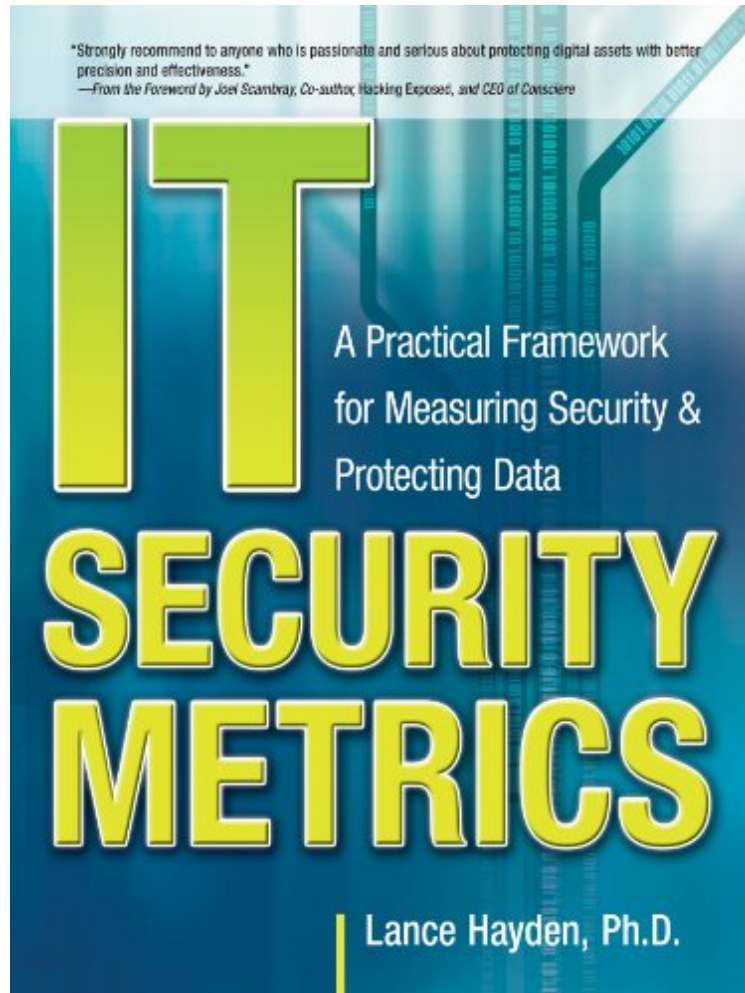


IT Security Metrics: A Practical Framework for Measuring Security Protecting Data

Von Lance Hayden

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Von Lance Hayden : IT Security Metrics: A Practical Framework for Measuring Security Protecting Data before purchasing it in order to gauge whether or not it would be worth my time, and all praised IT Security Metrics: A Practical Framework for Measuring Security Protecting Data:

Kundenrezensionen Hilfreichste Kundenrezensionen 0 von 1 Kunden fanden die folgende Rezension hilfreich. Rahmenwerk für die Messung und Bewertung der Informationssicherheit Von Customer X Hayden stellt in seinem Buch ein Rahmenwerk für die Messung und Bewertung der Informationssicherheit vor. Das Rahmenwerk ' das Security Process Management Framework - besteht aus ausführlich im Buch behandelten Aspekten, u.a.: - Definition und Design von Metriken für Informationssicherheit gem Goal-Question-Paradigma mit zahlreichen Beispielen.- Diskussion und Ableitung einer Metrik-basierten Bewertung der Compliance und Konformität mit den für Informationssicherheit

relevanten Standards und Normen.- Einführung in die statistischen Grundlagen der Datenanalyse.- Design, Aufbau und Betrieb eines Security Measurement Project (SMP) wird mit einem Model zur ständigen Verbesserung der Informationssicherheit, dem sog. Security Improvement Programm, verknüpft. Das Buch bietet einen umfassenden Ansatz zur Messung von Risiken und Bedrohungen in der Informationssicherheit. Gleichzeitig beschreibt es Strategien und Methoden zur Messung der Wirksamkeit von Prozessen und Maßnahmen zur Gewährleistung von Datensicherheit. Der analytisch-methodische Teil ist um eine Diskussion aktueller Standards ergänzt. Dem interessierten Leser empfiehlt sich an dieser Stelle auch der deutschsprachige Titel "Metriken - der Schlüssel zum erfolgreichen Security und Compliance Monitoring: Design, Implementierung und Validierung in der Praxis".

Kurzbeschreibung Implement an Effective Security Metrics Project or Program IT Security Metrics provides a comprehensive approach to measuring risks, threats, operational activities, and the effectiveness of data protection in your organization. The book explains how to choose and design effective measurement strategies and addresses the data requirements of those strategies. The Security Process Management Framework is introduced and analytical strategies for security metrics data are discussed. You'll learn how to take a security metrics program and adapt it to a variety of organizational contexts to achieve continuous security improvement over time. Real-world examples of security measurement projects are included in this definitive guide. Define security metrics as a manageable amount of usable data Design effective security metrics Understand quantitative and qualitative data, data sources, and collection and normalization methods Implement a programmable approach to security using the Security Process Management Framework Analyze security metrics data using quantitative and qualitative methods Design a security measurement project for operational analysis of security metrics Measure security operations, compliance, cost and value, and people, organizations, and culture Manage groups of security measurement projects using the Security Improvement Program Apply organizational learning methods to security metrics

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ber den Autor und weitere Mitwirkende Lance Hayden, Ph.D., CISSP, CISM, is a Solutions Architect and Information Scientist with Cisco System's World Wide Security Practice where he helps Cisco's customers make informed decisions about their security operations. In addition to his private sector experience, he teaches at the University of Texas and is a former HUMINT officer with the Central Intelligence Agency.