

DNS Operations and IETF

Ripe 87
29 November 2023

DNS Operations (DNSOP) Working Group

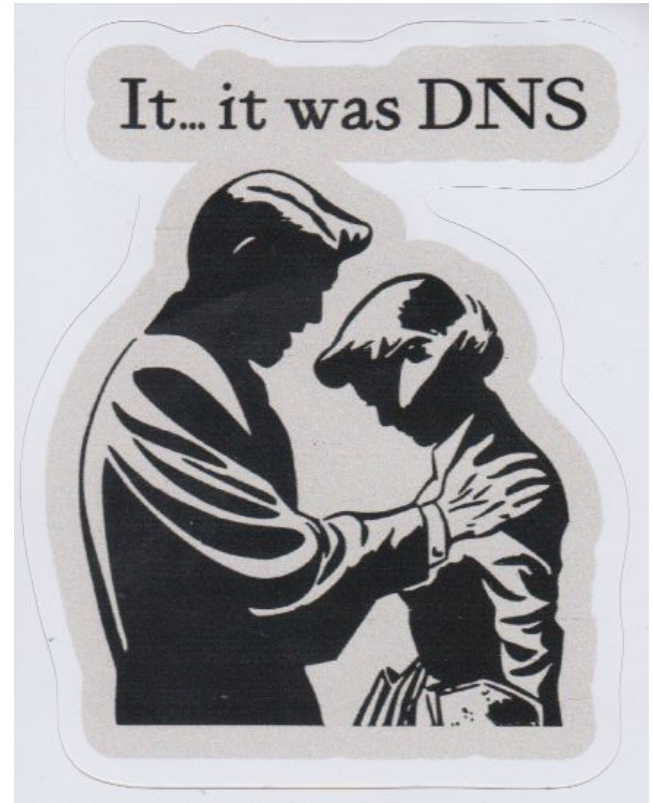
Your Co-Chairs

Tim Wicinski (me)

Benno Overeinder

Suzanne Woolf

(Do not blame Benno or Suzanne for any of this talk!)

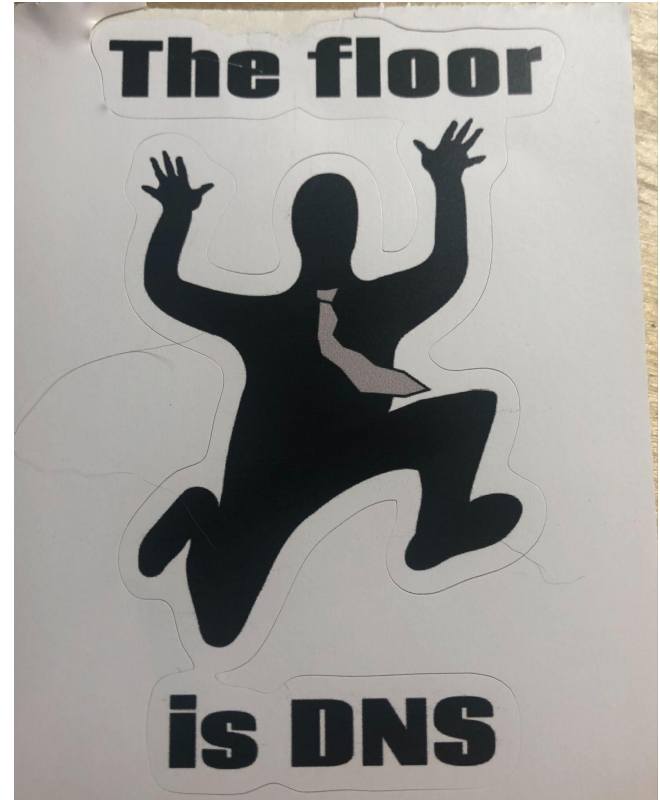


The DNS never sits still

Currently 15 working group documents in various stages.

Seven RFCs published in last 2 years.

How to view all the work - from different "Views"



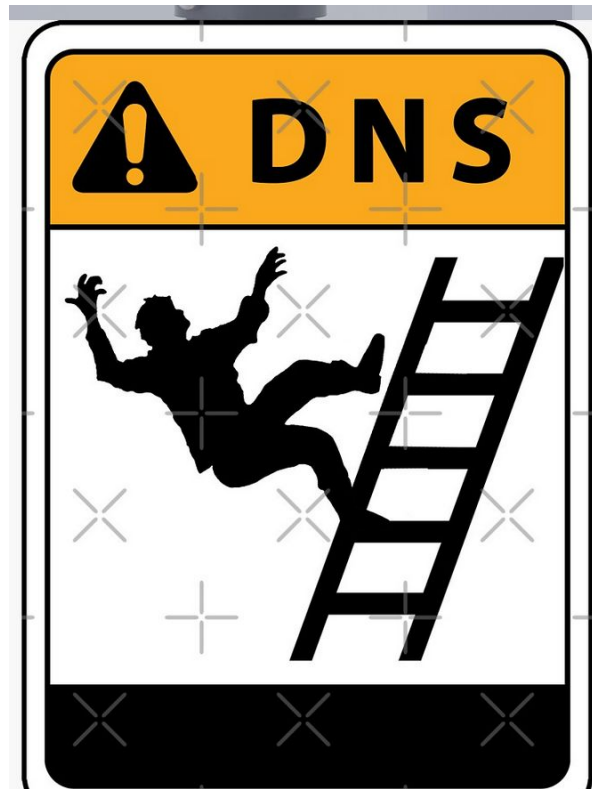
Scaling / Improving DNS from Zone Operator's View

[Catalog Zones](#) RFC 9432

[Caching Resolution Failures](#)

[ZoneVersion](#)

[Extended DNS Errors](#) RFC 8914



Scaling / Improving Zone Operators DNSSEC Deployment

[Multi-Signer DNSSEC Models](#) RFC 8901

[DNSSEC Automation](#)

[DNSSEC Bootstrapping](#)

[CDS Consistency](#)

[NSEC3 Parameter Settings](#) RFC 9276



Scaling / Improving DNS from Application User's View

[Domain Verification Techniques](#)

[SVCB](#) RFC 9460

[Structured DNS Errors](#)



SRV



SVCB

Improving DNS from Root/TLD Operator's View

[Zone Digest](#) RFC 8976

[Priming Queries](#)

[Trust Anchors](#)

Updating / Improving DNS Standards View

[DNS Terminology Updates](#)

[DNS Glue Requirements](#) RFC 9471

[DNSSEC BCP](#) RFC 9364

The Many "Views" of DNS

Zone Operator's/Implementers

Application / End Users

Root / TLD Operators

DNS Standards

Willem had this great idea on one or more fancy Venn Diagrams.

Sadly, I failed him and all of you.

Thanks for Listening!