



Personal Data Privacy and Protection platform integration with Microsoft Planner

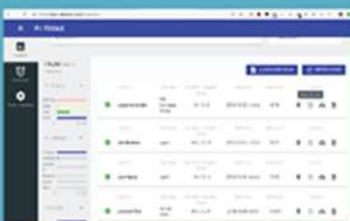
Microsoft Planner



Microsoft Graph Planner API returns the requested data for the scan

Connector app requests for access token to authenticate the user and makes REST API call to Microsoft Graph Planner API

Threat Intelligence Platform



Connector app retrieves the requested data, processes the response data, sample it based on predefined sampling techniques, parse the response and sends it to the Customer Platform



Connector App

Connector triggers a call to the connector app to initiate a scan on the Microsoft Planner plan details



Customer

Customer is a leading Personal Data Privacy and Protection provider.

It enables organizations to discover and map all types of data from all enterprise data sources; automatically classify, correlate, and catalog identity & entity data into profiles; manage and protect enterprise data with advanced data intelligence; and automate data privacy and protection.

It identifies all PII across structured, unstructured, cloud & Big Data.

Customer requested to build a Connector app to integrate their platform with Microsoft Planner to scan the plans data for finding the PII information.



Requirement



Technology Solution

- The Microsoft Graph API offers a single endpoint to provide access to rich, people-centric data and insights exposed as resources of Microsoft 365 services.
- Microsoft Planner is a planning application available on the Microsoft Office 365 platform.
- Sacumen developed the Connector app to integrate Microsoft Planner using C# 8.0 (.NET Core 3.0). The Connector app performs the following actions:
 - Set up the prerequisites
 - O365 Account with Admin privileges
 - Registered app which will give the client id & client secret
 - Grant the required permissions (Group.Read.All and Group.ReadWrite.All)
 - Requests for access token by using OAuth 2.0 authorization code flow which uses the client id and the client secret and requires the user to sign-in.
 - Retrieves the plans and its task details (drive items) using the Microsoft Graph Planner API and the access token.
 - Samples the fetched data using predefined sampling techniques.
 - Formats the data and pass it to the customer.

