

# Trust History

- Draft-wijngaards-dnsop-trust-history -01
- Support validators for **end-users**
  - Offline for long periods
  - Software years on the shelf
- Make old trust anchor up to date
  - Over port 53 because that works at system start
  - Security is similar to 5011: spoofs, key, 30days
- History list of key sets and old signatures

# Update in 4 easy steps

## 1. Fetch current keyset

- If no successful key use in **30 days**

## 2. Get list head

- Location in the validator configuration

## 3. Walk through list

- Check if SEP key (a **KSK**) signs the next keyset
- Checks trust point revocation and algorithm rollover

## 4. If keyset is signed by your (old) trust anchor

- Store end result on stable storage

# TALINK

- Dnsect expert review RR Type allocation
- RDATA contains 2 domain names
  - `<listhead> IN TALINK <first> <last>`
  - `<listitem> IN TALINK <prev> <next>`
  - Empty label '.' denotes end-of-list or empty list
- Uncompressed names in the wireformat