Updating the Registry Grace Period (RGP) Mapping

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RFC 3915: Registry Grace Period (RGP) mapping

- Describes an EPP extension that implements grace periods and the RGP lifecycle for gTLDs (but is also used by many ccTLDs).
- The first extension to EPP, published in 2004 as an AD-sponsored Independent Submission RFC.

The issue

- Erratum #8305 <https://www.rfc-editor.org/errata/eid8305>
- Mismatch between the narrative text and the XML schema that describes the `<rgp:status>` element in `<info>` responses.

  > “The `<rgp:infData>` element contains **a single** `<rgp:rgpStatus>` element…”

  vs

  ```
  <element name="rgpStatus" type="rgp:statusType"
        maxOccurs="unbounded"/>
  ```

- The XML schema published by IANA omitted the “`maxOccurs`” attribute (this has now been fixed).

The impact

- A client that only expects to see a single `<rgp:status>` element in `<info>` responses may incorrectly process a response that contains more than one.
- This may have an operational or financial impact on the registrar and/or registrant.

Updating RFC 3915

- https://datatracker.ietf.org/doc/draft-carney-regext-rfc3915bis-00
- This document updates RFC 3915 to incorporate the corrected text from the erratum.
- The revised extension uses `urn:ietf:params:xml:ns:epp:rgp-1.1` as its namespace URI.
- While RFC 3915 was an ISE document, we plan to request adoption by this Working Group.
- Created with the support of Scott Hollenbeck, whose contributions the authors wish to acknowledge.

Discussion