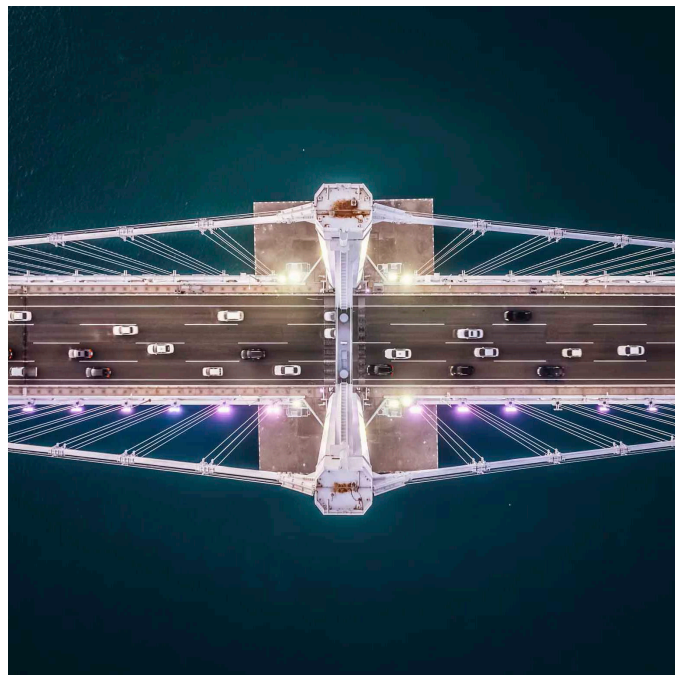


Bridging the mainframe security gaps

Unlock the power of contextual AI for mainframe VSAM data discovery and classification



For over 60 years, mainframes have been the backbone of enterprise IT, handling 68% of the world's production workloads with only 6% of IT spend.¹ This investment disparity highlights that safeguarding the vast, critical data these systems store has been an ongoing challenge—until now.

IBM Guardium Discover and Classify boosts the security and compliance of Virtual Storage Access Method (VSAM) datasets through its advanced contextual AI platform. This integration employs a blend of supervised AI, unsupervised techniques, and precise algorithms to deliver unparalleled visibility and control over the most critical data.

Supporting VSAM datasets and IBM® Db2® on Z—with future support for IMS—this integration transforms the way enterprises secure and leverage their mainframe data assets.

IBM Guardium Discover and Classify delivers:

- AI-driven discovery capabilities to effectively manage sensitive data. Reduce false positives with accuracy, freeing up resources for strategic initiatives.
- Contextual classification for sensitive data by type, regulatory tags, sensitivity labels, and business context.
- Single contextual record to reduce compliance reporting from weeks to minutes.
- Fully extensible system to view VSAM data alongside

distributed and cloud data to accelerate decision-making and standardize processes.

Key features of IBM Guardium Discover and Classify for VSAM:

- Efficiently scans VSAM datasets with or without copybooks, capturing every detail.
- Quickly checks and addresses file protection status to promptly identify and mitigate vulnerabilities.
- Offers comprehensive VSAM support that covers all major VSAM dataset types including KSDS, RRDS, EDDS, and LDS.
- Analyzes data from the perspective of high-level qualifiers (HLQ) or directly from VSAM, tailoring insights to your organizational needs offering comprehensive support.
- Applies targeted granular data filtering to focus on the most pertinent information.
- Assigns criticality scores to specific data sets to prioritize handling of sensitive or crucial data.

With IBM Guardium Discover and Classify expansion into VSAM datasets using contextual AI, enterprises can now ensure that their mainframe data assets are managed with the highest level of precision and protection.

[Find out how to leverage IBM Guardium Discover and Classify for VSAM datasets.](#)

1. OpenText Blogs, "The Mainframe Turns 60: A Milestone in Computing History," March 2024. <https://blogs.opentext.com/the-mainframe-turns-60-a-milestone-in-computing-history/>