With the TLS DNSSEC Chain Extension

- No DNSSEC
- Only address queries
- Hideous to query complete chain

TLS Client

DNSSEC root TA

Setup TLS for cheetara.huque.com

TLSA?

Resolver
(in typical crappy CPE)

TLS Server

DNSKEY huque.com

DS huque.com

DNSKEY com

DS com

DNSKEY .

DS .

Good Resolver

TLSA + chain

TLSA!

DNSKEY huque.com

DS huque.com

DNSKEY com

DS com

DNSKEY .

DS .

the problem case
-00 Was held of, because of business with TLS1.3
With -02 list communications have quiet down
Extension content is DNS wireformat
Describes how to handle CNAME and DNAME's
Stronger wording for keeping records fresh
Mandate with X.509 TLS Feature Extension