

IMS Database Access Auditing on z/OS

Cyber breaches in the Fortune 1000 are more common now than ever, and the average breach discovery in 2016 was a staggering 191 days.* You must have real-time user event data from every corner of your enterprise, including your mainframe, if you are going to minimize sensitive data loss during a breach. Considering that 80 percent of the world's corporate data resides on mainframes, you can see how this is the data hackers want.

CorreLog dbDefender™ for IMS delivers up-to-the-second IMS security alerts to CorreLog zDefender™ Visualizer for z/OS, CorreLog SIEM Correlation Server for Windows/UNIX, or any name-brand Security Information & Event Management (SIEM) product. With dbDefender™, security admins now have up-to-the-second visibility that includes a host of user events centered around attempts to view or access the sensitive data found in your IMS environment.

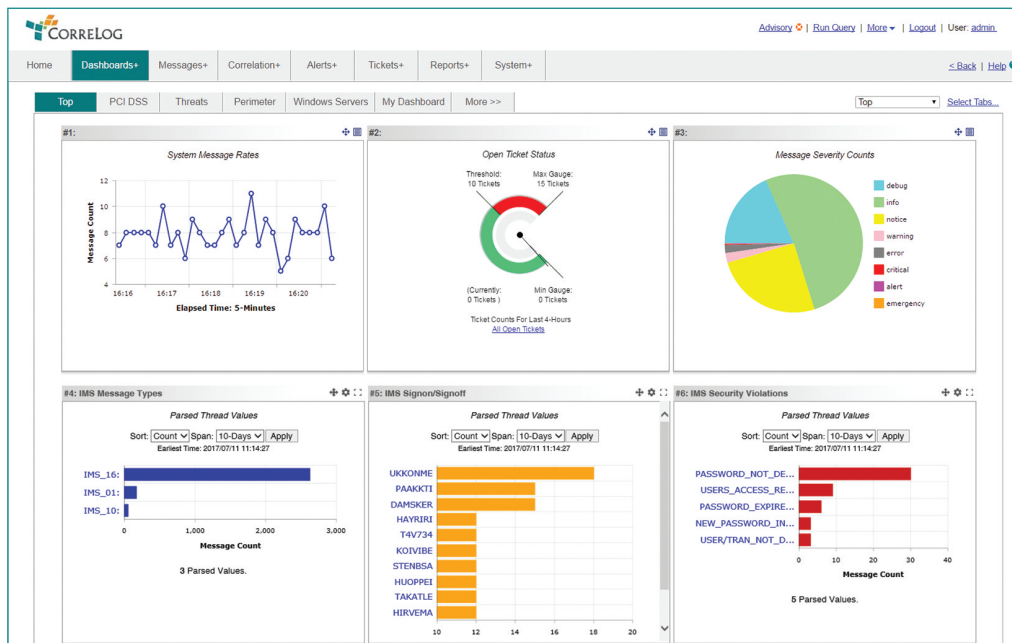
For compliance auditing, dbDefender™ for IMS provides the proper audit trails and standards-based archiving to adhere to PCI DSS, HIPAA, GDPR, GLBA, SOX, IRS Pub. 1075 or other industry standard. The up-to-the-second alerting and compliance auditing provided by dbDefender™ for IMS will bolster your cross-platform cyber defense. Additionally, dbDefender™ provides the following data access auditing capability:

- Privileged user monitoring
- Auditing invalid logical access attempts, as well as on all logons/logoffs
- Auditing of any attempt to add transactional data into message buffers

Your IMS data is valuable and hackers want it. Protect your data with CorreLog dbDefender™ for IMS:

- 25 of the top 25 global banks are on IBM z/OS
- 90% of the top worldwide banks (by assets) are on z/OS
- 23 of the top 25 U.S. retailers are on z/OS
- 21 out of the top 25 insurance organizations are on z/OS
- 9 of the top 10 global life and health insurance providers are on z/OS

Source: : IBM presentation from SHARE.org conference



CorreLog dbDefender™ feeding IMS events to CorreLog zDefender™ Visualizer for z/OS. dbDefender™ is certified for IBM® QRadar®, HP ArcSight, RSA Security Analytics, Solutionary, NetIQ, Micro Focus and McAfee ESM. We also have field integrations with other leading SIEMs including Splunk, LogRhythm, Dell SecureWorks, and many others.

*Ponemon Institute/IBM 2017 Cost of Breach Report

Practical application of dbDefender™ for IMS in the field

Function	Use Case
Collect real-time audit events as they take place from IMS	Know who accessed what data and when. Key for PCI DSS, HIPAA, GDPR, SOX, FISMA, GLBA and other compliance standards
Automated audit trail for IMS access activity	Tracks user and admin IMS activities, including logons, logoffs (including attempts), dataset accesses and attempts to insert data into message buffers.
Intercepts IMS log records on z/OS	IMS logs are ready-formatted before they exit z/OS, no further processing required between z/OS and your SIEM.

High Security Yield, Low Cost of Ownership

Few software vendors offer IMS access auditing solutions for the mainframe, and the lack of competition has driven the cost of these solutions sky-high, until now. CorreLog dbDefender™ is an affordable and highly-functional, real-time data auditing product made for IMS on the mainframe. dbDefender™ is easy to install and consumes minimal system resources. Contact CorreLog today at CorreLog.com/request-demo for a product demonstration.

About CorreLog, Inc.

CorreLog, Inc. is the leading independent software vendor (ISV) for IT security log management and event correlation spanning both distributed and mainframe platforms. CorreLog sells software-only solutions that are quick to deploy and complementary to your existing solutions investments.

Certified for:



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