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
- Should be addressed by the IPFIX WG
  - In the context of the mediators work
  - Needed by file

Anonymization support draft

- “IP Flow Anonymisation Support”
  - draft-boschi-ipfix-anon-01
- Experimental
- Much like PSAMP techniques
- Using option templates scoped to TemplateId to report information on the anonymized fields

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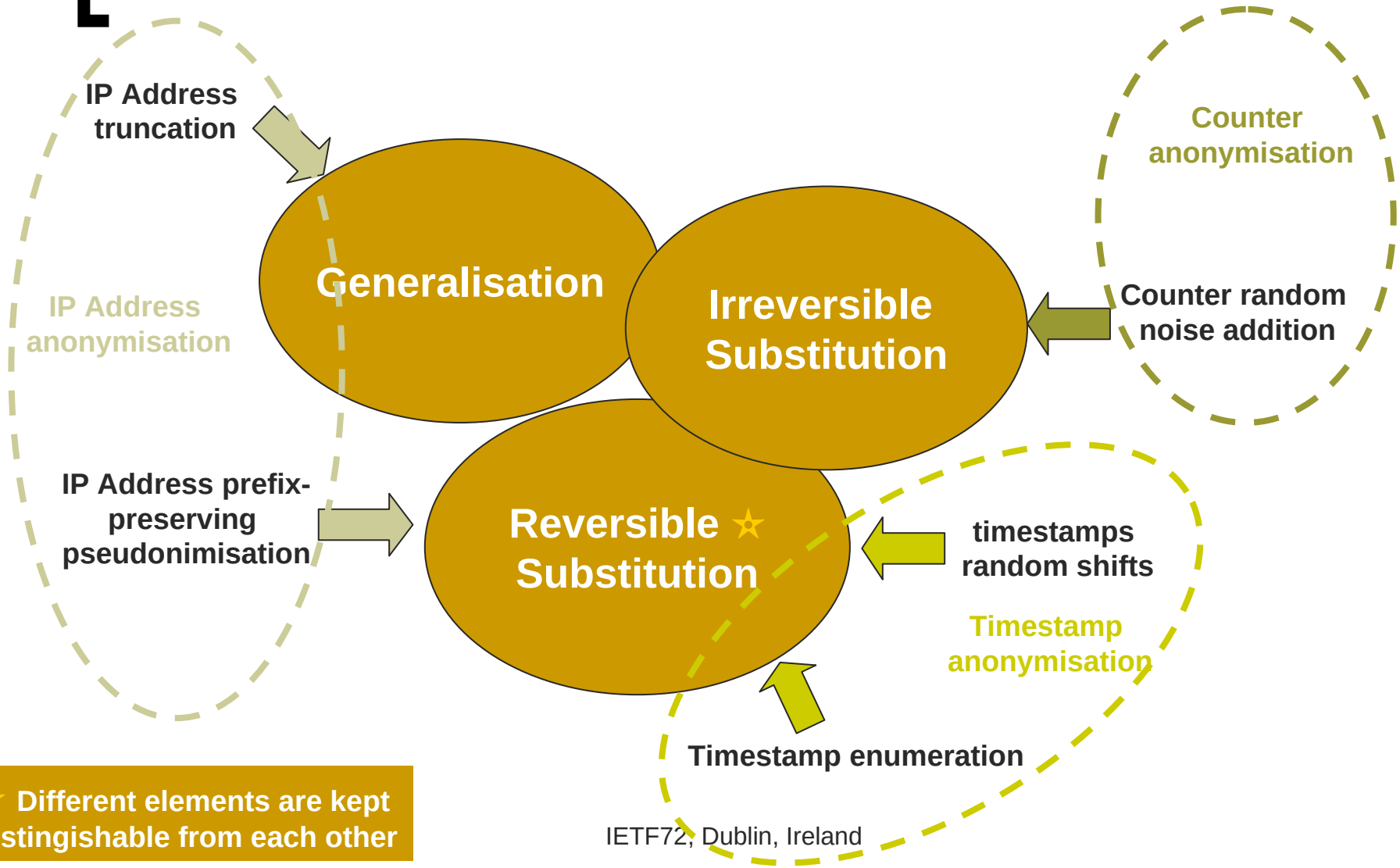
Categorisation of Anonymisation Techniques



☆ Different elements are kept distingishable from each other

Next steps

- Incorporate comments and continue writing the document
  - IPFIX message versus flow data anonymisation
  - Anonymised data export technique
- Gain implementation experience
- Consider accepting it as WG item in the context of the mediator cluster