

IETF67 dnsop Report

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DNS in the IETF

- dnsext
DNS *on-the-wire* protocol, extensions, DNSSEC
- dnsop
DNS operations (BCPs), use of DNS
- enum
ENUM core protocol, ENUM services
- . . .

IETF dnsop

- <http://tools.IETF.ORG/wg/dnsop/>
- in scope:
 - DNS general operations issues, [best practices](#)
 - implementation independent configuration guidelines
 - use of DNS in other protocols
- out of scope:
 - particular configuration issues
 - troubleshooting, incident handling
 - bug reports

dnsop: current work

- **ORNS:** *Preventing Use of Recursive Nameservers in Reflector Attacks*
- *AS112 in a Box — Locally-served Zones*
- *DNS Response Size Issues*
- *Considerations for the use of DNS Reverse Mapping*
- *Anycast Server ID requirements*
- *Use of EDNS0*
- *6to4 reverse mapping*

dnsop: (maybe) future work

- AS112 documentation
- TTL considerations for infrastructure RRsets
- DNS search path issues
- Classless Delegation update
- Benchmarking and performance
- DNS query patterns in application protocols

Recent RFCs

RFC 4472 *Operational Considerations and Issues with IPv6 DNS*

RFC 4641 *DNSSEC Operational Practices*

RFC 4697 *Observed DNS Resolution Misbehavior*

