DNS-OARC

ARIN46 Meeting

14 Oct 2020

Community Grant Report

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President

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OARC's Mission

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

DNS-OARC's mission is to:

- *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*

* including in-addr.arpa !

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Domain Name System Operations Analysis and Research Center

OARC's Members

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Software Projects

- ARIN grant has funded the development and maintenance of many of our open-source tools:

  - DNSTAP (tinyframe/dnswire), dnsmeter, dnsperf, dnsjit, drool, dsc, dnscap, packetq, DNS Flag Day tester
  - automated package building system completed
  - for testing, measurement, interoperability, performance, telemetry, data gathering/capture
  - helping the DNS be better understood and to work more effectively

- Additional software development funded by OARC Member subscriptions, and other grants & donors

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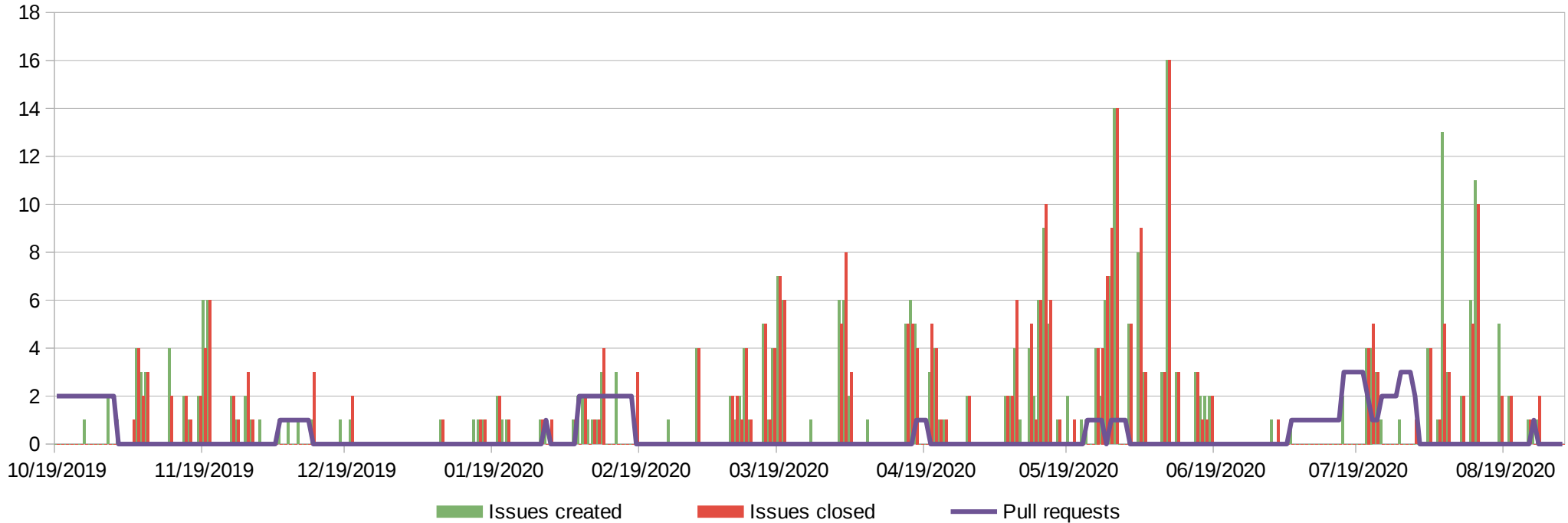Domain Name System Operations Analysis and Research Center

Releases

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Issues and Pull Requests

More Information

https://www.dns-oarc.net/oarc/software

- Funding development, licensing policy, links to GitHub project pages and mailing lists
- Contact: Jerry Lundstrom, OARC's Software Engineer, jerry@dns-oarc.net
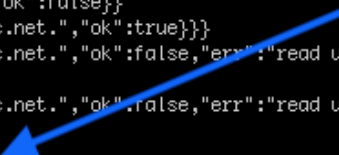
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Check My DNS + RPKI origin validation

cmdns-cli -checks trans_rpkiv4 -res 127.0.0.1:53 -done

Thanks to Job Snijders (NTT) for the ROA beacons!

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