

# Reducing redundancy in IPFIX and PSAMP reports

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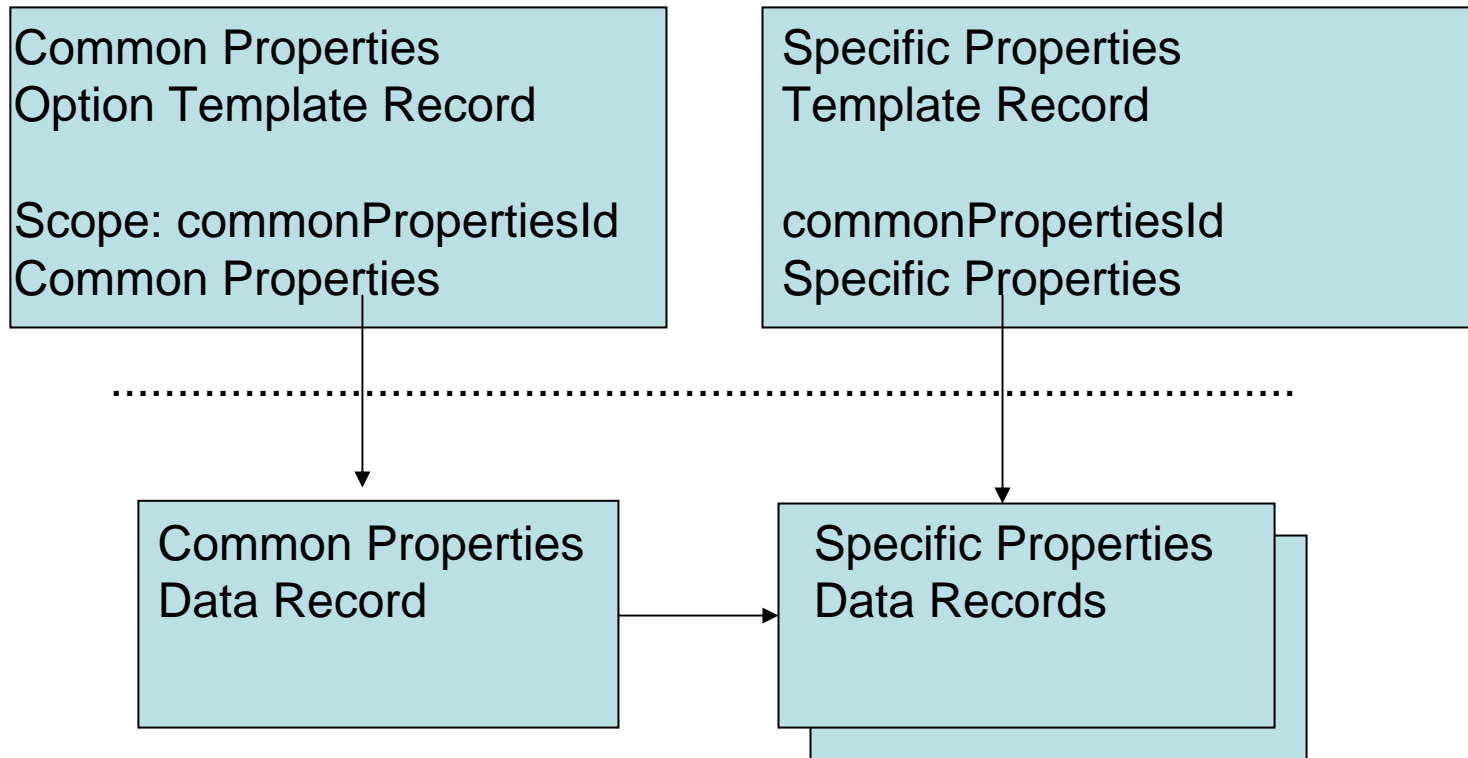
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# Motivation

- Technique for bandwidth-saving information export
  - Separates the export of flow records such that attributes common to several flow records are sent only once
  - Links common properties to specific properties with a `commonPropertiesId`
    - now in IPFIX-INFO
- Unique/multiple data reduction
- Per-packet data reduction
  - (e.g. One Way Delay, Trajectory sampling...)

# Data Reduction (dependencies)



# Changes from -01

- Terminology update
  - In line with both IPFIX and PSAMP
- IPFIX and PSAMP documents overview
- New structure
- Applicability and evaluation considerations
  - Pros and cons

# New structure

- High level solution and applicability
- Transport protocol choice
- CommonPropertiesId management
- The collecting process side
- Export and evaluation considerations
  - Pros and cons
  - Recommendation on where to use this method and where not to
- Examples moved to the appendix

# Conclusions

- Working Group item as of August 2006