

# An RDAP Extension for Geofeed Data

## Changes Since IETF 118

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# Earlier

- Elided example of an IP Network object with `geofeedv1` extension and `geofeedv1_geofeed` member:

```
{  
  "rdapConformance": [ ... , "geofeedv1" ],  
  ...  
  "geofeedv1_geofeed": "https:example.net/geofeed"  
}
```

# Now

- Elided example of an IP Network object with `geofeed1` extension and a Geofeed link member:

```
{
  "rdapConformance": [ ... , "geofeed1" ],
  ...
  "links":
  [
    {
      "value": " https://example.net/ip/2001:db8::/48 ",
      "rel": "geo",
      "href": "https://example.net/geofeed",
      "type": "application/geofeed+csv"
    },
    ...
  ]
}
```

# Salient Changes

- Now using a web link instead of a simple URI string to specify a geofeed file URL
  - Allows for alternative geofeed formats (beside CSV) in the future
- Renamed the extension as `geofeed1` instead of `geofeedv1`
- Introduced the new `geo` link relation type
  - Indicates that the link context has a resource with geographic information at the link target
- Introduced the new `application/geofeed+csv` media type
  - Preferred over the existing `text/csv` media type
  - Although the CSV geofeed data could be directly viewed by a user, the most common use case will involve it being processed by some sort of application first, in order to facilitate subsequent address lookup operations

# References

- Finding and Using Geofeed Data —  
<https://datatracker.ietf.org/doc/draft-ietf-opsawg-9092-update/>
- An RDAP Extension for Geofeed Data —  
<https://datatracker.ietf.org/doc/draft-ietf-regext-rdap-geofeed/>