This is the
DNSEXT Working Group

Washington DC IETF61

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Agenda1

- WG Administrivia   (15 min)
  - Session administration
    - Appointment Scribes
    - Agenda Bashing
    - Previous Minutes (http://ops.ietf.org/lists/namedroppers/namedroppers.2004/msg01628.html)
  - ------------------- end of session -------------------
    - Document Status
    - Charter Review

Agenda 2

- 2538bis input   Gudmundsson   (3 min)
  - draft-josefsson-rfc2538bis-00.txt

- QR clarification   Arends   (5 min)
  - draft-arends-dnsext-qr-clarification-00.txt

- Key crypto   Eastlake   (5 min)
  - draft-ietf-dnsext-ecc-key-05 and
  - draft-ietf-dnsext-tsig-sha-00

- Wildcard clarification Lewis   (15 min)
  - draft-ietf-dnsext-wcard-clarify-03.txt

Agenda 3

- Requirements for future work on Denial of Existence (20 min)
  - Requirements overview
    - draft-ietf-dnsext-dnssec-trans-01.txt
  - Status of proposals
- DNSSEC keymanagement issues   (20 min)
  - draft-ietf-dnsext-trustupdate-threshold-00.txt Ihren
  - draft-ietf-dnsext-trustupdate-timers   StJohns
  - draft-laurie-dnssec-key-distribution-00.txt Laurie

Agenda 4

- Cross fertilization
  (DNS related work in other groups that needs review)

- draft-snell-dnsepd-00.txt   Snell (10 min)

- draft-iab-dns-choices-00.txt   Fältström (10 min)

- DNS issues in SPF   Bortzmeyer (10 min)

2538bis Request for Input

- CERT RR (from proposed to draft)
- Proxy: Olafur Gudmundsson   (3 min)
- draft-josefsson-rfc2538bis-00.txt

QR clarification

- Arends   (5 min)
- draft-arends-dnsext-qr-clarification-00.txt

```
An unsolicited response message is a DNS response
   message which is not invoked by a request
   message.


A DNS implementation MUST ignore unsolicited DNS
    response messages.


A DNS implementation MUST NOT send a DNS response
    message in response to a DNS response message.
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Key crypto

- Eastlake   (5 min)
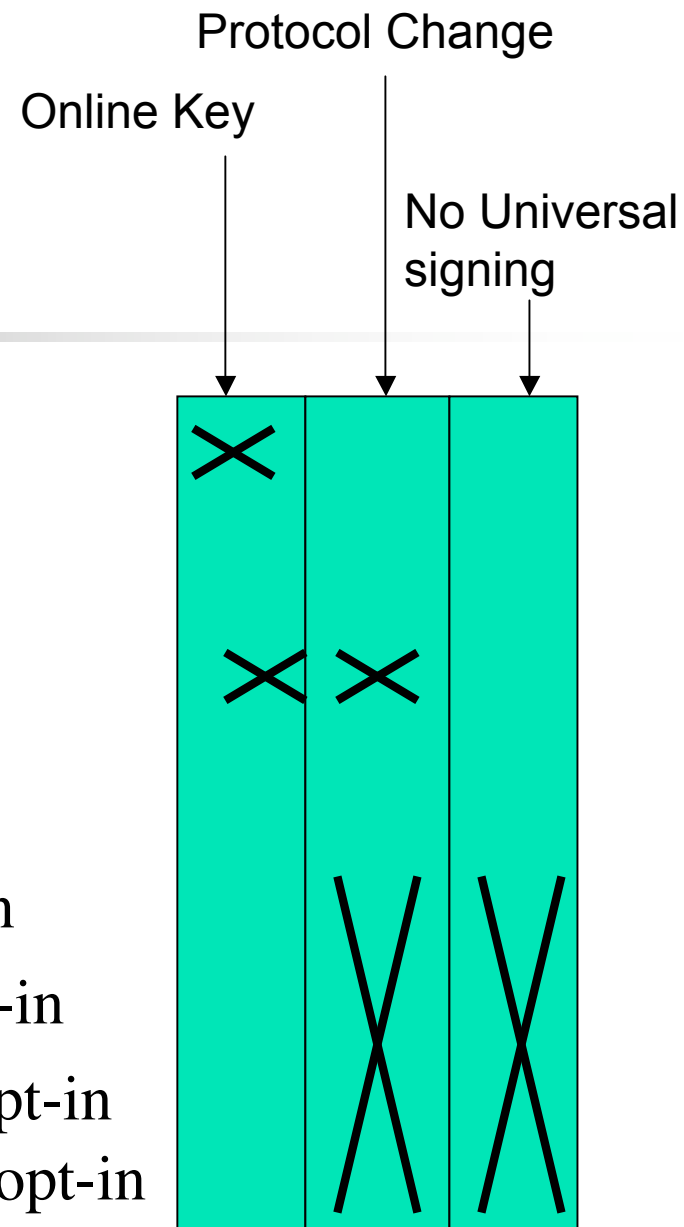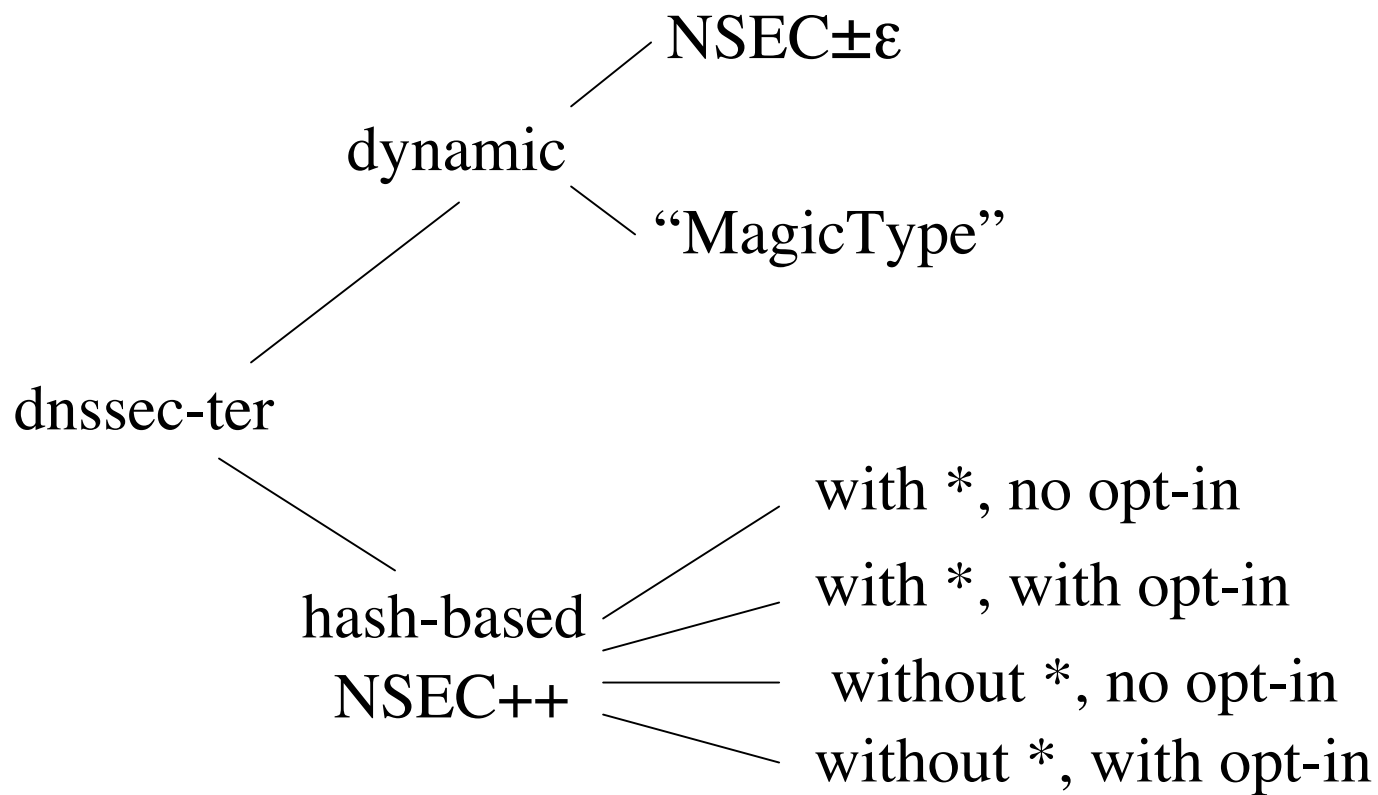- draft-ietf-dnsext-ecc-key-05 and
- draft-ietf-dnsext-tsig-sha-00

Wildcard clarification

- Ed Lewis　　　　(15 min)

- draft-ietf-dnsext-wcard-clarify-04.txt

  - Version 4 did not make it to the list.

Requirements for future work on Denial of Existence (20 min)

- Process:
  - Hallway meeting of chairs with authors and a handful of engineers
    - assess the commonalties between the requirements
    - clarify them
    - Prioritize and split between Requirements and Desirables
  - Scan the currently know solution space and identify the choices
  - Results will be posted to the list. Please review and comment;The list is were decision is made

Solution space

Online Key

Protocol Change

No Universal signing

NSEC±ε

dynamic

"MagicType"

dnssec-ter

hash-based
NSEC++

with *, no opt-in

with *, with opt-in

without *, no opt-in

without *, with opt-in

Proposed Way Forward

- Fast Track NSEC±ε
  - No changes in DNSSECbis resolvers needed
- Work on
  - hashed based solution
  - "MagicType" based solution
- Defer choice between Universal signing, online Keying and other tradeoffs
- Goal: one protocol change; we may have to make this tradeoff.

DNSSEC keymanagement issues (20 min)

- draft-ietf-dnsext-trustupdate-threshold-00.txt Ihren
- draft-ietf-dnsext-trustupdate-timers   StJohns
- draft-laurie-dnssec-key-distribution-00.txt   Laurie

Cross fertilization

- **draft-snell-dnsepd-00.txt**
  - James Snell   (10 min)
- **draft-iab-dns-choices-00.txt**
  - Patrik Fältström   (10 min)
- **DNS issues in SPF**
  - Bortzmeyer   (10 min)
  - draft-lentczner-spf-00

WG Administrivia

WG Active docs

- draft-ietf-dnsext-wcard-clarify-03
  - version 4 not in repository yet; posted to the mailing list.
- draft-ietf-dnsext-signed-nonexistence-requirements-1
- draft-ietf-dnsext-dnssec-trans-1
- draft-ietf-dnsext-trustupdate-threshold-0
- draft-ietf-dnsext-trustupdate-timers-0
- draft-ietf-dnsext-tsig-sha-0

WG Final stages

- draft-ietf-dnsext-insensitive-04

  - Sent off to the AD (today)

- draft-ietf-dnsext-tkey-renewal-mode-05

  - Dropped between cracks: Please review, this document will be last called.

WG stalled

- draft-ietf-dnsext-rfc2536bis-dsa-4
  - We will issue a WG last call soon
- draft-ietf-dnsext-rfc2539bis-dhk-4
  - We will issue a WG last call soon
- draft-ietf-dnsext-ecc-key-5
  - Issues in a mail to the list this week
    - Please read and respond
  - We will issue a WG last call soon

Docs @IESG
AD Evaluation

- draft-ietf-dnsext-interop3597-01.txt Somme comments from IESG, Schlyter to rev the docs

Docs @ IESG

RFC Editors Queue

- draft-ietf-dnsext-dnssec-intro-13

- draft-ietf-dnsext-dnssec-protocol-09

- draft-ietf-dnsext-dnssec-records-11

More Docs @ IESG

AD is watching

- draft-ietf-dnsext-mdns-37
  - Issue that needs WG review
- draft-ietf-dnsext-dnssec-opt-in-05
  - Now a design choice for NSEC++
- draft-ietf-dnsext-axfr-clarify-05
  - Waiting for AD write up; There are some issues. These will be brought to the group to get fresh review

Still more docs at IESG

Revised ID Needed

- draft-ietf-dnsext-dhcid-rr-07
  - (still)waiting for DHC WG output.

RFC since last time we met

- draft-ietf-dnsext-dns-threats-07 (RFC 3833)
- draft-ietf-dnsext-nsec-rdata-06 (RFC 3845)

RFC proposed->draft

The Plan

- Slow but steady progress on getting documents from proposed to draft standard

- Clean up the "left-overs"
  - Have the list of docs hanging at the IESG and expired docs reduced to NULL by next IETF

- Closely track protocol needs for DNSSEC deployment