DNSSEC automation

- RFC 8901 Multi Signer DNSSEC Models

- Changing NS operator for signed domains (without going insecure)

- Automating the process by using
  - RFC 8078: Managing DS Records from the Parent via CDS/CDNSKEY
  - RFC 7477 - Child-to-Parent Synchronization in DNS

- New draft: https://datatracker.ietf.org/doc/draft-wisser-dnssec-automation/

- Work In Progress …
DNSSEC automation

Two Models

• Centralized Software that controls all signers either through API or dynamic updates

• Decentralized, name servers talk to each other and exchange DNS information
DNSSEC automation

We are looking for

Feedback

Contact and possible cooperation on future protocol

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