self-published-geo

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Overview

- Response to real world scenarios
  - Network providers wanting to publish geo data for rapid updates
  - Technical conferences which reuse the same block in different meeting locations
  - Ideally faster than waiting for passive discovery

- Extremely simple
  - Publish a list of prefix and locality attributes
  - As accurate as the publisher wishes
  - Could theoretically accommodate other "network attributes"

Format

- UTF-8, CSV-style text format
  - `ip_range,country,region,city,postal_code`

- Consists of:
  - CIDR prefix (or single IP address)
  - ISO 3166.1 alpha 2 two letter country identifier
  - ISO 3166.2 region identifier
  - freeform city string
  - freeform postal code

- All fields except `ip_range` are optional

Examples

- https://meetings.ripe.net/geo/google.csv
  - `193.0.24.0/21,GR,GR-I,Athens,117 45`
    `2001:67c:64::/48,GR,GR-I,Athens,117 45`

- https://registration.icann.org/geo/google.csv
  - `199.91.192.0/21,US,US-CA,Los Angeles,`
    `2620:f:8000::/48,US,US-CA,Los Angeles,`

thanks

tools.ietf.org/html/draft-google-self-published-geofeeds