

Pseudonymisation and relevant security technologies

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Key questions surrounding pseudonymisation

What is pseudonymisation?

- Anonymous vs. pseudonymous data
- Interpretation of Art. 4 no. 5 GDPR
- Pseudonymisation equals encryption?

Benefits of pseudonymisation?

- Identification of the data subject
- Compatibility test, Art. 6.4 GDPR
- Privacy by design/by default
- Data breach, Art. 33/34 GDPR

Requirements of pseudonymisation?

- Transformation processes (techniques)
- Technical and organisational measures
- Access controls
- Transparency and the rights of the data subject



Data Protection Focus Group @ Germany's Digital Summit: Operationalising of pseudonymisation

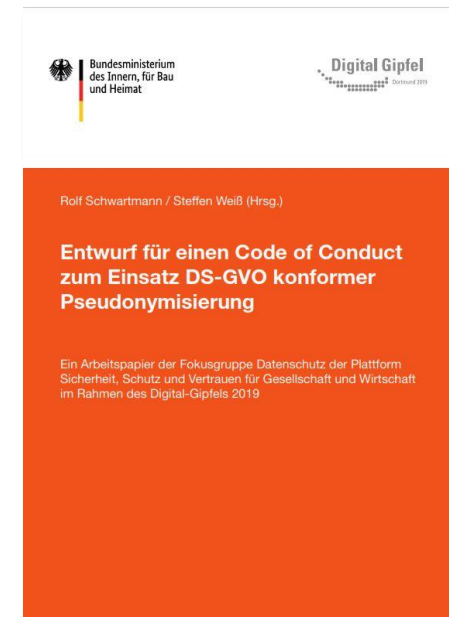
Describing and problem raising (2017)



Requirements (2018)

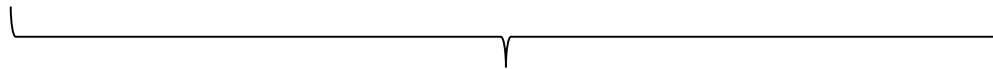


Draft CoC (2019)



Operationalising of pseudonymisation - challenges

- Fitting pseudonymisation into the **lawfulness of processing**
- **Informing** the data subject prior to a further processing by third parties with pseudonymous data (feasibility)
- Application of **data subject rights** on pseudonymous data
- **Re-identification** of a data subject (consent vs. legitimate interest)
- Specifying an **appropriate pseudonymisation techniques** depending on the risk for the data subject

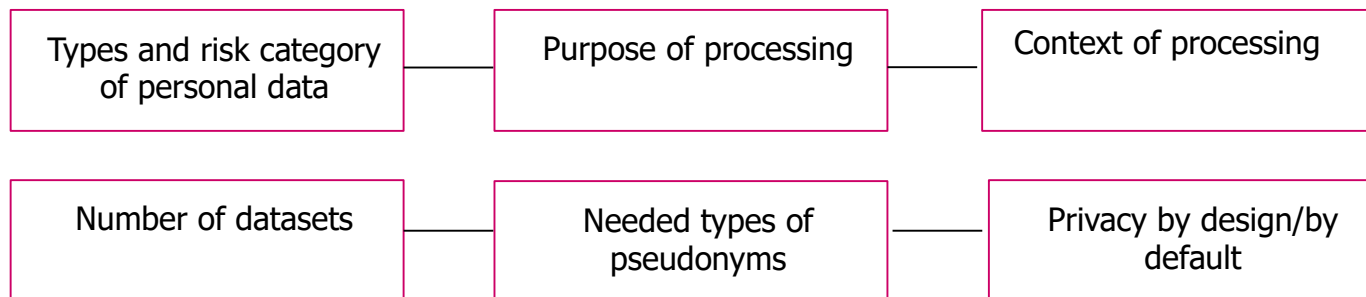


How to solve this?



Draft CoC for GDPR compliant pseudonymisation

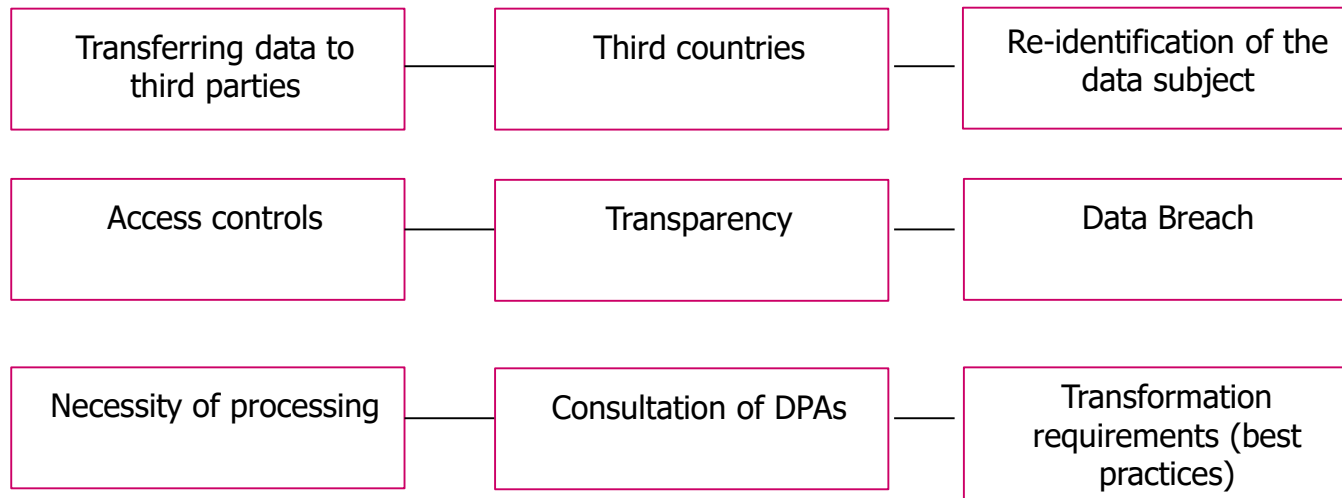
- **Tldr:** It is impossible to require a specific pseudonymisation technique in a universal CoC
- **Main CoC approach:** Stipulating requirements for Controllers/Processors in order to **enhance transparency in the decision-making**
- **Assigning responsibilities:** The Responsible for Pseudonymisation
- **Documentation obligations (accountability):**
- Criteria for pseudonymisation:





Draft CoC for GDPR compliant pseudonymisation

- Mandatory checkpoints for pseudonymisation



Url repository

Draft CoC for GDPR compliant pseudonymisation (2019)

<https://t1p.de/28a8> (EN) - *will be online 29/11/2019*

<https://t1p.de/9k47> (DE)



Requirements for GDPR compliant pseudonymisation (2018)

<https://t1p.de/ocv1> (EN)

<https://t1p.de/kr0n> (DE)



Whitepaper on pseudonymisation (2017)

<https://t1p.de/phg0> (EN)

<https://t1p.de/cz29> (DE)

