The DNS is not CLASSy

DNSOP, IETF 95

Buenos Aires, AR

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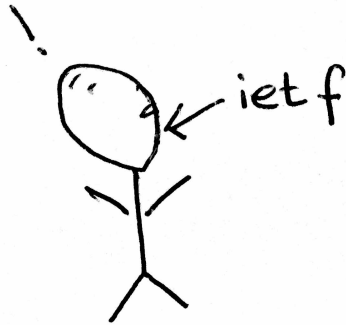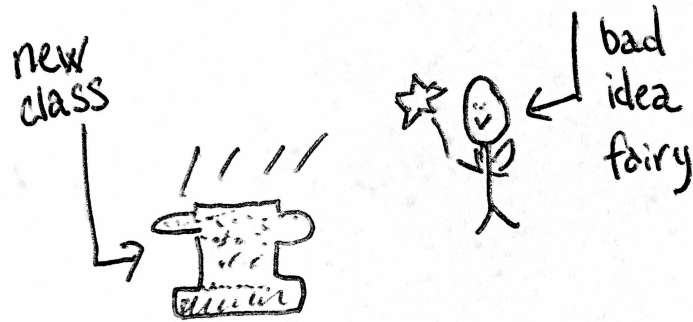April 2016

The problem (aka you didn't read the draft)

- Classes apparently designed 1:network stack

- IP won

- Didn't use it for different IPs

- Even when it mattered nobody looked after this

  - RRTYPE registry can't tell you type:class

Real reason I wrote it

This is a problem?

- Every DNS message uses this

- We've been careless about it

- A potential source of non-interop

- A certain attractive nuisance

Who cares?

- Some seem to want to invent this problem repeatedly

- The protocol is hard enough for those unfamiliar

- Even we don't pay attention to it

Proposal

- Nothing new in the CLASS registry

  - i.e. close the registry

- Every new RRTYPE is for all classes

- Fix some IANA details in the registries

- Probably not DNSOP biz, but good place to start discussion