

Cyber Security update: An online reading list from the IET Library



These eBooks and eJournals, available via the [IET Virtual Library](#), are an update to our previous reading list on cyber security covering cloud services, networks and threats.

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Ebooks (provided by EBSCO and Knovel)



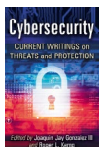
Software Networks : Virtualization, SDN, 5G, and Security, Guy Pujolle. (2020). Software Networks describes new concepts for the Internet's next generation. This architecture is based on virtual networking using Cloud and datacenter facilities.



Cybersecurity - The Beginner's Guide, Erdal Ozkaya. (2019). Starting with the essential understanding of cyber security and its needs, this book looks at security domain changes and how artificial intelligence and machine learning are helping to secure systems.



Inside the Dark Web, Erdal Ozkaya and Rafiqul Islam. (2019). Inside the Dark Web provides a broad overview of emerging digital threats and computer crimes, with an emphasis on cyberstalking, hacktivism, fraud and identity theft, and attacks on critical infrastructure.



Cybersecurity : Current Writings on Threats and Protection, Joaquin Jay Gonzalez and Roger L. Kemp. (2019). This handbook of cybersecurity best practices is for public officials and citizens, employers and employees, corporations and consumers.



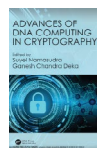
EU Data Protection Code of Conduct for Cloud Service Providers - A Guide to Compliance, Alan Calder. (2021). Introduces the concepts of the EU Data Protection Code of Conduct for Cloud Service Providers and explains the advantages of implementing the Code.



Computer and Cyber Security : Principles, Algorithm, Applications, and Perspectives, Brij B. Gupta. (2019). This book covers applied and practical elements, theory, and the reasons for the design of applications and security techniques. It covers both the management and the engineering issues of computer security.



Securing Cloud Services - A Pragmatic Guide (2nd Edition), Lee Newcombe. (2020). This book gives an overview of security architecture processes and explains how they may be used to derive an appropriate set of security controls to manage the risks associated with working in the Cloud.



Advances of DNA Computing in Cryptography, Suyel Namasudra and Ganesh Chandra Deka. (2019). This book discusses the basic concepts of cryptography, steganography, basic concepts of DNA and DNA computing, and security attacks.



RIoT Control : Understanding and Managing Risks and the Internet of Things, Tyson Macaulay. (2017). Riot Control explores dozens of IoT-specific risk management requirements, examines IoT-specific threats, and finally provides risk management recommendations which are intended as applicable to a wide range of use-cases.



Intelligent and Connected Vehicle Security, Jiajia Liu and Abderrahim Benslimane. (2021). This book comprehensively and systematically introduces security threats to ICVs coming from automotive technology development, on-board sensors, vehicle networking, automobile communications and intelligent transportation.

Ejournals (provided by EBSCO)

Information & security: an international journal. (Covers scientific, technological, organizational, and policy issues related to national, international, and societal security in the Information age, C4ISR technologies and systems, information operations, and cyber security).

Journal of Computer Security. (Presents research and development results of lasting significance in the theory, design, implementation, analysis, and application of secure computer systems).

Computers & security. (Covers research, innovation, and practical management advice).

Security and Communication Networks. (Covers research on security and cryptographic mechanisms applied to all types of information and communication networks, including wired, wireless and optical transmission platforms).

International Journal of Information Security (IJIS). (Provides technical work in information security, whether theoretical, applicable, or related to implementation).

Information Security Journal: A Global Perspective. (Covers issues of information security worldwide).

EURASIP journal on information security. (Provides coverage of the field of information security, with a particular emphasis on the use of signal processing tools to enable the security of digital contents).

Security. (Covers a range of security and safety products, including computer and cyber security, in business, industry and government settings).

ACM Transactions on Privacy and Security. (Covers data integrity, security issues and testing).

Further resources from the IET

- [IET Information Security \(Open Access Journal\)](#)
- [Communities and Networks](#)
- [Factfiles](#)
- [IET Academy](#)
- [IET Digital Library](#)
- [Technical Webinars](#)

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