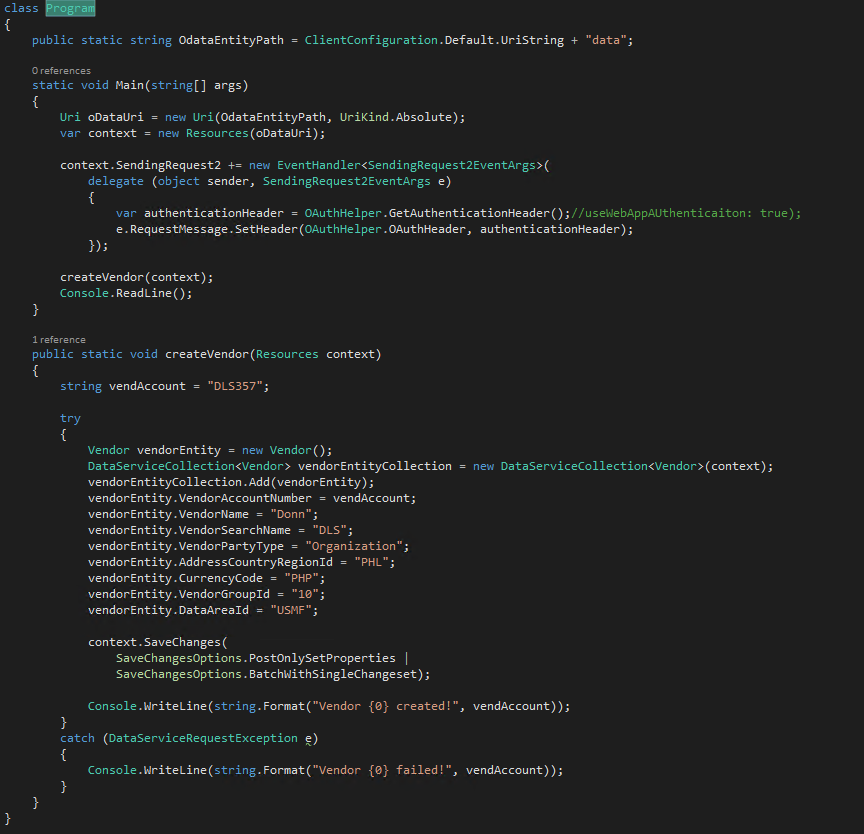
## JSON





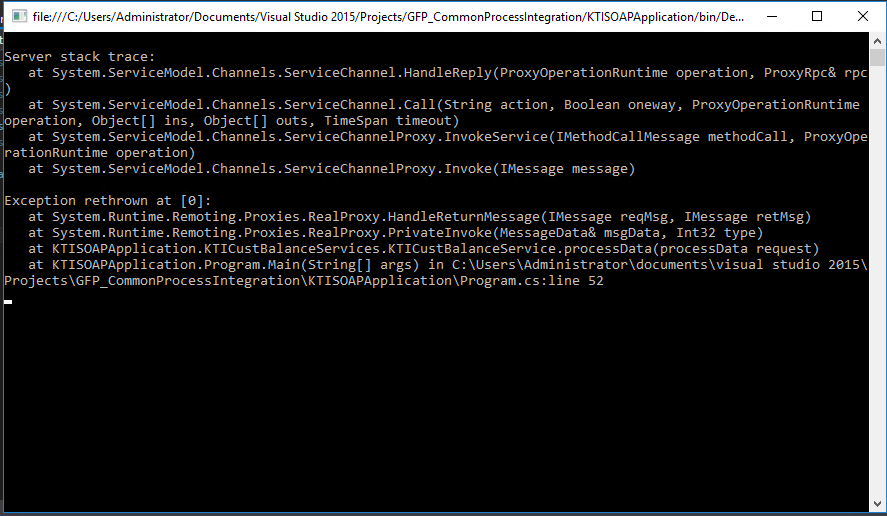


## ODATA



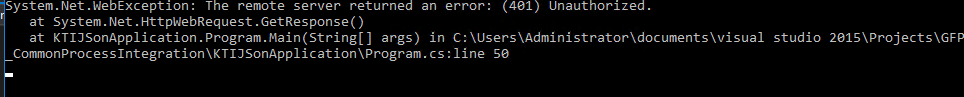
# Error

## SOAP





## JSON





## ODATA

