

OneForce Processes User Requests Quickly Implementing DynamoDB Services

The Requirement

The challenge was to implement a solution where users can utilize the security scan services offered based on the selected criteria and view the results when the scan gets completed, and whenever required.

The Implementation

A static website was hosted in Amazon S3 and was served using Amazon CloudFront. REST APIs were created and integrated with AWS Lambda Functions to carry out the business logic. When a user submits the data, it is stored in the DynamoDB table using the “requestID” as the partition key, which is later accessed by the lambda functions to perform the business logic. Upon completing the scan, the results were sent to the user email via Amazon SES. Its JSON format was stored in the DynamoDB table for the associated “requestID,” which the user can later access when required.

Technologies Used

- Amazon DynamoDB
- Amazon CloudFront
- AWS Lambda
- Amazon DynamoDB
- Amazon API Gateway
- Amazon SES

ONE FORCE

About OneForce

OneForce Inc. is an intelligent software company specializing in knowledge work automation. They created the next generation Brain Core cognitive technology that leverages the most advanced deep learning and natural language processing algorithms.

The Solution

The solution was to provide a user interface using Amazon S3, deploy an API gateway integrated with lambda functions, and implement DynamoDB to store user-submitted data for processing the request and storing the results back in the database and then sending them to the user-provided email using SES.

