

## draft-gould-change-poll: Purpose

- Notify Clients of Server-Side Changes
  - What, When, Who, and Why
- Help Clients Reconcile Their Data Against the Server
- Clients Could Opt-In or Opt-Out of Messages
- Examples of Changes Include
  - Regular Batch Processes
  - Customer Support Actions
  - UDRP or URS Actions
  - Court Directed Actions
  - Bulk Updates based on Customer Requests
  - Domains Put on Hold Due to Verification Issues

## draft-gould-change-poll: Description

- Standards Track [Internet Draft](#)
- Extension to Poll Info Response of Any Object Mapping
- Two Different Message States
  - Before – Optionally Provide the Before State of Object
  - After – Provide the After State of Object
- Attributes Include
  - Operation
  - Date
  - Server Transaction Identifier
  - Who
  - Case Identifier – Optional
  - Reason – Optional

# draft-gould-change-poll: Example

```
<?xml version="1.0" encoding="UTF-8"?>
<epp xmlns="urn:ietf:params:xml:ns:epp-1.0">
  <response>
    <result code="1301">
      <msg lang="en-US">
        Command completed successfully; ack to dequeue</msg>
      </result>
    <msgQ id="202" count="1">
      <qDate>2013-10-22T14:25:57.0Z</qDate>
      <msg>Registry initiated update of domain.</msg>
    </msgQ>
    <resData>
      <domain:infData
        xmlns:domain="urn:ietf:params:xml:ns:domain-1.0">
        <domain:name>domain.example</domain:name>
        ...
      </domain:infData>
    </resData>
    <extension>
      <changePoll:changeData
        xmlns:changePoll="urn:ietf:params:xml:ns:changePoll-1.0"
        state="after">
        <changePoll:operation>update</changePoll:operation>
        <changePoll:date>2013-10-22T14:25:57.0Z</changePoll:date>
        <changePoll:svTRID>12345-XYZ</changePoll:svTRID>
        <changePoll:who>John Doe</changePoll:who>
        <changePoll:reason>URS Lock</changePoll:reason>
      </changePoll:changeData>
    </extension>
    ...
  </response>
</epp>
```

## draft-gould-change-poll: Recommendation

- Adopt draft-gould-change-poll in next set of WG documents