ANAME, Quickly

DNSOP 104

The Problem

```
$TTL 3600
example.com.            1800     IN      SOA      ......
example.com.            86400    IN      NS       dns01.example.com.
example.com.            86400    IN      NS       dns02.example.com.
example.com.            86400    IN      NS       dns03.example.com.
example.com.            86400    IN      NS       dns04.example.com.
example.com.            3600     IN      MX       10 mail.example.com.
;
mail.example.com.       3600     IN      A        192.168.0.1
;
example.com.            300      IN      RRTYPE   fancy-cloud-instance.com.
```

In Search of...Solutions

- Willem/Ondrej have some CNAME/DNAME experiments

- Ray thinks his HTTP record is the better answer

- Tim feels the argument is not between the HTTP and DNS world

- DNSOP is ignoring the New World Order of Elastic Computing

- Website publisher perspective in **draft-york-dnsop-cname-at-apex-publisher-view**

ANAME draft rewritten for -02

- "Like CNAME but only for address records"

- Behaves "as if" address records copied from target to owner using DNS UPDATE

- But dynamic lookup-on-demand (like -01) is allowed by "as if" get-out clause

- Resolvers may re-do target address substitution for GeoIP

ANAME draft discussion how to move forward

- Requirements
  - Derived from mailing list

- Current version of -02 draft

- How to proceed?
  - One document
  - Two (focussed) documents