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More information

Additional information and public deliverables of SafeCloud can be found at http://www.safecloud-project.eu

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Executive Summary

This deliverable includes the proceedings of the second SafeCloud Workshop, organized jointly by the SafeCloud and SecureCloud (https://www.securecloudproject.eu) European projects. The workshop, titled Workshop on Privacy by Design in Distributed Systems (W-P2DS), was held in conjunction with the European Conference on Computer Systems (EuroSys) in Porto, Portugal, April 23-26, 2018. The goal of the workshop was to gather researchers and practitioners from the cryptography, distributed systems, and security systems communities to discuss the current state of the art, emerging challenges and trends, as well as novel solutions, implementations and deployment of privacy-preserving systems and applications. The focus was on concrete applications that bring privacy-preserving systems mechanisms into cloud computing infrastructures. EuroSys is a premier international forum for presenting computer systems research, broadly construed, and the workshop itself was attended by around 40 people from academia and industry worldwide. More details about W-P2DS and EuroSys can be found at http://www.gsd.inesc-id.pt/~p2ds/ and http://eurosys2018.org, respectively. Detailed information about the articles accepted for publication and presentation at the workshop are available from the ACM website at https://dl.acm.org/citation.cfm?id=3195258.

Proceedings of the

Workshop on
Privacy by Design in Distributed Systems

P2DS'18

co-located with
European Conference on Computer Systems
EuroSys 2018
April 23rd, 2018
Porto, Portugal

Workshop Editors and Chairs

Francisco Maia (INESC TEC)

Hugues Mercier (Université de Neuchâtel)

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P2DS'18
Workshop on Privacy by Design in Distributed Systems

Abstract:

Cloud Computing has fostered a significant shift in the way applications and services are deployed and managed but serious privacy and confidentiality issues arise in such context. Massive scale surveillance has become a reality and individual's privacy almost a luxury. Although a multitude of encryption and privacy-preserving mechanisms exist, there is still a significant gap between the theoretical body of knowledge and its applications in real-world systems. The goal of the workshop is to gather researchers and practitioners from the cryptography, distributed systems, and security systems communities to discuss the current state of the art, emerging challenges and trends, as well as novel solutions, implementation and deployment of privacy-preserving systems and applications. The program was thought to foster fruitful discussions and pave the way for new collaborations and contributions in the area.

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Hugues Mercier, Université de Neuchâtel (Switzerland)

Program committee chair:

Andrey Brito, University of Campina Grande (Brazil)

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