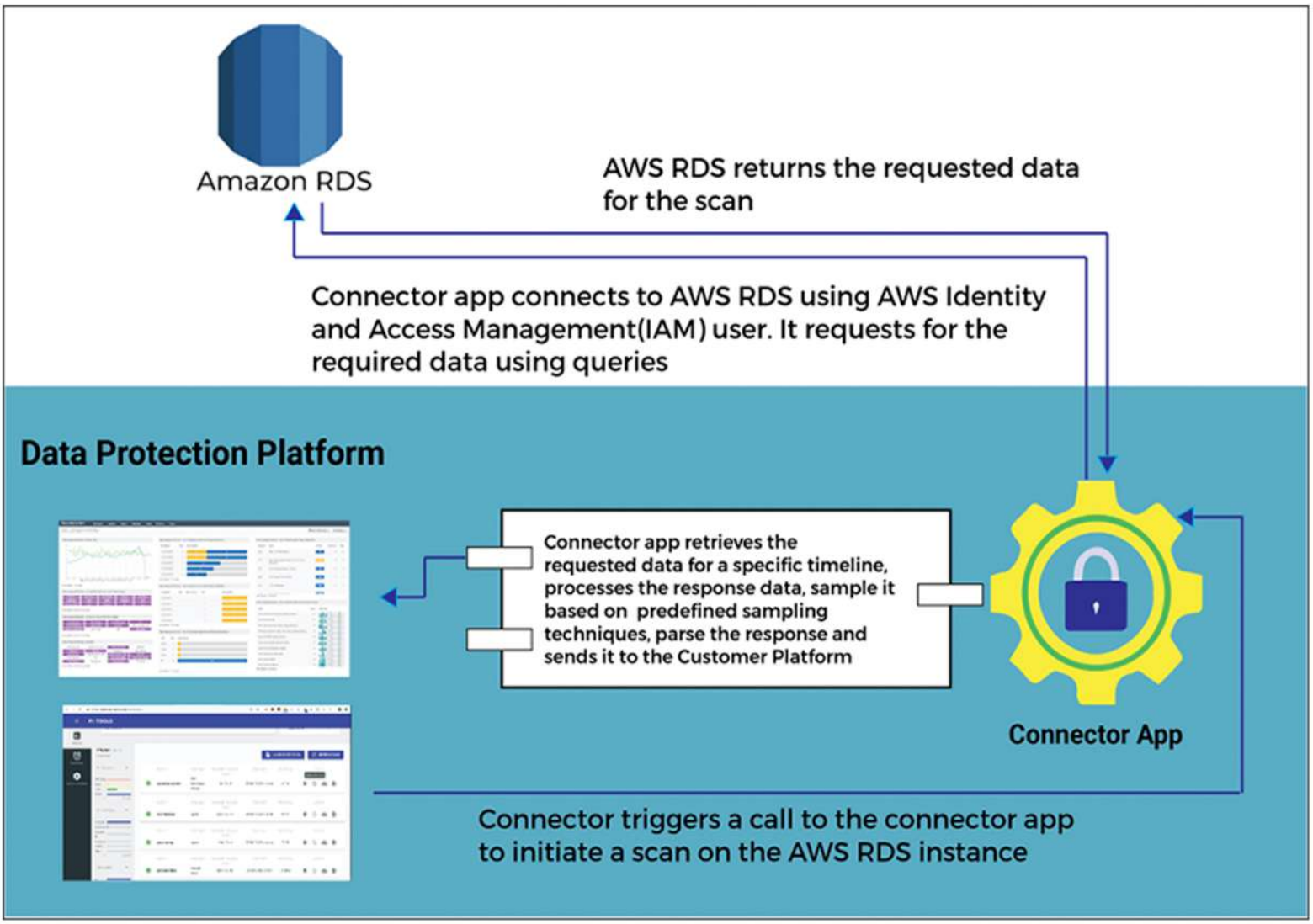
Data Protection platform integration with Amazon Relational Database



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.

Requirement

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.

Technology Solution

- Amazon Relational Database Service (Amazon RDS) is a web service that makes it easier to set up, operate, and scale a relational database in the cloud.
- Sacumen developed the Connector app to integrate Amazon RDS using C# 8.0 (.NET Core 3.0). The Connector app performs the following actions:
  - Creates an AWS Identity and Access Management (IAM) User.
  - Connects to AWS RDS instance using the connection string.
  - Retrieves the data of all the tables from the database.
  - Gets the requested data within a certain timeline.
  - Samples the fetched data using predefined sampling techniques.
  - Formats the received data in the required the format and pass it to the customer.

SACUMEN Security Execution Partner

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