



Threat Intelligence platform integration with Google Drive

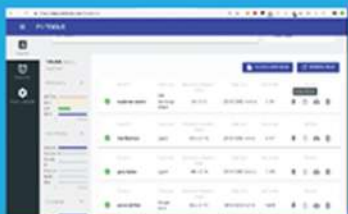


Google Drive

Google Drive API returns the requested files for the scan

Connector app uses client id and client secret to connect to Google Drive API using OAuth2.0

Threat Intelligence Platform



Connector app retrieves the files from the storage, 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 Google Drive



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 Google Drive to scan the files present in the Drive for finding the PII information.



Requirement



Technology Solution

- Google Drive is a file storage and synchronization service developed by Google. It allows users to store files on their servers, synchronize files across devices, and share files.
- Sacumen developed the Connector app to integrate Google Drive using C# 8.0 (.NET Core 3.0). The Connector app performs the following actions:
 - › Requests for an access token using the client id and client secret.
 - › Creates a connection to Google Drive account using OAuth2.0
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 - › Samples the fetched data using predefined sampling techniques.
 - › Formats the received data in required format and pass it to the customer.

