

ALT Special Use TLD

draft-wkumari-dnsop-alt-tld

What's the problem?!

- RFC2860 & IETF/ICANN MoU supplements:

...

4.3. Two particular assigned spaces present policy issues in addition to the technical considerations specified by the IETF: the assignment of domain names, and the assignment of IP address blocks. These policy issues are outside the scope of this MOU.

Note that (a) assignments of domain names for **technical uses** (such as domain names for inverse DNS lookup), (b) assignments of specialized address blocks (such as multicast or anycast blocks), and (c) **experimental assignments** are not considered to be policy issues, and shall remain subject to the provisions of this Section 4.

What's the problem?!

- RFC6761 (Special-Use Domain Names) (edited to fit)

Describes what it means to say that a Domain Name (DNS name) is reserved for special use, when reserving such a name is appropriate, and the procedure for doing so.

...

Similarly, if a domain name has special properties that affect the way hardware and software implementations handle the name, [...] then that domain name may be a candidate for having the IETF declare it to be a Special-Use Domain Name [...]

...

Where the desired behaviour can be achieved via the existing domain name registration processes, that process should be used. Reservation of a Special-Use Domain Name is not a mechanism for circumventing normal domain name registration processes.

...

If it is determined that special handling of a name is required in order to implement some desired new functionality, then an IETF "Standards Action" or "IESG Approval" specification [RFC5226] MUST be published describing the new functionality.

Yeah, so what's the problem?!

- There were ~1400 applied for new gTLDs
 - World seems to have decided TLDs (and TLD like things) have value
 - ***Lots*** of policy and politics in this space
... seriously, lots...
- .amazon - geography or shopping?
- .patagonia - country or clothes?
- .kosher - OU Kosher or STAR-K Kosher or OK Kosher or Chicago Rabbinical Council Inc. or...
- .wine / .vin - who woulda thunk?!

~~Don't want IETF to
become another
ICANN!~~

But... we're not ICANN!

- Lots of requests for RFC6761 names
 - currently ~40
 - Many for names in non-DNS context
- No safe place for experimentation

What does this NOT do?

- Does NOT deprecate RFC 6761
- Does NOT modify RFC6761
- Does NOT change any of the existing requests for RFC6761 names
- Does NOT solve everyone's problem

What does this do?

- Requests .ALT as RFC6761 (Special-Use Domain Names)
 - Gets you NXDOMAIN if leaks.
 - “TLD label in non-DNS contexts or for names that have no meaning in a global context.”
- Provide a safe place for experimentation
 - For many, this could be a permanent home

Questions?