draft-barnes-geopriv-policy-uri

Richard Barnes

Martin Thomson

Motivation

- So I got a location URI – now what?
- What policy is the LS going to enforce?
  - How long is it valid?
  - What granularity of location?
  - What types of location?
- How can I have a say?
- Several drafts raise these questions:
  - HELD, -deref, -dhcp-lbyr-uri-option, …

Provide a control channel

- Simple protocol for dealing with deref policy
  - GET – What policy is the server going to apply?
  - PUT – Here's my policy, please use it?
  - DELETE – Turn off this URI
- Based on common policy (simple examples included)
- Forward-compatible with XCAP, WebDAV

Accessing the control channel

- Hand out policy URIs wherever you hand out location URIs
  - New namespace, mini-schema for HELD
  - New LuriType for DHCP-LbyR

```
<locationResponse xmlns="urn:ietf:params:xml:ns:geopriv:held">
  <locationUriSet expires="2011-01-01T13:00:00.0Z">
    <locationURI>https://ls.example.com:9768/357yc6s</locationURI>
    <policyUri xmlns="urn:ietf:params:xml:ns:geopriv:held:policy">
      https://ls.example.com:9768/policy/357lp6f64prlbvhl5nk3b
    </policyUri>
  </locationUriSet>
</locationResponse>
```

Complexity

- Main challenge is complexity of policy
- We can provide some simple examples
  - Set expiry time
  - Set granularity
  - Set privacy rules
- If nothing else, DELETE

Next steps?

- Outstanding issues?
- Add milestone / adopt?