

Auditing Big Data for Privacy, Security and Compliance

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In-Depth Seminars – D21

Session Abstract

Trust has become an increasingly important topic of discussion for good reason; this session explains why you don't want to let your Big Data go bad. Our tools are said to be improving. We are meant to measure and manage data with more precision than ever before. We expect better predictions and to make more intelligent decisions. But are we confident yet that machines can safely and consistently trump our gut, that our analytics securely beat intuition? And what have we done about emerging vulnerabilities and threats to our new tools as we leave traditional data paradigms behind? This presentation, based on the upcoming book "Big Data Security," provides an overview of risk areas faced and offers audit solutions for some challenges ahead. Trust increasingly is an important topic of discussion for good reason; don't let your Big Data go bad.

- Deployment components and considerations
- Simplifying heterogeneous distributions
- Protecting multi-user multi-purpose access
- Maps of gaps in CIA

Target Audience

Anyone interested in Big Data security.
 Skill Level = Intermediate/Experienced
 Profile = Auditors, Compliance professionals, IT management

COBIT Objectives or Processes

Lots of 'em

Speaker Bio

Davi Ottenheimer, EMC Senior Director of Trust, has been an ISACA member since 1997. He has more than eighteen years' experience managing global security operations and assessments, including a decade of leading incident response and digital forensics. Davi is co-author of the book "Securing the Virtual Environment: How to Defend the Enterprise Against Attack," published in 2012 by Wiley and author of the upcoming book "Big Data Security," to be published in 2014. An expert in compliance, he has been a QSA/PA-QSA for K3DES, and former Board Member for the Payment Card Industry Security Alliance and the Silicon Valley chapters of ISACA and OWASP. He formerly was responsible for security at Barclays Global Investors (BGI), the world's largest investment fund manager (now BlackRock). Prior to BGI he was a "dedicated paranoid" at Yahoo! and responsible for managing security for hundreds of millions of mobile, broadband and digital home products

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