GEOPRIV @ IETF84

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Agenda

5m Intro & administrivia (chairs)

- draft-bellis-geopriv-flow-identity-01

10m Closing out WGLCs (chairs)

- draft-ietf-geopriv-local-civic
- draft-ietf-geopriv-relative-location
- draft-ietf-geopriv-res-gw-lis-discovery

30m draft-jones-geopriv-sigpos-survey (Kipp)

Document Status

- draft-ietf-geopriv-deref-protocol: RFC Ed Queue
- draft-ietf-geopriv-dhcp-lbyr-uri-option
  - Splitting into two options based on IESG feedback
  - Revised I-D coming
- draft-ietf-geopriv-policy-uri: in IESG eval
- draft-ietf-geopriv-policy:
  - Revised I-D submitted, changed Location Profile registry from a "Standards Action" policy to "Specification Required”

draft-bellis-geopriv-flow-identity-01

- On a CGN the same source IP and port can be part of more than one flow, hiding more than one device
- Reversing the NAT mapping needs all of:
  - <layer 3 protocol>, i.e. IPv4 vs IPv6
  - <layer 4 protocol>, i.e. TCP vs UDP, DCCP, …
  - <src ip, src_port>
  - <dst ip, dst_port>

Proposal

- A Flow Identity Extension:

```
<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>
```

draft-bellis-geopriv-flow-identity-01

- Milestone
  - Dec 2012 - Submit a flow identity extension for HTTP-Enabled Location Delivery (HELD) for publication as PS.
- Adoption
- WGLC

WGLCs

1. draft-ietf-geopriv-local-civic
2. draft-ietf-geopriv-relative-location
3. draft-ietf-geopriv-res-gw-lis-discovery