

A MECHANISM FOR SHARING METADATA FOR PRIVATE IE'S

Chris Inacio

MOTIVATION / PROBLEM STATEMENT

- IPFIX allows probe/exporters to specify vendor unique information elements
- IPFIX does allow a collector to be able to operate with unknown IE's by skipping them
- BUT, there is no defined ability for a collector to get the information about vendor defined IE's

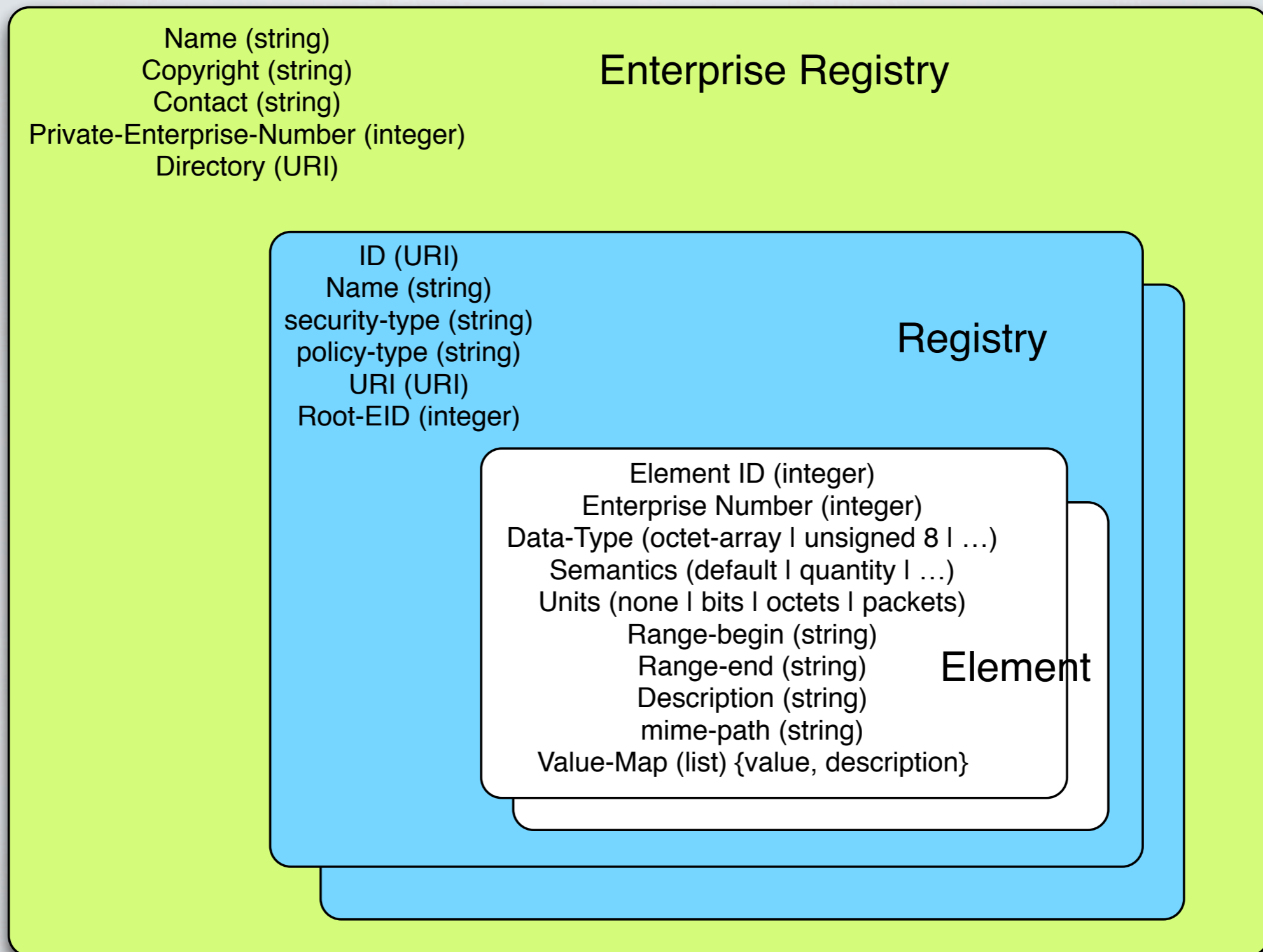
PROPOSED SOLUTION

- Add a new OPTIONS record which provides a URI to be able to retrieve an XML record with information on private IE's
- Define the XML format with which the information can be exchanged

OPTIONS RECORD

- New IE:
 - PrivateInformationElementKB
 - type string
- Holds a URI:
 - e.g. : <http://tools.netsa.cert.org/ipfix/applabel.xml>

XML SCHEMA



XML SCHEMA

- This is where the real work is
- What do you need to describe your private IE's?