

# draft-ietf-oauth-pop-key- distribution-06 (-07)

J. Bradley, P. Hunt, M. Jones, H. Tschofenig, M. Meszaros

# Overview

- OAuth WG specifies the PoP token usage for use with HTTP.
  - OAuth WG standardized the JWT.
- ACE WG specifies the PoP token usage for use with CoAP.
  - ACE WG standardized the CWT.
- Both can be combined. Use CWT over HTTP.

# Overview, cont.

- draft-ietf-oauth-pop-key-distribution describes interaction between Client and AS for PoP key distribution over HTTPS.
- draft-ietf-ace-oauth-authz and draft-ietf-ace-oauth-params describes interaction between Client and AS for PoP key distribution over CoAPS.
- Lots of discussions to keep the two efforts in sync.
- Use of two drafts:
  - draft-ietf-oauth-resource-indicators (resource parameter – absolute URI)
  - draft-ietf-oauth-token-exchange (audience – logical name)

# Review by James Manger (addressed by version -07)

- 1. "exp" and "nbf" values should be numbers, not strings, so must not have quotes [Section 4.2.2. "Client-to-AS Response"]
- 2. h'11' and b64'...' appear in the JSON examples, but should be "..."  
strings [Section 4.2.2. "Client-to-AS Response", members "kid", "x", "y"]
- 3. "iss" should be an https URI, such as "<https://server.example.com>",  
not "xas.example.com" [Section 4.2.2. "Client-to-AS Response"]. "aud"  
should probably be <https://...> as well, not <http://....>

# Next steps

- Start WGLC?