

# DNS Operations at the IETF

*and maybe elsewhere ...*

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## DNS Operations WG

- Chartered with *operational* aspects
- WG mailing list  
<http://www1.ietf.org/mail-archive/web/dnsop/>
- WG tools site  
<http://tools.IETF.ORG/wg/dnsop/>  
<http://www.DNSOP.ORG/>

## Recently Published

- [RFC 4892](#)  
*Requirements for a Mechanism Identifying a Name Server Instance*
- *DNS Name Server Identifier Option (NSID)*  
draft-ietf-dnsext-nsid-02.txt at the RFC Editor
- Will allow to gather in-band information that can be used to identify a particular instance in an anycast cloud

## Awaiting Approval/Publication (1)

- *6to4 Reverse DNS Delegation Specification*
- `draft-huston-6to4-reverse-dns-07.txt`
- Documenting NRO Service at <https://6to4.nro.net>

## Awaiting Approval/Publication (2)

- *Preventing Use of Recursive Nameservers in Reflector Attacks*
- `draft-ietf-dnsop-reflectors-are-evil-04.txt`
- Recommendations to [Vendors](#) and [Operators](#)

## AS112 related

- How to deal with RFC 1912 debris
- *Locally-served DNS Zones a.k.a. AS112 in a Box*  
`draft-ietf-dnsop-default-local-zones-02.txt`
- *I'm Being Attacked by PRISONER.IANA.ORG!*  
`draft-ietf-dnsop-as112-under-attack-help-help-00.txt`
- *AS112 Nameserver Operations*  
`draft-ietf-dnsop-as112-ops-00.txt`

## Active Work Items

- *DNS Referral Response Size Issues*  
draft-ietf-dnsop-respsize-07.txt
- *Considerations for the use of DNS Reverse Mapping*  
draft-ietf-dnsop-reverse-mapping-considerations-02.txt
- *Initializing a DNS Resolver with Priming Queries*  
draft-ietf-dnsop-resolver-priming-00.txt
- *DNSSEC Trust Anchor Configuration and Maintenance*
- *Measures for making DNS more resilient against forged answers*  
draft-ietf-dnsext-forgery-resilience-00.txt

## Near Future Topics

- Name Server Configuration and Management (Protocol) Requirements
- Infrastructure TTLs
- *The Universal Deployment of EDNS0*

where EDNS0 is a bad synonym for *larger payloads*



## What's RIPE Doing?

- RIPE Meeting 54 Plenary endorsed RIPE DNS WG Motion
- Request: *Dear ICANN, Please Get the Root Signed!*  
careful, this is different from *Sign the Root*
- Also setting up a Task Force to explore a **Trust Anchor Repository**

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