Whither draft-ietf-sidr-publication?

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IETF 88
Vancouver
November 2013

History

- WG document draft-ietf-sidr-publication.
- -00 posted October 2010; protocol taken verbatim from rpki.net implementation.
- -01 posted July 2011; simplified `<publish/>` and `<withdraw/>` operations, added MIME type.
- Subsequent updates kept protocol unchanged but added examples, security considerations, etc.

Lack of Focus

- Very little recent attention, most likely because interoperable publication is not currently on anybody's critical path.
- Some of us still believe this is an important piece of the overall picture.
- Other work (draft-tbruijnzeels-sidr-delta-protocol) has reused portions of this protocol.
- There is one implementation of (the -00 version of) this publication protocol, and it is in use.
- How do we move forward?

A Recent Suggestion

- Tim Bruijnzeels points out that much of the draft deals with matters which may not require an interoperable standard.
- Tim has suggested trimming protocol down to the bare minimum.
- If we took this approach, all of the “control” operations would go away, leaving just the `<publish/>` and `<withdraw/>` operations.
- Some of the support machinery (authentication model, error reporting, etc) would remain, but resulting protocol would be a lot simpler.

Possible Reason For Delaying

- There has been some discussion of post-rsync RPKI retrieval protocols.
- Such protocols might require additions to this publication protocol.
- But this would have us waiting for something which itself is still very amorphous and has no obvious timeline.
- This is why protocols have version numbers.

Authors' Recommendations

- Press onwards.
- Authors currently split on whether to trim protocol per Tim's suggestion or just make the control subprotocol optional; all authors can accept either outcome (but author currently holding the pen favors trimming, bwahaha).
- Finish the examples and all mandatory sections.
- Declare victory and send to WGLC.
- Drive off the post-rsync bridge when we get to it.

Questions? Suggestions? Issues?