# ANAME: Address-specific DNS Name Redirection (draft-ietf-dnsop-aname)

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### Why ANAME?

```
$ORIGIN example.com.
@ IN SOA ...
@ IN NS ns1
@ IN A 192.0.2.1
www IN CNAME example.com.my-cdn.example.net.
```

#### **Current solutions**

- 1. CNAME at apex
- 2. CNAME flattening
- 3. cron updates
- 4. ALIAS or ANAME from various commercial operators
- 5. ALIAS in open source PowerDNS auth

## Creating a single standard

HOW STANDARDS PROLIFERATE; (SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC.)

SITUATION: THERE ARE 14 COMPETING STANDARDS.

14?! RIDICULOUS! WE NEED TO DEVELOP ONE UNIVERSAL STANDARD THAT COVERS EVERYONE'S USE CASES. YEAH!

SOON:

SITUATION:

THERE ARE

15 COMPETING

STANDARDS.

#### **Current draft**

- · grown organically, sections too intertwined
- auth/resolver behaviour not separated well
- we want to split the draft into:
  - one document for auth
  - · one document for resolvers

## Thoughts?

Thoughts? Questions? Comments?

Hum?