

Initial requirements for a delegation proposal: aliasing

Paul Hoffman

IETF 120, Vancouver

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Requirements, not protocol design

- We have just started on the requirements for the overall protocol
- There is at least one other protocol, specification of DNS transports for servers named in NS records, that will come soon after aliasing (or maybe at the same time)
 - That will have different requirements
- These are just first guesses at requirements, not a formal first draft

Support on the parent side

- The protocol **must** be able to specify multiple target servers that will serve the authoritative information about the child zone
- The protocol **must** be able to specify expected transports for target servers
- The protocol **might** be able to specify public keys for secure transports
- The protocol **might** be able to specify address records for target servers

Support on the aliased side

- The pointed-to server **must** be able to specify all authoritative records for the child zone
- The pointed-to server **might** be able to re-point to different authoritative servers (to some level of depth)
- The pointed-to server **might** be able to indicate the list of names that it serves so that resolvers can pre-populate delegation records