draft-manderson-sidr-geo-00

SIDR WORKING GROUP

IETF 80

PRAGUE

Summary

There is a constant an ongoing effort to investigate and analyse the global internet routing system from many different perspectives. One perspective is related to the geographical position of BGP speakers and the terrestrial location of route propagation.

Summary

Describes the construction and use of the RPKI-GEO record. This record provides first class informational statements pertaining to the geographical attributes of the information described in RPKI objects.

Summary

- Informational in nature
- Not intended to affect routing/forwarding decisions
- Common sense interpretation ie
  - Location information for a ROA would attest to the geographical location from where the route is originated.

Summary

```
<gml:Point srsName="urn:ogc:def:crs:EPSG::4326">
  <gml:pos>-43.5723 153.21760</gml:pos>
</gml:Point>
```

Summary

and additionally a 'civic' address...

.... see draft for example.

Feedback

- Neither advances nor hinders SIDR work
- No real discussion on the ML

Implementation (ISC rpki)

- Intention was to have it done by now…
- ..but
  - based on Ghostbusters object code
  - Lets just say WIP. ☺

Next step

- Believe it is of use for event analysis and research
- Request adoption as a Work Group item