

OARC 42
Charlotte, NC, USA
February 2024

Welcome & Information

Phil Regnault

DNS-OARC



DNS-OARC

Domain Name System Operations Analysis and Research Center



OARC 42

Life, the Universe, and DNS

CHARLOTTE, NC, USA
8-9 FEBRUARY 2024



DNS-OARC

2024 Workshops Patron



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VERISIGN[®]

OARC 42 DELUXE+ Sponsor



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VERCARA



Securing the Online Experience

OARC 42 Social Event Sponsors



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DNS-OARC

Hybrid Event



- DNS-OARC Conduct Policy
 - <https://www.dns-oarc.net/oarc/policies/conduct>
- **Workshop is being recorded**
 - OARC 42 Privacy Policy <https://www.dns-oarc.net/oarc42>
 - *YouTube: @DNSOARC*
- Social media hashtags

#LoveDNS

#OARC42

#LifeUniverseandDNS

On-site Information

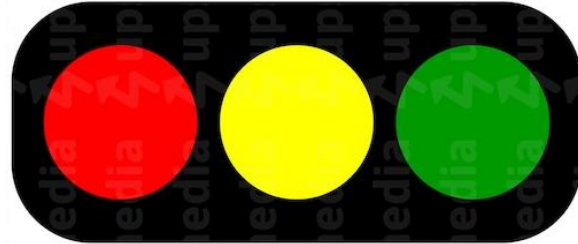


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- Wi-Fi: SSID **DNS-OARC**
 Password **OARC-Workshop**
- Food & Drink
- Toilet locations
- Emergency procedures

COVID-19 Precautions

- Pay attention to other Participants' color code for contact



- **If you feel unwell**
 - Let staff know
 - Isolate
 - Attend remotely (remote attendance link will be provided)

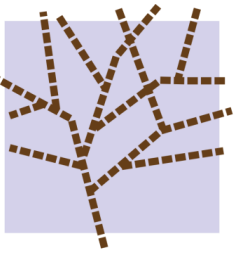
Mattermost Chat



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- Access / sign-up <https://chat.dns-oarc.net/>
- Petr will give more details on remote participation

MastoDNS!



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- <https://mastodns.net>
- Follow [@dnsoarc@mastodns.net](https://mastodns.net/@dnsoarc)
- Follow [@oliphaunt@mastodns.net](https://mastodns.net/@oliphaunt)



OliPhaunt

Sponsor presentation



- Will be at 1:45 PM today
- During last 1/3rd of the Lunch Break



OARC Team @ OARC 42



- In Charlotte

- Staff: Phil, Denesh, Jerry, Mike, Steve
- PC: Petr, Suzanne, Ben, Puneet
- Board: Joao, Ray, Shumon

- Online

- Staff: @rbcapetro
- PC: @hazelesque, @cathy-a, @jtodd, @r.sommese, @suzanne_pir, @tijay
- Board: @Benno, @Jabley, @jake.zack

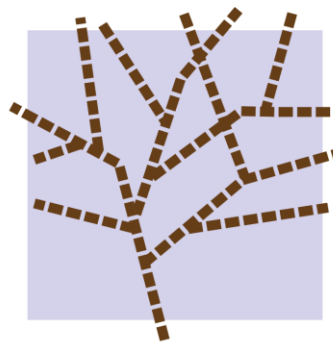
In-person Social



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Will be held at **Fahrenheit** – one block away from this venue

Time: 6 PM – 8:30 PM



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OARC Update



DNS-OARC

Domain Name System Operations Analysis and Research Center

OARC's Mission Statement



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The Domain Name System Operations Analysis and Research Center (DNS-OARC) is a nonprofit, membership organization that seeks to improve the security, stability, and understanding of the Internet's DNS infrastructure.

OARC's Mission Statement

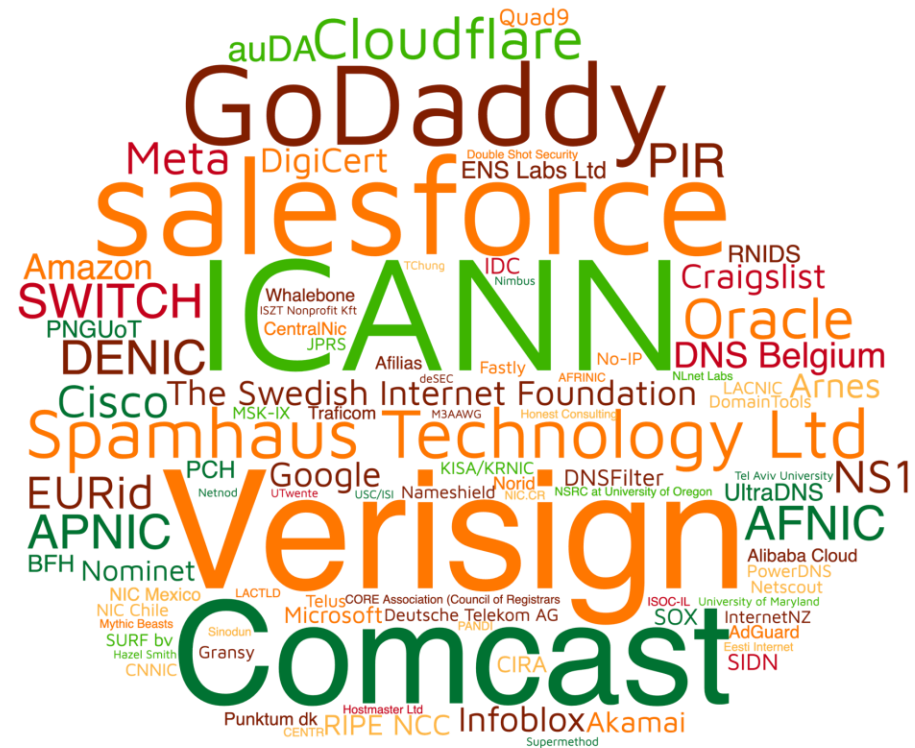


- Promote and conduct research with operational relevance through data collection and analysis
- Offer useful services and tools
- Build relationships among its community of members
- Facilitate an environment where information can be shared responsibly
- Enable knowledge transfer by organizing open workshops
- Increase public awareness of the DNS's significance

OARC's Members



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ISC
NIC.br

ISOC
US ARMY
NIC.AT
CZ.NIC

BYU
NASA

WIDE
DISA

CAIDA

Since OARC 41...



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- Leadership transition: new President
- Thanks to Keith Mitchell for 17 years of service!
- New Board and Programme Committee

Since OARC 41...



- Initiated the DITL data explorer project (thanks to **Verisign**)
- Ongoing migration of OARC data sets to the new cluster
 - Over 750 TB

Since OARC 41...



- New releases of OARC maintained tools (*dsc*, *dnsperf*, *dnscap*,...)
- Ongoing improvements to our Member Portal
- AS112 website automation and re-vamp, funded by ARIN
- Finalized replacement of our main Fremont site router
 - No more IPv6 reachability issues for dnsviz (among others)

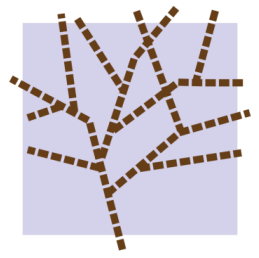
Future events



- OARC 43
 - To be co-located with ICANN IDS
 - Date and location yet to be announced
 - Very likely **not** Europe or North America
- Please consider supporting an OARC workshop via Sponsorship, Patronage, or a donation:

<https://www.dns-oarc.net/workshop/patronage-sponsorship>

2023 – 2024 Board



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- João Damas (Chair)
- Joe Abley (*Treasurer*)
- Ray Bellis (*PC Liaison*)
- Shumon Huque
- Benno Overeinder
- Jake Zack

2024 Programme Committee



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- Petr Špaček (Chair)
- Hazel Smith (Chair)
- Ben Schwartz
- Cathy Almond
- John Todd
- Puneet Sood
- Raffaele Sommese
- Suzanne Woolf
- Tijay Chung

Why Become an OARC Member?



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- Access to and participation in the world's premier community of DNS technical experts
- Influence development of open tools and services to support your infrastructure operations
- Ability to share and analyze a unique dataset perspective into global DNS operations
- Use of community co-ordination resources to respond to incidents and threats
- Support a trusted neutral party free of vested interests in the DNS space

OARC's Value Proposition



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“I would attend DNS-OARC conferences for the hallway track alone. Not because of the coffee, but because of all the super welcoming peers who are always willing to help me with their insights and knowledge.”

“OARC is a unique venue that brings together DNS vendors, operators of DNS services and researchers -the workshops provide a unique and valuable insight into the current state of the art of the DNS”

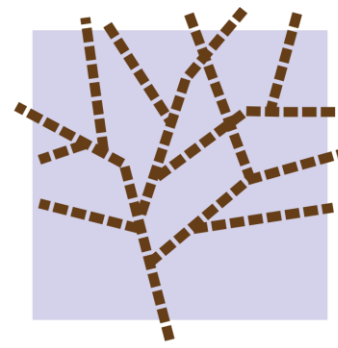
Wrap up



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- Help newcomers feel welcome and understand what makes OARC the great community it is!
- To our OARC Members and Supporters, 2024 Workshop Patron **Verisign**, Programme Committee, Speakers, and all of you who signed up to attend, in person or remotely:

THANK YOU!



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Denesh Bhabuta



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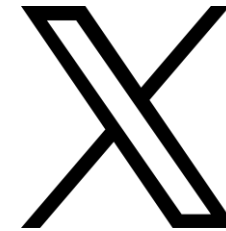
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Let's chat, collaborate, and listen

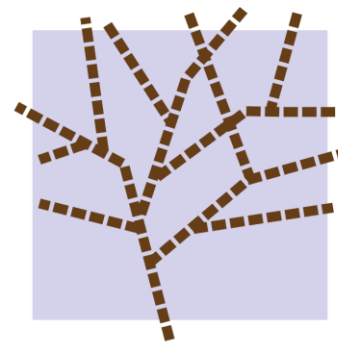


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- Staff, PC, Board, Mentors
- Share your opinions and questions
- Connect with people you meet
- Follow the OARC blog, and social media



#LoveDNS #OARC42 #LifeUniversandDNS



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Petr Špaček






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OARC 42 Participation



- Mattermost Workshops channel <https://chat.dns-oarc.net/>
 - Q&A
 - Talk rating polls   
 - General discussion

- Q&A – Name and affiliation
 - Microphone
 - Mattermost #questions – Q&A Monitor asks on your behalf

Lightning Talks



- 30-40 minutes in the final session Friday 9th February
 - 5-10 minutes per talk. No Q&A

- Abstract submissions close 17:00 ET TODAY (8th February)
 - Call for Presentations @ <https://www.dns-oarc.net/oarc42>
 - PC will select and notify speakers