

A Routing Extension for HELD

draft-ietf-ecrit-held-routing-01

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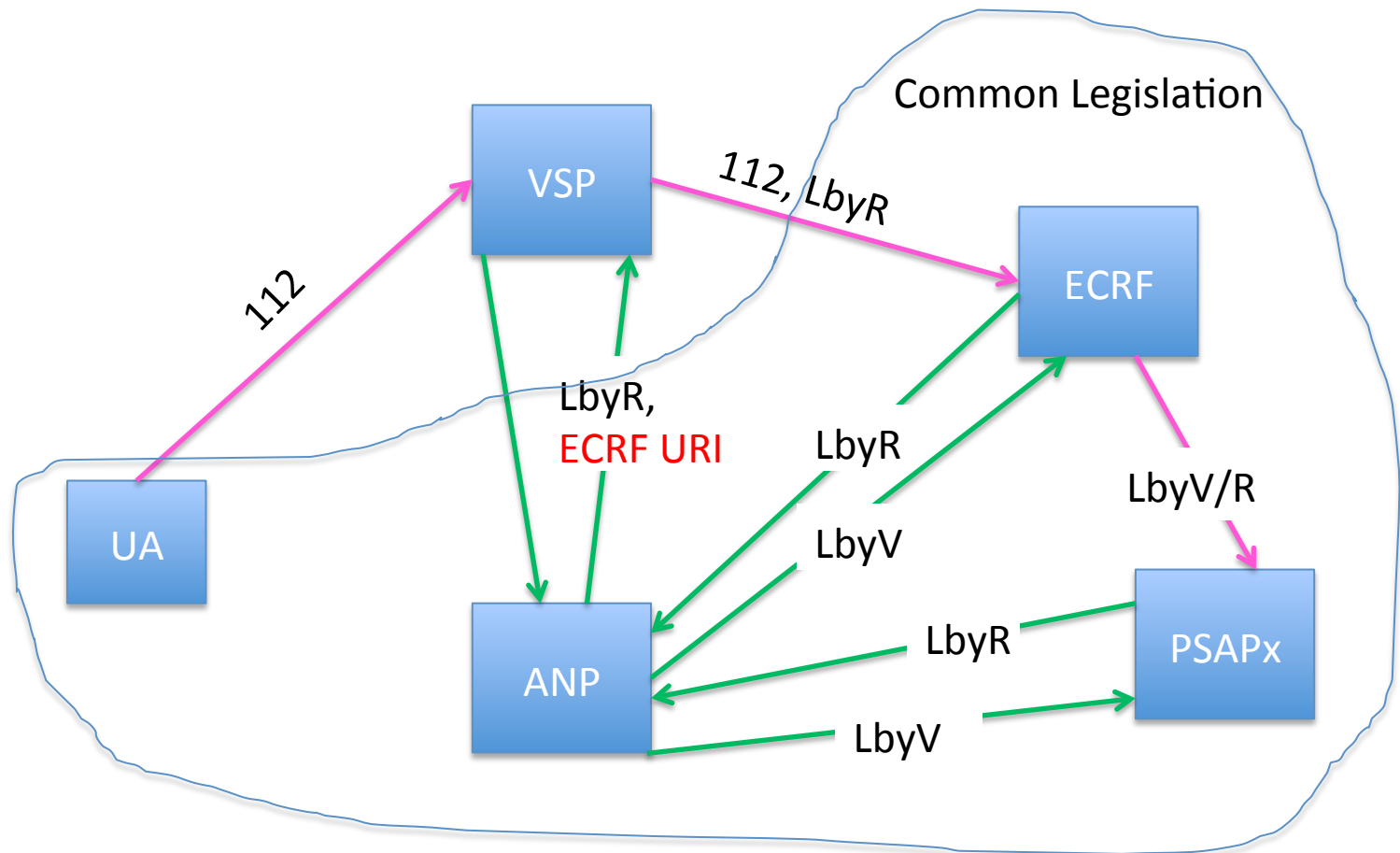
Hannes Tschofenig

Laura Liess

What it does and what it is used for

Extends HELD with

- Optional routing request element in location request
- Optional routing information in location response



Changes since last time

- Two useful sets of comments posted to the list:
 - Randall Gellens
 - Include a service tag and only return for that service, default can be urn:service:sos
 - **This has been done**
 - Roger Marshall
 - Various comments around architecture which don't really fit model in ES 203 178 which are the issues this specification is trying to address.
 - Various editorial comments largely adopted

Service request change

Defaults to a request for urn:service:sos

```
<locationRequest xmlns="urn:ietf:params:xml:ns:geopriv:held" responseTime="emergencyRouting">
  <requestRoutingInformation xmlns="urn:ietf:params:xml:ns:geopriv:held:ri"/>
  <flow xmlns="urn:ietf:params:xml:ns:geopriv:held:flow" layer4="tcp" layer3="ipv4">
    <src>
      <address>192.168.1.1</address>
      <port>1024</port>
    </src>
    <dst>
      <address>10.0.0.1</address>
      <port>80</port>
    </dst>
  </flow>
</locationRequest>
```

Response

```
<locationResponse xmlns="urn:ietf:params:xml:ns:geopriv:held">
  <locationUriSet expires="2006-01-01T13:00:00.0Z">
    <locationURI> https://ls.example.com:9768/357yc6s64ceyoiuy5ax3o </locationURI>
    <locationURI> sip:9769+357yc6s64ceyoiuy5ax3o@ls.example.com </locationURI>
  </locationUriSet>
  <routingInformation xmlns="urn:ietf:params:xml:ns:geopriv:held:ri">
    <service serviceUri="urn:service:sos">
      <dest>sip:112@example.com</dest>
      <dest>sips:112@example.com</dest>
      <dest>xmpp:112@example.com</dest>
    </service>
  </routingInformation>
</locationResponse>
```