Smart and Agile Cybersecurity for IoT and IIoT Environments

Part of the Advances in Information Security, Privacy, and Ethics Book Series
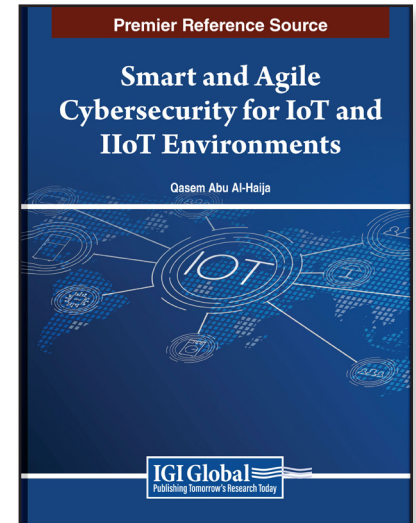
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Description:

The world we live in today is highly interconnected and has seen a significant rise in the use of the Internet of Things (IoT) and Industrial Internet of Things (IIoT). This digital transformation, while beneficial, has also created new cybersecurity challenges. Cyber threats are becoming more sophisticated and frequent, and individuals and organizations alike must adopt intelligent and agile cybersecurity solutions to safeguard their digital assets.

Smart and Agile Cybersecurity for IoT and IIoT Environments addresses this pressing challenge by providing a comprehensive guide to securing IoT and IIoT environments. The book offers insights into the latest cybersecurity strategies and technologies, from intelligent threat detection to agile security approaches. By delving into data privacy, network security, and incident response, readers can gain the knowledge and skills to fortify their cybersecurity posture and mitigate risks effectively.

Tailored for cybersecurity professionals, IT practitioners, and business leaders, **Smart and Agile Cybersecurity for IoT and IIoT Environments** equips readers with actionable insights and best practices to navigate the complexities of securing connected devices. Whether you're looking to enhance your cybersecurity knowledge or seeking practical implementation guides, this book is a valuable resource for anyone looking to secure their digital future in the evolving technological landscape.

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Hardcover: **$295.00** **E-Book:** **$295.00** **Hardcover + E-Book: $355.00**

Topics Covered:

- Agile Security Strategies
- Case Studies and Real-World Examples
- Collaboration and Information Sharing
- Cryptographic Solutions
- Cybersecurity Landscape
- Data Privacy and Compliance
- Device Authentication and Access Control
- Emerging Technologies in Cybersecurity
- Future Trends and Predictions
- Human Factors in Cybersecurity
- Incident Response and Recovery
- Intelligent Threat Detection
- Introduction to IoT and IIoT
- Network Security for Connected Devices
- Practical Implementation Guides
- Supply Chain Security

Subject: Security & Forensics

Classification: Edited Reference

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners