

Multi Provider DNSSEC

draft-ietf-dnsop-multi-provider-dnssec-01

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Problem statement

- Deploying DNSSEC in zones simultaneously signed by multiple DNS providers.
- Presented at IETF101; Adopted right after IETF102

Updates since last version presented

- Refocus draft only on the Multi-Signer models
- New section: Provider Migration/ Inter Provider Hand off
- New section: Key Management functions (API requirements)
- Security Considerations: now has text

Pending Work

- Next version: rename title to “Multi Signer DNSSEC Models”
- Add “Pros & Cons” section that compares the 2 models.
- Flesh out Inter-provider handoff section
- Explain how CDS and CDNSKEY use works in these models
 - Brought up recently on the mailing list.
- Do we need to flesh out an abstract API for key management?

Running code

- We want to continue developing some implementations
- Deployed prototypes of both models at the IETF102 hackathon
- Preliminary Key Management Provider Interface (by NS1)
- Looking at support in Open Source implementations
 - Have done some tests with BIND; others planned.



