Structured Data for Filtered DNS

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Purpose (Reminder)

- Assist DNS filtering troubleshooting

Changes from -04 to -05

- Address comments on interoperation with RPZ servers

- See next slide for more details

Interop with RPZ Servers...

- ... that indicate filtering with a NXDOMAIN response and Recursion Available bit cleared (RA=0)

- If the client supports the proposed mechanism , but the server does not

  - Continue to accept NXDOMAIN and RA=0

- If both the client and server support the mechanism:

  - The client learns the server's capability using draft-reddy-add-resolver-info and the client includes the EDE OPT pseudo-RR in the query

  - The server uses that option to differentiate EDE-aware clients from EDE-unaware clients

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Next Step

- All received comments are addressed
- Consider for WG Adoption