Zero-trust cloud week

DATA PROTECTION IN THE CLOUD

May 31st - June 2nd 2021

Today, it's often more cost-effective to host services in the cloud instead of in its own premises. But how protected is our sensitive data in the cloud? We readily encrypt data in storage and protect it while in transit. But what about when data is "in use"? It is a legitimate concern in increasingly cloud-dominated infrastructures.

Moreover, how to make sense of the different laws governing the sensitive data?

During this week we will explore how privacy-enhancing computation technologies complement a zero-trust strategy by addressing the vulnerability of data in use in the cloud. We will also discuss the legal framework which is required to balance economical interests of companies with the individual's data privacy concerns.

Format	↦ Individual talks & moderated panel discussions
Audience	↦ General public; no fees
Agenda	↦ Mon & Tue 10h30 - 12h00 CEST Wed 10h30 - 12h30 CEST
Location	↦ Online, please register here

Monday 31/05
Legal/Regulatory framework

- GDPR compliance, data privacy laws, collapse of Privacy Shield (Schrems II).
- How to make sense of the different laws governing the sensitive data?
- Beyond GDPR

Participants:

- **Michel Jaccard**, Founder and partner, id est avocats
- **Cornelia Kutterer**, Senior Director, Rule of Law & Responsible Tech, European Government Affairs, Microsoft
- **Christoph Nabholz**, Chief Research Officer & Managing Director, Swiss Re Institute
- **Fedor Poskriakov**, Partner, Lenz Staehelin & General Secretary, CMTA

Moderator:

Yaniv Benhamou, Professor, Digital Law Center, UNIGE

Tuesday 01/06
Business needs & actual strategies of zero-trust

- What are the different business needs? Local / Sovereign Cloud?
- What do companies understand by zero-trust cloud strategy?
- How do companies implement zero-trust?

Participants:

- **Antoine Coetsier**, Co-founder & COO, Exoscale
- **Manolis Dermitzakis**, Professor, Institute of Genetics and Genomics, UNIGE & Director, Health 2030 Genome Center
- **Giulio Faini**, Director, Cloud Security Practice, Kudelski Security & Chapter Lead, Cloud Security Alliance
- **Christophe Verbaere**, COO, Notz Stucki Group (wealth and asset management) & member of Regdata's Advisory Board

Moderator:

Laurent Balmelli, Co-founder, Head of Product and Market, Strong Network Inc.

Wednesday 02/06
How to protect the computation & high-level use cases

- Securely execute a computation - what does it mean? Approaches based on trusted hardware and cryptographic schemes, hybrid approaches
- What is a fair/acceptable usage of confidential data?

Participants:

- **Srdjan Capkun**, Professor, System Security Group, ETHZ (to be confirmed)
- **Manuel Costa**, Partner Research Manager, Microsoft
- **Cedric Fournet**, Senior Principal Research Manager, Microsoft
- **Shweta Shinde**, Assistant Professor, Secure & Trustworthy Systems group, ETHZ
- **Juan Troncoso-Pastoriza**, Senior Researcher at EPFL, CEO at Tune Insight

Moderator:

Jean-Pierre Hubaux, Professor, Laboratory for Data Security, EPFL

C4DT Center for Digital Trust

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