draft-barnes-geopriv-policy-uri

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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-ibyr-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/357lp6f64prlbvh15nk3b
    </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?