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Nota di contenuto	INFORMATION TECHNOLOGY RISK MANAGEMENT IN ENTERPRISE ENVIRONMENTS; CONTENTS; PREFACE; ABOUT THE AUTHORS; PART I INDUSTRY PRACTICES IN RISK MANAGEMENT; 1. INFORMATION SECURITY RISK MANAGEMENT IMPERATIVES AND OPPORTUNITIES; 1.1 Risk Management Purpose and Scope; 1.1.1 Purpose of Risk Management; 1.1.2 Text Scope; References; Appendix 1A: Bibliography of Related Literature; 2. INFORMATION SECURITY RISK MANAGEMENT DEFINED; 2.1 Key Risk Management Definitions; 2.1.1 Survey of Industry Definitions; 2.1.2 Adopted Definitions; 2.2 A Mathematical Formulation of Risk 2.2.1 What Is Risk? A Formal Definition 2.2.2 Risk in IT Environments;

2.2.3 Risk Management Procedures; 2.3 Typical Threats/Risk Events;
2.4 What is an Enterprise Architecture?; References; Appendix 2A: The
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Techniques-Specification for an Information Security Management
System; 3.3.3 ISO/IEC 27002:2005, Information Technology-Security
Techniques-Code of Practice for Information Security Management;
3.3.4 ISO/IEC 27003 Information Technology-Security Techniques-
Information Security Management System Implementation Guidance
3.3.5 ISO/IEC 27004 Information Technology-Security Techniques-
Information Security Management-Measurement3.3.6 ISO/IEC 27005:
2008 Information Technology-Security Techniques-Information
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Austrian IT Security Handbook; 4.2.2 CCTA Risk Assessment and
Management Methodology (CRAMM); 4.2.3 Dutch A&K Analysis; 4.2.4
EBIOS; 4.2.5 ETSI Threat Vulnerability and Risk Analysis (TVRA) Method;
4.2.6 FAIR (Factor Analysis of Information Risk); 4.2.7 FIRM
(Fundamental Information Risk Management); 4.2.8 FMEA (Failure
Modes and Effects Analysis); 4.2.9 FRAP (Facilitated Risk Assessment
Process); 4.2.10 ISAMM (Information Security Assessment and
Monitoring Method); 4.2.11 ISO/IEC Baselines; 4.2.12 ISO 31000
Methodology
4.2.13 IT-Grundschutz (IT Baseline Protection Manual)

Sommario/riassunto

Discusses all types of corporate risks and practical means of defending against them. Security is currently identified as a critical area of Information Technology management by a majority of government, commercial, and industrial organizations. Offers an effective risk management program, which is the most critical function of an information security program.
