



Data Protection platform integration with Couchbase Database



Couchbase returns the requested data for the scan

Connector app connects to the Couchbase using Basic auth and fetch the documents of a bucket present in a cluster

Threat Intelligence Platform



Connector app retrieves the documents from Couchbase cluster, 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 Couchbase



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 Amazon Relational Database to scan the data present in the Amazon RDS for finding the PII information.



Requirement



Technology Solution

- Couchbase Server, originally known as Membase, is an open-source, distributed multi-model NoSQL document-oriented database software package that is optimized for interactive applications.
- Sacumen developed the Connector App to integrate Couchbase using C# 8.0 (.NET Core 3.0). The Connector app performs the following actions:
 - Creates an connection to Couchbase cluster using basic auth.
 - Connects to buckets present in the cluster.
 - Retrieves the documents of all the buckets.
 - Samples the fetched data using predefined sampling techniques.
 - Formats the received data in required format and pass it to the customer.

