



Personal Data Privacy and Protection platform integration with Microsoft Teams

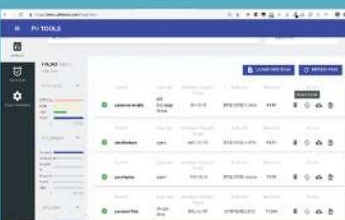


Microsoft Teams

Microsoft Team Graph API returns the requested teams data for the scan

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

PII data Scanning Application



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 Teams Data



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 catalogue 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 its platform with Microsoft Teams to scan the teams 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.
- Sacumen developed the Connector app to integrate Microsoft Teams using Java SDK 8 version. The Connector app performs the following actions:
 - Set up the prerequisites
 - › O365 Account with Admin privileges
 - › Registered app which will give the App Id & App Secret
 - › Grant the required permissions (Group.ReadWrite.All and User.ReadWrite.All)
 - Requests for an access token by using device code flow (App Id & App Secret) and sign in the user to authenticate.
 - Retrieves the team's data and the channel data using the Microsoft Teams Graph API.
 - Samples the fetched data using predefined sampling techniques.
 - Formats the data and pass it to the customer.

