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Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXI, 266 p. 131 illus.)
Disciplina	005.8
Soggetti	Computer security - Examinations Computer networks - Security measures - Examinations Computer technicians - Certification
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1: General Security Concepts and Trends -- Chapter 2: Network Fundamentals Infrastructure Security -- Chapter 3: Wireless and Intrusion Detection System Network Security -- Chapter 4: Role of People in Security—Operational and Organizational Security -- Chapter 5: Risk Management -- Chapter 6: Change Management and Disaster Recovery -- Chapter 7: Physical Security -- Chapter 8: Forensics, Legal Issues, and Privacy -- Chapter 9: Attacks -- Chapter 10: Network Attacks -- Chapter 11: Baseline and Secure Software Development -- Chapter 12: Email, Instant Messaging, and Web Components -- Chapter 13: Authentication and Remote Access -- Chapter 14: Access Control and Privilege Management -- Chapter 15: Cryptography -- Chapter 16: Public Key Infrastructure -- Glossary.-.
Sommario/riassunto	Prepare for the CompTIA Security+ certification exam that covers the skills required to perform core security functions and pursue a career in IT. You will learn the basic principles of network security. Computer network vulnerabilities and threats are covered and you will learn how to safeguard computer networks. Network security planning, technology, and organization are discussed along with associated legal and ethical issues. Lesson objectives and instruction succinctly review each major topic, including: network fundamentals, operational and

organizational security, risk management, wireless security, change management, physical security, forensics, network attacks, and much more. You will: Identify the concepts of confidentiality, integrity, and availability Implement secure network administration principles Apply appropriate risk mitigation strategies Explain the impact of physical security on computer and network security Use assessment tools to discover security threats and vulnerabilities Implement appropriate security controls when performing account management This book is for security professionals looking to get this credential, including systems administrators, network administrators, security administrators, junior IT auditors and penetration testers, security specialists, security consultants, security engineers, and more.
