PKWARE

Commercial Banking Company

Introduction

With total consolidated assets of $35 billion USD at the end of 2020, this commercial banking organization feeds large volumes of data in compressed parquet format via a third-party tool into its AWS S3 buckets.

Challenges

The bank needed the capability to identify sensitive information in the specific parquet file formats, remediate any false-positives, and mask actual sensitive data in a way that preserved the format of the original data. Also required was a fully automated flow for the workflow that could be applied to any new data feeds coming in from the AWS S3 bucket.

Use Case

The bank deployed PK Protect in their AWS environments with a custom policy set up to define the required sensitive data. PKWARE leveraged EMR Cluster for running MR jobs so that discovery could be performed on large scales, and bulk remediation was provided via an automated utility. The PKWARE team also provided S3 Orchestrator, which gave the capability to segregate the scanning and masking task based on task size for any given S3 bucket folder.

Organization Profile

SIze: Large

Industry: Commercial Banking

Results

After standing up PK Protect, the commercial banking organization had access to an automated script to read new feeds from DynamoDB Tables and perform automated masking as required. PK Protect also generated reports after every run, comprised of complete information regarding the number of files submitted for masking and the number of files successfully masked. PK Protect enabled the consumer banking organization to scan and mask sensitive data in their AWS environments in a timely manner.

About PKWARE

PKWARE offers the only data discovery and protection solution that locates and secures sensitive data to minimize organizational risks and costs, regardless of device or environment. Our ultra-efficient, scalable software is simple to use on a broad range of data types and repositories, enabling precise, automated visibility and control of personal data, even in the fastest-moving, most complex IT environments. With more than 1,200 customers, including many of the world's largest financial institutions, retailers, healthcare organizations, and government agencies, PKWARE continues to innovate as an award-winning global leader in data discovery, security, and compliance. To learn more, visit **PKWARE.com**.

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