

The Breach Kill Chain and a Layered Security Model

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Session Abstract

The Breach Kill Chain model presents the different activities that a cyber-attacker must complete in order to successfully steal information. Many people think of a "layers security model" as suggesting that the most secret data is stored behind many layers of firewall. What the Breach Kill Chain teaches us is that an attack can be stopped by disrupting any of the attacker's activities and each activity is detected and prevented in a different way. Using the Breach Kill Chain model enables us to think differently about how to effectively prevent, detect, and stop a data breach using the right layered security approach.

Target Audience

Information Security, IT Audit and Compliance Professionals.

Speaker Bio

Jeff Sanchez is the Lead Managing Director in Protiviti's global Data Security and Privacy practice and has participated in technical consulting and audit projects primarily in the Hospitality/Gaming, Financial Services, and Retail industries. Jeff is also a leading expert in the PCI Data Security Standard. For the last eight years Jeff has concentrated on the design and implementation of security and privacy solutions. Jeff has been selected as an IIA All Stars presenter three times. Jeff is a CIA, CISM, CISA, PA-QSA, CIPP/US and PMP.

Dan Hansen is a Director in Protiviti's IT Consulting Practice with over 14 years of IT process and risk management experience. He has led numerous IT engagements focused on outsourced and co-sourced internal audit support, information security (including PCI DSS services), disaster recovery and business continuity, and SSAE16/SOC readiness assessments.

Dan currently oversees IT Consulting and IT Audit activities in the Salt Lake City market and leads the Security & Privacy practice in the San Francisco Bay Area. Dan is a Certified Information Systems Auditor (CISA), Payment Card Industry Quality Security Assessor (PCI-QSA) and Certified Business Continuity Professional (CBCP).

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