



Interoperation of DNS-SD names under different resolution conventions

Andrew Sullivan

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Reminder: what is the problem?

- **DNS-SD works with more than one resolution system**
- **DNS uses the IDNA2008 conventions for many delegations**
 - **Especially near the top**
- **Other resolution systems might not**
- **If these are supposed to work together, we need to pick a common denominator convention**

Is this really a problem?

- If your domain name is under (say) 游戏 or pφ, then you will be looking up A-labels when going to the DNS
- If your domain name is registered inside an ICANN-governed TLD (which is all gTLDs and many ccTLDs), you will be looking up A-labels when going to the DNS
- Domain names lower in the tree need not be governed by this convention, but non-IDNA domains could surprise users if they try to use them outside DNS-SD

-00 to -01

- **Try to be as neutral as possible about different resolution technologies (but mDNS is still main example)**
- **De-emphasise distracting issue of system-wide resolvers**

WGLC comments so far

- Doug Otis has provided many comments
- Seems to be arguing that DNS-SD should not be used in the public DNS
- Most recent post (see <http://www.ietf.org/mail-archive/web/dnssd/current/msg00741.html>) argues that this could be solved with special-use name
- I'm not sure how that is relevant, but for the WG to decide