

# OARC 30

12-13 MAY 2019

BANGKOK, Thailand

ALSO IN  
BANGKOK

**GDD INDUSTRY SUMMIT**  
6-9 MAY 2019

ROW  
9 MAY 2019



**ICANN DNS SYMPOSIUM**  
10-11 MAY 2019

**HOST SPONSOR**



**PROMOTER PATRON**



**ASSOCIATE SPONSOR**



**CONTRIBUTOR SPONSOR**



**IN-KIND SPONSOR**



# DNS-OARC Status Report

**Keith Mitchell, President**  
**OARC30**  
**May 2019**

# 2018-9 Achievements

- OARC29 Amsterdam biggest workshop ever, jointly with CENTR-Tech
- Special DITL for Root KSK rollover
- Verisign funding of RSSAC DNSCAP anonymization
- NIC.AT funding of DSC response time indexer
- Budgetary surplus (~5%) for 2018



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# 2018-9 Achievements

- Implemented new Member portal website
- Fremont core site re-build
- The new home for *DNSVIZ* and *dnsperf*
- DITL 2019 data gathering completed
- New releases of *dsc-datatool*, *dnsjit* and *drool*
- Bi-annual Board retreat and Staff all-hands
  - strategy and plan for 2019→



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# Welcome New Members!

(since OARC29 ⇒ May 2019)

## Participant

## Level

PIR

Bronze

Deteque - Spamhaus

Bronze

Ofcom

Bronze/Supporter

Toybox

Blue

SOX

Supporter

NSRC/U of Oregon

Supporter

IIFON

Supporter

# Member Upgrades!

- CIRA Upgraded to Silver
- Akamai upgraded to Gold
- *Thank You!*

# Member Non-Renewals:

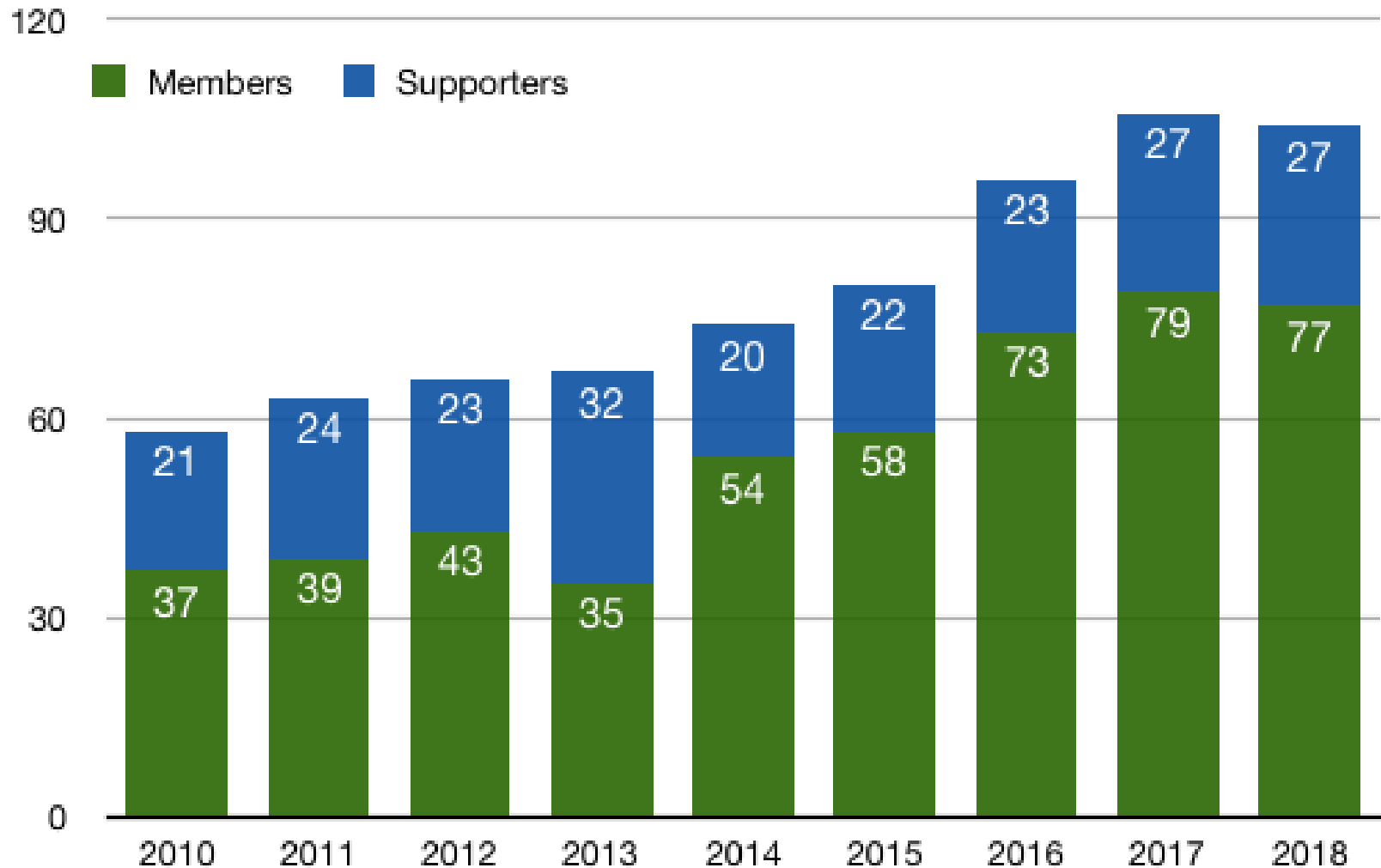
- CORE Bronze
- JAS Advisors Bronze
- and six non-contributing Supporter-level Participants



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## OARC Members and Supporters Growth



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# Strategic Challenges

- Almost net zero growth in paying new Members
- Despite strong macro-economic conditions, tech industry structure is changing with much consolidation, privacy concerns
- Workshop sponsorship is also more challenging to secure
- Limited execution capability makes us vulnerable to unexpected externalities (banks, visas...)
- Supporters who do not contribute require pro-active policing
- Costs have however been contained to track below-budget revenue



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# Retreat Strategy Outputs

- Conservative strategy for challenging environment, positioned:
  - to build on stable base
  - for opportunistic growth
  - to retain membership
- Diversification of revenue sources:
  - to mitigate risks of industry consolidation
  - explore non-membership based revenue from new/un-bundled/premium services
  - improve differentiation between membership tiers
  - review/adapt Member value proposition



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# Finance Strategy Targets

- 2018 saw (*unaudited*) \$39k surplus on \$778k revenue
  - very similar to 2017
- 2019 target is for ~5% revenue increase to \$815k
- Aim for \$900k revenue by 2021
  - at least 10% of which should come from diversified services
- Cash reserves of 6 months' worth of operations by 2022
  - Reserves Policy updated to clarify this is in addition to subscriptions deferred liabilities



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# Diversified Services

- Premium DNSVIZ: monitoring, alerting
- Premium analysis resources
- >2 workshops/year
- Workshop add-ons, pre-pay
- Software support contracts
- Member site visits
- Portal as a Service



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# New Member Portal

- Ancient decade+old PERL thing overdue for its pension...
- Jerry has completely re-implemented using modern platform:
  - microframework *Flask* for server-side
  - *bootstrap* for GUI
- More flexible data model will allow us to expand participant categories and integrate new services
- <https://dev.dns-oarc.net/portal2-beta> until end May - please check out at demo desk and test !



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# Board and PC

- Board has created 2 new sub-committees:
  - Audit
  - Privacy
- 3 Board Directors will be up for rotation at October AGM
- Board will select 2020 Programme Committee during Q4 2019
- Please let us know if you are interested in serving !
- Leadership roles being documented



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# OARC Office

- OARC needs a physical address of record for mail
  - banks, tax etc getting increasingly picky about this
- Also place to store our paper archives, gear
- We are exploring moving more of our legal entity presence from California to Indiana to streamline admin, audit etc
- c/o PIN Bureau  
Suite 101 #5  
325 S College Ave  
Indianapolis  
IN 46202, USA
- Payments should go to:  
Belmont CA PO Box &  
**Chase** bank account



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# OARC Workshops

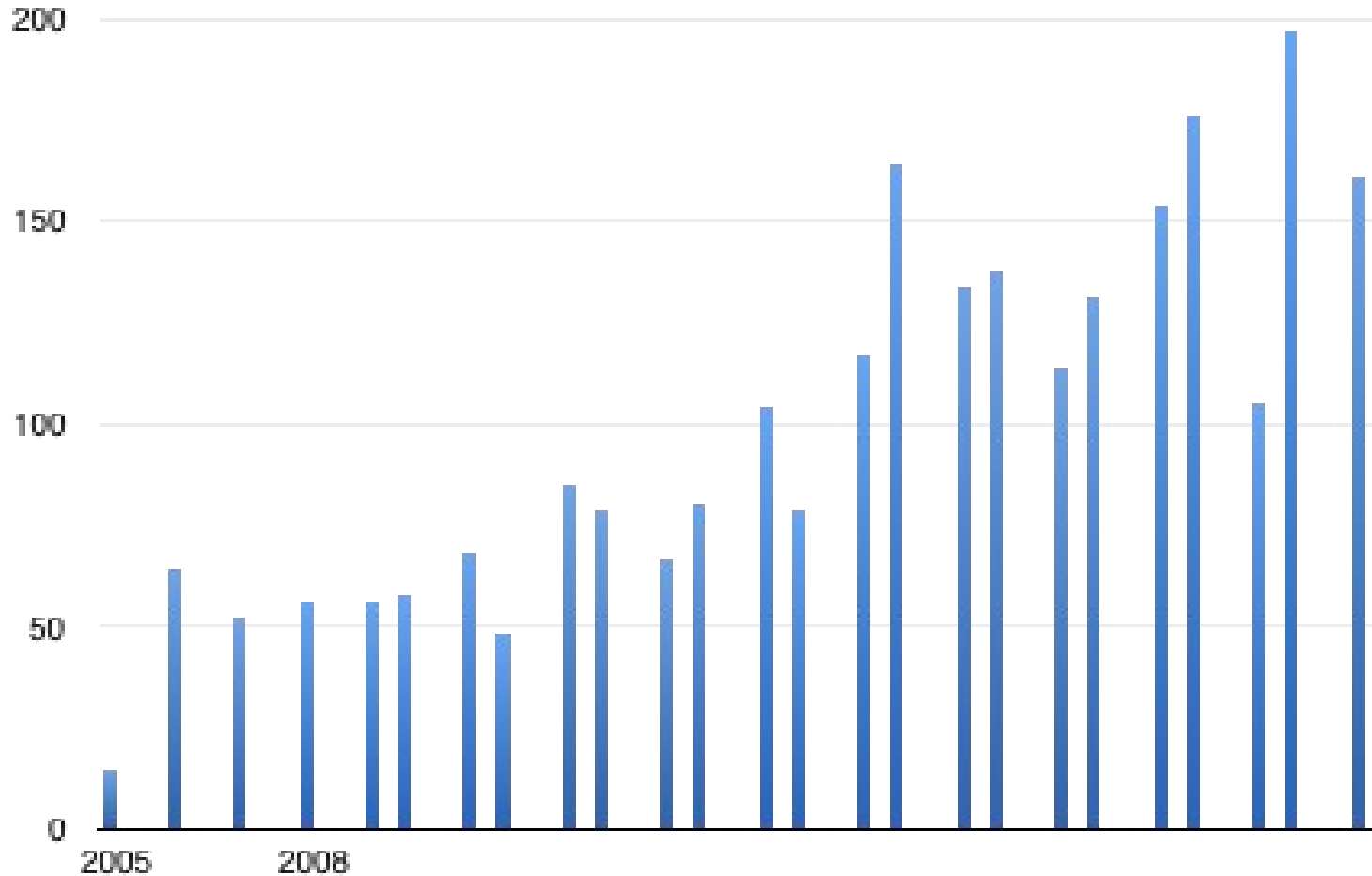
- Registration charging introduced for all attendees for OARC29
- New Registration charging policy:
  - Complimentary, Discounted, Standard, +Late
- Appears to have worked well for OARC29
- OARC30 free to all thanks to ICANN hosting
- OARC31 onwards charging will be as for OARC29
  - may vary where we have Host organizations
  - makes doing more workshops/year viable
- **Thank you** for your strong support in making OARC workshops more sustainable



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# Workshop Attendance



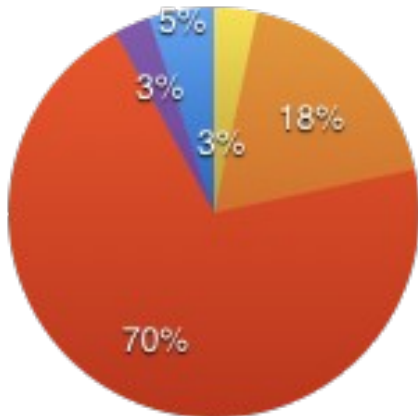
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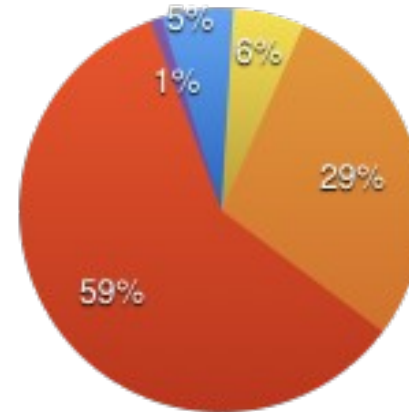


# Attendance by region

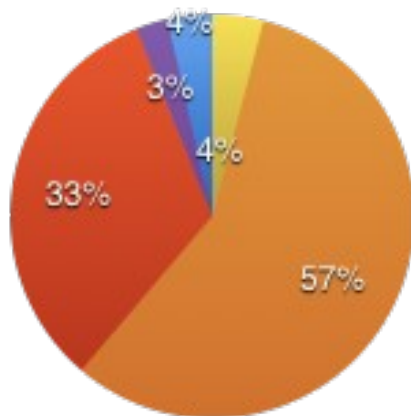
OARC 27 / NANOG SJC



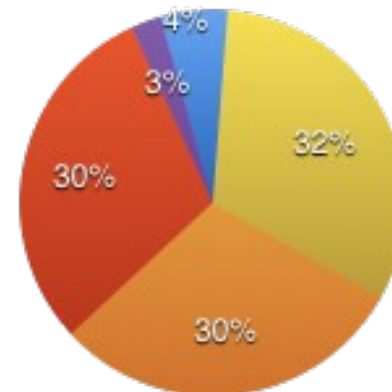
OARC 28 / ICANN SJU



OARC 29 / RIPE AMS



OARC 30 / IDS BKK



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# OARC Workshops

- Currently we do 2 workshops per year, 2 days long
- Co-location with RIPE/NANOG/ICANN meetings:
  - saves attendee time and \$\$\$\$ costs
  - overlapping operational communities, outreach
- Ad-hoc rotation demands more OARC resources to plan and host
- We would like to go to 2 \* 2-day, plus 1 \* 1-day workshops per year
- This will allow us to co-locate at each of the above events, once per year, at same time of year
  - e.g. Feb/May/Oct
- Will significantly simplify planning for us and our partners



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# Future Workshops

- OARC31
  - Oct 31<sup>st</sup> – Nov 1<sup>st</sup> 2019
  - Austin, Texas
  - Co-located with NANOG77 and ARIN44
- OARC32/32bis/33
  - looking at Feb/May/Oct 2020
  - e.g. NANOG/IDS/RIPE



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# 2019 Plans

- New Member Portal into service during Q2
- Modernize/automate systems management
- Service diversification offerings
- Upgrade analysis capacity/cluster
- Evolve future-proof storage architecture
  - *figure out how to fund this..*
- Privacy Policy
- Member referral and multi-year discount plans
- 1<sup>st</sup> Jan 2020 proposed inflation-index based fee increase



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# Why Become an OARC Member ?

- 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



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# Questions ?



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