



# **Support for data anonymization in IPFIX**

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# [ Background and history ]

- Support for anonymization is one of the requirements for IPFIX
  - RFC3917
  - Not addressed because „still area of research“
- Increasing need for it
  - Also because of Data Protection Laws
- Should be addressed by the IPFIX WG

# [ Current (and different) solutions ]

- MEDIATOR:

- *"**anonymizationIndicator**" indicates which Information Elements have been anonymized as a bitmap*

- FILE:

- Template Anonymization Options Template
- Scoped to TemplateId, IEId, PEN
- ***informationElementAnonymized***: boolean.

- *The anonymization method is out of scope for both documents.*

# [ Anonymization support draft ]

- ...in the context of IP flow mediation
- Experimental
- Much like „PSAMP techniques“
- Using option templates scoped to  
TemplateId to report information on the  
anonymized fields

# [ Proposed next steps ]

- Individual draft will be available right after this meeting
- Gain implementation experience
- Consider accepting it as WG item in the context of the mediator cluster