2021 IANA Numbering Services Review Committee Report

Date: 10 March 2022

# Introduction

## Background

In 2016, the Internet Number Community (“The Community”) proposal to the IANA Stewardship Coordination Group (“ICG”) on the IANA Stewardship Transition called for a review committee to be established. The committee was to be comprised of community representatives from each Regional Internet Registry (“RIR”) region. Their function is intended to advise RIRs on the IANA Functions Operator’s performance and adherence to the service level agreement (“SLA”).

The IANA Numbering Services Review Committee (“RC”) was established in October 2016 with representatives from all five RIR regions.

# About the IANA Numbering Services Review Committee

## Role of The Committee

The RC’s role is to advise and assist the Number Resource Organization Executive Committee (“NRO EC”) in a periodic review of SLA compliance for the IANA-supplied Numbering Services (“The Services”) provided to The Community.

The RC submits an annual report of its findings to the NRO EC.

## Website and Proceedings

The RC website and proceedings including meeting archives are found at: <https://www.nro.net/iana-numbering-services-review-committee/>

## Charter

The charter of the RC is found at: https://www.nro.net/review-committee-charter-final

## Composition and Members of the RC

The RC is comprised of three representatives from each RIR region.

### AfriNIC:

* Saul Stein– Community
* Mike Silber – Community
* Madhvi Gokool – RIR Staff

### APNIC:

* Bertrand Cherrier – Community
* Satoru Tsurumaki – Community
* Guangliang Pan – RIR Staff

### ARIN:

* Chris Quesada – Community
* Martin Hannigan – Community (Chair)
* John Sweeting – RIR Staff

### LACNIC:

* Nathalia Sautchuk Patrício – Community
* Sergio Rojas – Community
* Ernesto Majó – RIR Staff

### RIPE:

* Filiz Yilmaz – Community
* Nurani Nimpuno – Community (VICE CHAIR)
* Marco Schmidt - RIR Staff

# Methodology

## Period Covered

This review covers The Services delivered during the previous operating year, which was January 1, 2021, through December 31, 2021.

## Community Input

The RC openly sought Internet number community input on the Services SLA performance through a 30-day comment period following the posting of the RIR review matrix through email to iana-performance@nro.net.

Notice of the 30 day comment period was publicly posted on the [NRO web site](https://www.nro.net/call-for-public-comments-on-the-2020-iana-performance-matrix-summary-report/), and announced on the five RIR announcement mailing lists:

* AfriNIC: announce@afrinic.net
* APNIC: apnic-announce@lists.apnic.net
* ARIN: arin-announce@arin.net
* LACNIC: anuncios@lacnic.net
* RIPE: ripe-list@ripe.net

(See Appendix 2 for links to each announcement message.)

RC members are encouraged to interact with their respective communities about The Services.

## Data Sets

### RIR IANA Numbering services review Matrix

RIR review Matrix: <https://www.nro.net/wp-content/uploads/2020-RIR-IANA-summary-report.pdf>

Monthly IANA reports:
<https://www.iana.org/performance/numbers>

RIR summary of The Services operator’s annual performance from RIR Matrix:

*The Regional Internet Registry (RIR) staff have reviewed the IANA performance reports for 2020 and confirm that the Service Level Agreements (SLA) were met 100% of the time in all cases. The five AS number requests submitted during March, May, October, and November fully met the expectations of the RIRs and were executed within the aagreedtoterms of our SLA with no issues to note. The RIRs recognize the flawless execution of IANA services in 2020.​*

### Community Input Regarding the Services Matrix

The RC notes that one comment was received in the public comment period supporting the conclusion that the SLAs for the IANA numbering services have been met 100%.

The full comment is included in Appendix 2.

# Conclusion

The RC evaluated the Data sets in Section 3 and observed that:

* Five ASN allocations were requested – one during March by AFRINIC, one during March by RIPE NCC, one during May by LACNIC, one during October by APNIC, and one during November by ARIN.

All requests were fulfilled accurately and on time.

There have been reported or observed issues related to The Services operator’s ability to meet its obligations under the SLA.

The Internet numbers community has not raised concerns regarding the SLA compliance of The Services operator or its ability to perform its function.

The RC reports sufficient community outreach and community involvement supporting and enhancing the multistakeholder model in a transparent, open, and bottom-up process in its review of The Services operator.

The RC concludes that the performance of the IANA Number Services Operations is within the SLA and requires no further examination.

# References

* IANA Numbering Services Review Committee website: <https://www.nro.net/iana-numbering-services-review-committee/>
* IANA number resource services performance reports: <https://www.iana.org/performance/numbers>
* RIR IANA Numbering Services Review Matrix: <https://www.nro.net/wp-content/uploads/2020-RIR-IANA-summary-report.pdf>
* The Service Level Agreement (SLA) for the IANA Numbering Services: <https://www.nro.net/wp-content/uploads/SLA-Executed-ICANN-RIRS.pdf>
* The IANA Stewardship Transition Proposal: <https://www.ianacg.org/icg-files/documents/IANA-transition-proposal-final.pdf>
* Community input on RIR IANA Numbering services review Matrix:
<https://nro.net/pipermail/iana-performance/2021-February/000001.html>

# Appendices

## Appendix 1. RIR IANA Numbering Services Review Matrix

<https://www.nro.net/wp-content/uploads/2020-RIR-IANA-summary-report.pdf>



## Appendix 2. Community input

Notice of the 30 day comment period was publicly posted on the NRO website[,](https://www.nro.net/call-for-public-comments-on-the-2018-iana-performance-matrix-summary-report/) and announced on the appropriate RIR announcement mailing lists:

* NRO announcement: <https://www.nro.net/call-for-public-comments-on-the-2020-iana-performance-matrix-summary-report/>
* AFRINIC announcement: <https://lists.afrinic.net/pipermail/announce/2021/002266.html>
* APNIC announcement: [https://mailman.apnic.net/mailing-lists/apnic-announce/archive/2021/02/msg00001.htm](https://mailman.apnic.net/mailing-lists/apnic-announce/archive/2021/02/msg00001.html)
* ARIN announcement: <https://lists.arin.net/pipermail/arin-announce/2021-March/002505.html>
* LACNIC announcement: <https://mail.lacnic.net/pipermail/anuncios/2021-February/001334.html>
* RIPE announcement: <https://www.ripe.net/ripe/mail/archives/ripe-list/2021-February/002003.html>

All collected community comments in a raw, unedited format can be found online:

<https://nro.net/pipermail/iana-performance/2021-February/000001.html>

These comment(s) are also included below: (Personally identifiable information has been redacted.)

### Comment 1:

From: Lars-Johan [email redacted]

Date: Mon Feb 8 13:20:07 CET 2021

Subject: [Iana-performance] Positive feedback on the 2020-RIR-IANA-summary-report.

Hello!

I happen to be both a RIPE member and the current chair of the ICANN

Customer Standing Committee that audits the PTI when it comes to its

performance as administrators of the DNS root zone.

I'd just like to concur with your assent for the PTI and their work to

fulfill the IANA contract. See this as a "+1" from me. Your summary

matches quite well what we in the CSC see on the domain name side. We

see "100 %" all over the field, with only the occasional minor breach.

Those are counted in the singles, and in most cases, it's down to SLAs

that weren't thoroughly tested before being put into operation.

We also find the PTI very approachable and accomodating, and we have a

very good dialogue with them.

If you and the NRO community share my positive views, I hope you share

them also with the PTI. It's easy to forget to convey appreciation for

good work and to focus only on criticizing when improvement is needed.

 Best regards,

 /Lars-Johan Liman

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