

# DNS Resolver Priming

`draft-ietf-dnsop-resolver-priming-02.txt`

DNSOP@IETF76 — Chicago, US — 2009-11-11

Peter Koch

`pk@DENIC.DE`

Matt Larson

`mlarson@verisign.com`

## Open Issues

- Priming Query timeout values
- ...retry strategy
- parallel vs sequential priming
- may SBELT be used before priming?
- interaction between priming and *regular* queries for root NS RRSet
- what about signed NS RRSETS?
- When to re-prime? (how many addresses may expire before?)
- completeness of the response
- responses to non-EDNS based priming queries
- TTL sync issues

## Q1: Retry Strategy

- Recommend a timeout value?
- Retry same server or different?
- Can always express no opinion

## Q2: Parallel vs Sequential Priming?

- Parallel – may not be available everywhere
- More load, but also *more complete* response
- Can always express no opinion

### **Q3: May the SBELT be used before priming?**

- If not, what about amnesia?

## Q4: When to re-prime?

- How many addresses may expire before that?
- TTL sync issues

## Q5: other issues

- completeness of the response
- responses to non-EDNS based priming queries

**Thank You!**