DNS Resolver Information
Self-publication
Draft-sah-resolver-information

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The draft: draft-sah-resolver-information

- Looking for WG adoption
- Browsers are interested in learning about DoH endpoints in a standard way
- Resolvers need a mechanism to publish information about themselves
- Other drafts will specify the vocabulary of information (including DoH)

Publication format

- Data format uses I-JSON (RFC 7493)
- Name-value pairs for information
- Query format defined for inventory of available name-value pairs
- Only name-value pair in this spec: "inventory"
- New name-value pairs defined with "Expert Review and Specification Required"

Endpoints for querying

- DNS reverse address (@ resolver IP)
- HTTPS: `/.well-known/resolver-info/`
- Other options
  - DNS SUDN: considered earlier, dropped in favor of DNS reverse address

Endpoint selection

- Different implementations may provide one of DNS or HTTPS endpoint, or both
- Clients also may implement one of the endpoints only
- => Client + server might not interop
- What is the solution?

Next steps

- Request WG adoption for this document
- WG may/may not decide to adopt documents defining new name-value pairs