The SPF/Sender-ID Experiment

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The story so far

- The IESG published RFC4405-4408 as Experimental for various reasons
  - They called this the "SPF/Sender-ID Experiment"
  - Invited the community to give feedback after a couple of years
  - We assume the IESG will want to see some resolution to this before we advance SPF to the Standards Track
    - No specific guidance, however

The Plan

- Collect data about deployment, efficacy, use, operational considerations, etc., about SUBMITTER, SPF, and Sender ID
  - Kind of like an interoperability report
- Try to compare these based on the collected data to see what the results of the "experiment" are, six years later
- Present an evidence-based conclusion that justifies the rest of the WG's plans

The Data

- A few independent sources:
  - OpenDKIM, Cisco presented ~300k domain surveys of what data are published
    - Type 16 vs. type 99
    - Which mechanisms are in use
    - DNS timeouts
    - Common conclusions between the two mechanisms
  - Santronics logs
    - Use of SUBMITTER
  - Hotmail data analysis (coming soon)
    - Comparisons between SPF and Sender-ID domain output

More Data?

- Are there any questions we need to answer for which we need data that we don't already have?

Conclusions

- We need to write some!
  - We can wait until Hotmail gives us data, but that will be soon
  - Otherwise, we should have enough information now to draw some conclusions
- Anecdotal conclusions too
  - The type 99 experience is exceptional and probably worth documenting
  - Other things?