

CALL FOR BOOK CHAPTER(S)

Handbook of Security and Privacy Trends in Cloud Computing and Big Data



Dear Colleagues

It is our pleasure to invite you to submit a chapter for inclusion in the Handbook of Security and Privacy Trends in Cloud Computing and Big Data to be published by CRC Press, Taylor & Francis Group. The submitted proposal should have 1/2 page and include sufficient details to be useful for Security and Privacy Trends in Cloud Computing and Big Data Educators, Industrialists, and Readers having security and privacy ranging from basic to recent advance.

Scope of the book

Cloud Computing and Big Data are two emerging paradigms in the recent developments of information technology. Big data paradigm is applied to complex data and to the dataset whose size is beyond the competency of traditional computing services. The innovation of the big data arises vulnerabilities, new risks, and threats due to a substantial volume of data and also different types of data. Cloud computing provides IT services in a pay-as-per-use fashion with great other benefits. Although there are many benefits of cloud computing and big data, there are many significant roadblocks to adoption. In today's era of cloud computing and big data, the most important and significant barriers to adoption are security and privacy, followed by other issues like vendor lock-in, portability, and scalability.

It is essential for an organization to know before involving in cloud computing and big data, which are the key security requirements, aspects to ensure high security to applications, and data processing. Big Data and Cloud Computing are integrated together in practice. Cloud computing offers massive storage, high computation power, and distributed capability for the support of the processing of big data. Therefore, organizations are still demanding to investigate the security and privacy of both cloud computing and big data.

Topics of Interest

- Chapter 1:** Security, integrity, and privacy of cloud computing, and big data
- Chapter 2:** Big data security and privacy in cloud computing
- Chapter 3:** Secure data storage in cloud computing and big data
- Chapter 4:** Data mining security for big data
- Chapter 5:** Cloud infrastructure security
- Chapter 6:** Threat detection using big data analytics
- Chapter 7:** Access control in cloud computing and big data
- Chapter 8:** Secure cloud computing architectures and services
- Chapter 9:** Reactive and adaptive security
- Chapter 10:** Cloud and big data security auditing

Important dates

- Abstract: **31-08-2020**
- Preliminary acceptance/rejection: **15-09-2020**
- Full chapter submission: **15-11-2020**
- First Review notification: **20-11-2020**
- Revised paper submission: **20-12-2020**
- Acceptance / rejection notification: **01-01-2021**
- Camera Ready submission: **01-02-2021**

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