



2027 IEEE 12th International Conference on
Cloud Computing and Big Data Analytics

23-25 April 2027 | Chengdu, China

Track 2

Cloud & Big Data Security & Privacy

This track addresses critical security and privacy challenges arising from cloud computing and large-scale big-data applications. It provides a dedicated forum for researchers and industry experts to report novel research findings, practical solutions, and real-world case studies in cloud and big-data security domains. Relevant topics include data encryption, access control, privacy-preserving computation, secure multi-party computation, data leakage detection, threat detection and defense, identity authentication, audit mechanisms, AI-enhanced security, privacy risk assessment, and regulatory compliance for cloud-hosted big-data systems. Participants will explore emerging attack vectors, defence strategies, and trade-offs between data utility and privacy protection. This track intends to promote knowledge sharing, inspire technical innovations, and facilitate cross-border cooperation to build more secure and privacy-aware cloud and big-data ecosystems.

Track Chair



Yanru Chen
Sichuan University, China

Publication

Submitted papers will be peer reviewed by conference committees, and accepted papers will be included in ICCCBDA 2027 Conference Proceedings.

Submission Link and Templates

Submission Link: <https://easychair.org/conferences/?-conf=icccbda2027> ((Please select Track 1))

Submission Templates:

<https://icccbda.com/instruct8.5x11x2.doc> (Word Version)

<https://icccbda.com/ieee-latex-conference-template.zip>
(LaTeX Version)

Topics

- ◆ Cloud Security Challenges
- ◆ Big Data Privacy Protection
- ◆ IoT Cloud Security
- ◆ Data Governance Compliance
- ◆ Privacy-Preserving Analytics
- ◆ Blockchain IoT Data
- ◆ Collaborative Threat Detection
- ◆ Cloud Data Encryption
- ◆ Big Data Security Audit
- ◆ Secure Cloud Access

Important Dates

Submission deadline: December 5, 2026
Notification Date: January 5, 2027
Registration Deadline: January 20, 2027

Contact

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