

IETF Update

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DNS WG

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IETF DNS related WGs

- DNS Extensions
<http://tools.ietf.org/wg/dnsext/>
- DNS Operations
<http://tools.ietf.org/wg/dnsop/>
- ENUM
<http://tools.ietf.org/wg/enum/>
- DNS-based Authentication of Named Entities
<http://tools.ietf.org/wg/dane/>

More IETF WGs, less DNS related

behave deals with NAT and v4/v6 migration and coexistence

mif deals with devices with multiple interfaces

provreg closed, but recent activity around EPP extensions for sunrise and landrush

DNSEXT

- IDN variants – requirements, anyone?
 - How does *same user experience* translate into technical criteria?
- resolver optimization
 - aggressive negative caching (synthesize NXDOMAIN)
 - re-assure delegation info at the resolver
 - explicit type NS queries to increase *credibility*
 - local optimization vs standards vs architecture

DNSOP

- RFC 4641bis – DNSSEC Practices
- RFC 6168 *Requirements for Management of Name Servers for the DNS*
- AS112 documents mostly done, new work on the doorstep

ENUM

- Final round of documents published
- WG about to be closed
- covered in more detail during ENUM WG Thu afternoon

DANE

- put certificates (or pointers to) into the DNS, so you can „trust“ them
- integrate into TLS processing (migration and coexistence, eh?)
- work on use cases (draft in WG last call)
- work on protocol (RR type and more)

? / !