

DNS Discovery Update

draft-ietf-ipv6-dns-discovery-04.txt

Dave Thaler
dthaler@microsoft.com

Status as of last meeting

- Refined two levels of functionality
 - Level 1:
 - Deployable now, no protocol needed
 - Just use defaults
 - Level 2:
 - Supports more complex configurations
 - Requires protocol work
- Lack of consensus how to do L2
- Push from customers to get at least L1 ASAP

Changes since last time

- Draft now concentrates *only* on Level 1 Compliance
- Level 2 Compliance moved to appendix
 - (Short) general discussion of typical parameters used by hosts remains in main draft
- Removed most discussion of anycast (left to future study)
- Removed most discussion of MDNS (left to MDNS draft)

Level 1 Compliance

- DNS Server List: { fec0:0:0:ffff::1, fec0:0:0:ffff::2, fec0:0:0:ffff::3 }
 - Compatible with other draft reserving SLA=ffff for IANA assignments
- Own domain name: MAY do a PTR lookup on fec0:0:0:ffff::1 and use domain name in NS record
- Search path: same as today (e.g., computed from own domain name)

Proposal

- Finish cleaning up draft (e.g. probably remove “stateless” wording)
- Remove appendix, leaving Level 2 for future work
- Publish Level 1 as RFC (what status?)

This document was created with Win2PDF available at <http://www.daneprairie.com>.
The unregistered version of Win2PDF is for evaluation or non-commercial use only.