ACH Proxy Configuration Requirements

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Configuration Goals

- What "features" do we want to be able configure?
  - A fully blown language?
    - But we already have CPL, VoiceXML, etc.
  - Or just some basic primitives?
    - forward, reject, etc
  - Does it need to be extensible by vendors?
- Time of day?
  - Could be solved by an agent running on the user's behalf changing the configuration
- Per caller rules?
- As we add flexibility, we lose being able to extract semantic meaning from the configuration.
  - i.e, detecting "all calls are on divert to tel:+xxx"
- Support multiple configurations, easy to list & change between devices?

Transport Protocol

- XCAP?
  - Allows editing of documents without fetching whole thing
    - great for lists of URI's, for example.
  - Only allows XML
    - well, we could do <data><![CDATA[xxxx]]></data>
    - Might not be an issue anyway
- SIP PUBLISH
  - Large documents - MTU
- A new, more simple RESTful solution?
  - Can be implemented in a few lines of code in most modern languages
  - Allows non SIP clients, e.g an agent
  - Gets HTTP "toolkit" for free - SSL, digest authentication, caching, frontend proxies, etags, & redirects.
- What about notifications from network to UA
  - Would need an event package. XCAP already has this though.