

# OAuth 2.0 Resource Indicators

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# Context

- What is draft-ietf-oauth-resource-indicators?
  - Defines a “resource” parameter that is the URI(s) where the client is requesting access, which is applicable at:
    - The authorization endpoint for the requested access of the whole grant
    - The token endpoint for the requested access token
- Why?
  - Enables access token to be minted appropriate to the target resource
    - Encryption, content/claims, reference vs. JWT, keys/algs, etc.
  - Facilitates audience restricting access tokens
    - AS may use the exact "resource" value as the audience or it may map to a more general URI or even an abstract identifier for the protected resource
- What about?
  - scope is the ‘what’ while resource conveys the ‘where’

# Notable Happenings Since IETF 102 Montreal

- Adopted as WG document and published -00 (from the individual draft, which hadn't really been updated since March 2016)
- Published -01:
  - Change the "invalid\_resource" error to "invalid\_target" to align with draft-ietf-oauth-token-exchange, which has some overlap in functionality
  - Allow the "resource" parameter value to have a query component (also aligning with token-exchange)
  - Significantly reworked the main section of the document attempting to clarify a number of things that came up at IETF 102 and during the call for adoption



# Looking ahead to IETF 104 Prague

- I'm unable to make it to Prague...
- Please review as -01 is a major reworking of the draft

