Draft-levine-orgboundary
dbound, IETF 89

Opt-in vs. opt-out

- Opt-in: same if they explicitly say so

- Opt-out: same unless there's a boundary

- This is opt-out

More parameters

- **Published by domains, or third parties?**

- **Single or multiple boundary?**

- **Per-service boundaries?**

Today's grosse hacque

- **Each collection has a base name and a tag**
  - Base is root if self-published
  - Base is publisher otherwise
- **Tag identifies a boundary type**
  - Cookies
  - SSL signing authority
  - DMARC
  - Whatever

The lookup

- **To find the boundary for aa.bb.cc for service foo lookup:**

  - `aa.bb._foo._ob.cc.`
  - `aa.bb._foo._ob.cc.orgbound.example`

- **Returns:**

  - `ob=1 cc`
  - `ob=1 .`
  - `ob=1 bb.cc`

More lookups

- **For multiple boundaries (like uk.com)**

  - **Repeat lookups below each boundary**

  - **Stop when you NXDOMAIN**

- **Not needed if superdomain cooperates**

  - **.uk and .ac.uk**

Publishing

- **Use wildcards to cover ranges**
  - `*._foo._ob.cc.` TXT "ob=1 cc"
  - `*._ob.cc.` TXT "ob=1 ."
  - `*.ac._ob.uk.` TXT "ob=1 ac.uk"
  - `*.qc._foo._ob.ca.` "ob=1 qc.ca"