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The Institution of Engineering and Technology

IET Library Reading List: Information Security

These ebooks and ejournals, available via the IET Virtual Library, focus on the topic of information security, covering networks, protection and threats.

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Ebooks (provided by EBSCO and Knovel)

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

Inside the Dark Web, Erdal Ozkaya and Rafiqul Islam. (2019). 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.

Computer and Cyber Security : Principles, Algorithm, Applications, and Perspectives, Brij B. Gupta. (2019). 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.

RIoT Control : Understanding and Managing Risks and the Internet of Things, Tyson Macaulay. (2017). 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.

Cybersecurity for SCADA Systems, William T. Shaw. (2006). Suitable for non-technical management and IT personnel, this book provides a high-level overview of SCADA technology, with an explanation of each market segment. Readers will understand the vital issues and learn strategies for decreasing or eliminating system vulnerabilities.

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. *(Provides technical work in information security, whether theoretical, applicable, or related to implementation).*

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 Digital Library
– Technical Webinars

Help and contacts

If you need any assistance on using library collections and resources you can contact us via email at: libdesk@theiet.org. You can also discover more resources and support provided by the IET Library and Archives at our homepage.

IET members can access the Virtual Library via the single sign-on (SSO) service. If you are experiencing difficulties logging in via the SSO please contact the membership services team at membership@theiet.org.

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