

Readout: Side Meeting on DNS-Based Load Balancing

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IETF 120

Side Meeting Highlights

- ~60 attendees (~35 onsite)
- Presentations from Ben Schwartz, Shane Kerr, and Davey Song
- Many different ideas about useful things to do!
 - Establish a registry of named load balancing intents
 - Define a way to encode load balancing intent into a zone file
 - Design a totally new zone file format, with metadata
 - Replace EDNS Client Subnet (ECS) with a new resolver \leftrightarrow auth protocol for client location
 - Standardize targeting strategies that span multiple protocols and involve tuned client behavior
- Some concerns
 - Do we have enough input from DNS operators and their customers?
 - Does the increased complexity create a DoS risk for authoritative servers?
 - Can we achieve a level of interoperability that would provide meaningful utility?
- Next step: request a mailing list