Human Rights Protocol Considerations in a Grant Negotiation and Authorization Protocol

IETF 115 HRPC and GNAP

Privacy vs. Human Rights

- Human Rights recognize asymmetry of power between individuals and institutions
- "You can't consent away your human rights." Michael Stokes, PPR
- Human Rights promote free association and delegation to an expert or group
- Privacy does not consider delegation ignores power asymmetry
- In the IETF / HRPC / GNAP context "Forced Association":
 - A Human Rights concern
 - Can't be mitigated by "Notice and Consent" as a privacy design
 - Notice and Consent are limited by the asymmetry of power of RS and RqP over RO
- Forced Association in OAuth drives platform hyperscaling and lock-in
- Unrestricted AS delegation by the RO is a MUST or SHOULD for GNAP

GNAP Authorization Server: At the Privacy Interests Crossroads

RO

Resource Owner Wants:

- Agency AS choice
- Unrestricted delegation
- No RS lock-in
- No policy surveillance
- No request traffic analysis
- No spam
- AS / RS interoperability

AS

RqP

Requesting Party Wants:

- Data minimization
- Unrestricted delegation
- Client choice
- AS / RS interoperability

Resource Server Wants:

- Agency AS choice
- Limited liability (privacy / security)
- RO lock-in options
- AS / RS interoperability

RS

Unrestricted AS Delegation in GNAP

3 Options

- 1. RO specification of AS to the RS
- 2. RS issues attenuable capability to the RO
- 3. AS does token exchange with RS or RS+AS

Human Rights considerations would dictate at least one of the options is a MUST or SHOULD.

Call to Action on GNAP

- Best example of HRPC in IETF?
- GNAP HRPC Discussion at IETF 115: https://youtu.be/U8s-U_m-EQ8?t=2700
 - Hyperscale Platforms as "unintended consequence" of OAuth
 - Regulatory Capture risk
 - VCs and DIDs potential for mass surveillance
- Forced Association with Hyperscale Platforms is no longer an "unintended consequence" of authorization protocol design.
- Unrestricted AS delegation as a MUST or SHOULD in GNAP

Thank you!