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Nota di contenuto	Cover; Title page; Copyright page; Dedication; Contents; Author Bio; Technical Editor Bio; Preface; Acknowledgments; Chapter 1 - Introduction; This chapter will help readers understand; Background; HCISPP Certification Requirements; Exam Registration; Code of Ethics; Preamble; Code of Ethics Cannons; Chapter 2 - Healthcare Industry; This chapter will help candidates:; Healthcare systems; Healthcare organizations; Healthcare provider; Organized physician services; The National Provider Identifier (NPI); Pharmaceutical industry; Payers; Electronic data interchange (EDI) Value-added networks (VANs)Health insurance exchanges; Business associates; Health information technology (HIT); Medical devices; Meaningful use regulations; Electronic health record; Personal health record; Health insurance; Private Health Insurance; Public Health Insurance; Health Insurance Programs; Payment models; Healthcare coding; Medical Coding Systems; Systematized Nomenclature of Medicine (SNOMED) - Clinical Terms (CT); Medical billing; HIPAA transaction and code sets; National Uniform Billing Committee (NUBC); Healthcare clearinghouse; Workflow management; Regulatory environment Public health reportingClinical research; Authorization and informed consent; Institutional review boards; Healthcare records management; Data sharing; Understanding external third-party relationships;

Information flow and life cycle in the healthcare environments; Health data characterization; Healthcare Provider Taxonomy Codes; Data analytics; Data interoperability and exchange; Integrating the Healthcare Enterprise; Health Level Seven International; Digital Imaging and Communications in Medicine (DICOM); Legal medical records; Definitions; Practice Exam Answers; References
Chapter 3 - Regulatory EnvironmentThis chapter will help candidates:; Legal issues that pertain to information security and privacy for healthcare organizations; Health Insurance Portability and Accountability Act of 1996 (HIPAA); Select elements and definitions; The american recovery and reinvestment act (ARRA) of 2009; International standards; A culture of privacy and security; Organizational-level privacy and security requirements; Data breach regulations; Penalties and fees; 45 CFR 164.514: HIPAA Privacy Rule (the de-identification standard and its two implementation specifications)
Information flow mappingMonitoring PHI information flows; Jurisdictional implications; Data Use and Reciprocal Support Agreement (DURSA); Data subjects; Data ownership; Legislative and regulatory updates; Treaties; International Safe Harbor Principles; Industry-specific laws; Policies, procedures, standards, and guidelines; Policies; Procedures; Standards; Guidelines; A Practical Example; Common security and privacy compliance frameworks; ISO; National Institute of Standards and Technology (NIST); NIST Interagency Reports (IRs); Common Criteria; Common criteria-certified product categories
The Information Governance (IG) Toolkit

Sommario/riassunto

The HCISSP certification is a globally-recognized, vendor-neutral exam for healthcare information security and privacy professionals, created and administered by ISC2. The new HCISSP certification, focused on health care information security and privacy, is similar to the CISSP, but has only six domains and is narrowly targeted to the special demands of health care information security. Tim Virtue and Justin Rainey have created the HCISSP Study Guide to walk you through all the material covered in the exam's Common Body of Knowledge. The six domains are covered completely and as concisely a

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Autore	Stumpf Martin
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Intro -- Contents -- About the author -- Foreword -- Preface -- Acknowledgments -- List of acronyms -- List of symbols -- 1. Introduction -- 1.1 Synopsis -- 1.2 Prerequisites -- References -- 2. Cagniard-DeHoop technique -- 2.1 A concise survey of joint transform methods -- 2.2 EM radiation in a layered medium -- 2.3 Concluding remarks -- References -- 3. Thin-sheet high-contrast saltus-type conditions -- 3.1 Problem formulation -- 3.2 Transition conditions for a thin high-contrast layer with dielectric and conductive properties -- 3.3 Transition conditions for a thin high-contrast layer with combined magnetic and dielectric properties -- References -- 4. Pulsed EM-field response of an infinite metasurface -- 4.1 Pulsed EM plane-wave induced response of a metasurface -- 4.2 Pulsed EM line-source induced response of a metasurface -- 4.3 Dipole-excited pulsed EM signal transfers via a metasurface -- 4.4 Concluding remarks -- References -- 5. Pulsed EM-field surface phenomena on thin sheets -- 5.1 Pulsed EM line-source excited surface effects -- 5.2 Pulsed EM loop-excited surface effects above a layer with dielectric and conductive properties -- 5.3 Illustrative examples -- References -- 6. Pulsed EM-field diffraction by semi-infinite sheets -- 6.1 Pulsed EM diffraction by a semi-infinite PEC sheet -- 6.2 Pulsed EM diffraction by a semi-infinite sheet with conductive and dielectric properties -- 6.3

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Sommario/riassunto

The book provides original analytical and computational methodologies for solving the EM interaction with modern metasurface structures. New sophisticated modeling methods and closed-form solutions are explored, thereby providing enablers for future developments of thin-layer-based technologies.