

BMC AMI Defender for IMS

IMS Database Access Auditing on z/OS

Since cyber breaches are more common now than ever and the average breach discovery is 191 days, mainframe professionals must be even more vigilant.* 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.

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

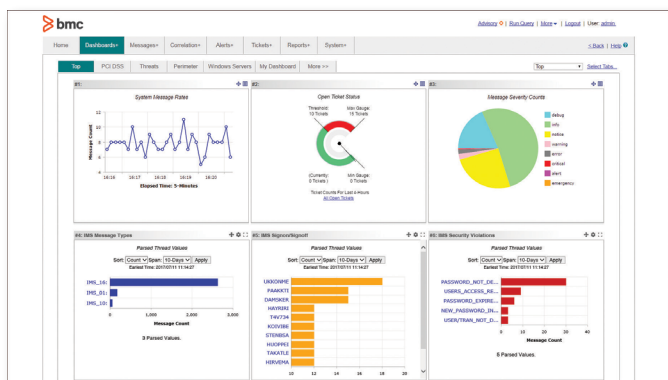
For compliance auditing, BMC AMI Defender for IMS provides the proper audit trails and standards-based archiving to adhere to PCI DSS, HIPAA, GDPR, GLBA, SOX, IRS Pub. 1075 or other industry standards. The up-to-the-second alerting and compliance auditing provided by BMC AMI Defender for IMS will bolster your cross-platform cyber defense. Additionally, BMC AMI Defender 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 BMC AMI DEFENDER FOR IMS:

- 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 2014



← BMC AMI Defender for IMS feeding IMS events to BMC AMI Command Center for Security. BMC AMI Defender for IMS 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 BMC AMI Defender for IMS in the field



FUNCTION

- Collect real-time audit events as they take place from IMS
- Automated audit trail for IMS access activity
- Intercepts IMS log records on z/OS



USE CASE

- Know who accessed what data and when. Key for PCI DSS, HIPAA, GDPR, SOX, FISMA, GLBA and other compliance standards
- Tracks user and admin IMS activities, including logons, logoffs (including attempts), dataset accesses and attempts to insert data into message buffers.
- 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. BMC AMI Defender for IMS is an affordable and highly-functional, real-time data auditing product made for mainframe. BMC AMI Defender for IMS is easy to install and consumes minimal system resources. Contact BMC today at www.bmc.com for a product demonstration.



FOR MORE INFORMATION

For more information on our products, please visit bmc.com/ami-security.



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