IANA Numbering Services Review Committee Report 2020

Nurani Nimpuno, IANA RC Vice Chair

Background

IANA Stewardship transition in 2016

The IANA Numbering Services today managed through an SLA between ICANN and the five RIRs

The proposal also called for the establishment of an IANA Numbering Services Review Committee (IANA RC) to advice and assist the RIRs in the review of the IANA Numbering Services.
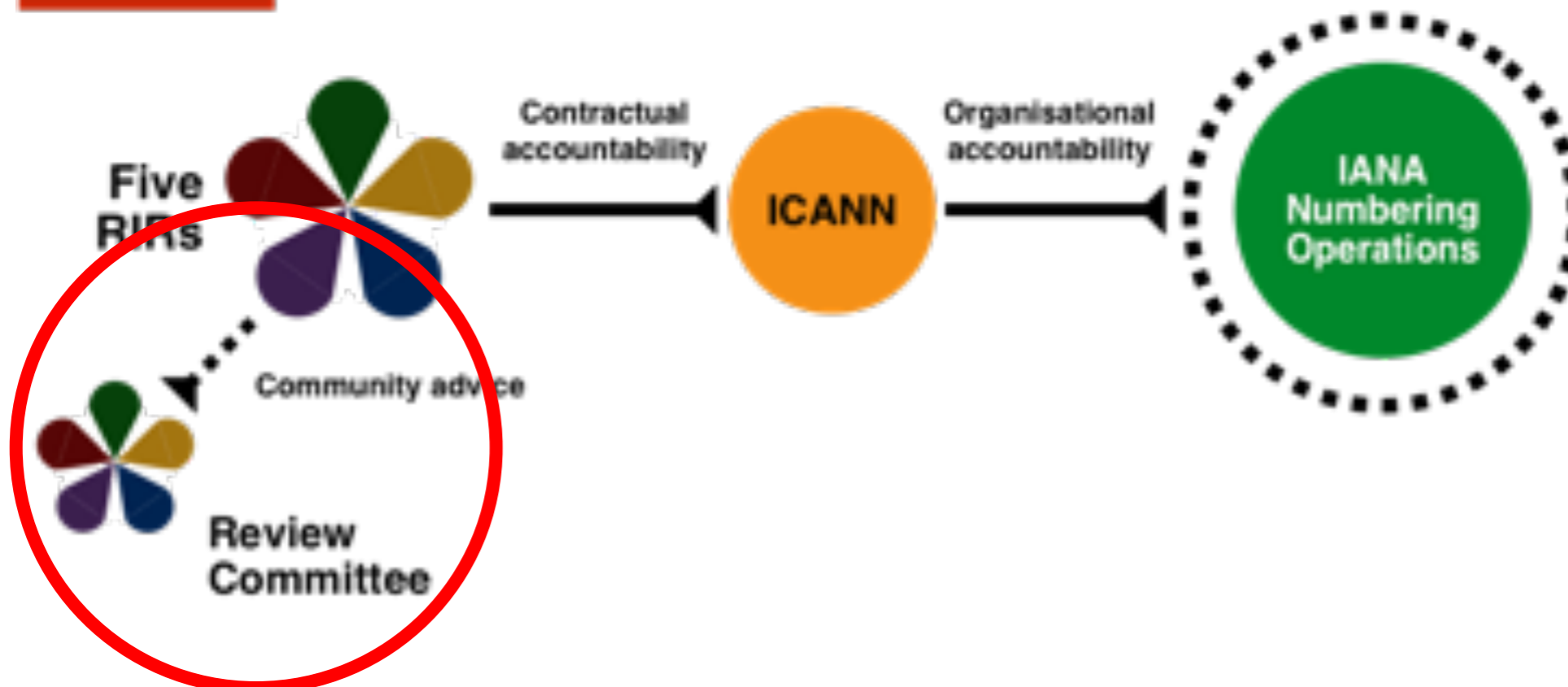
https://www.nro.net/iana-oversight/archive
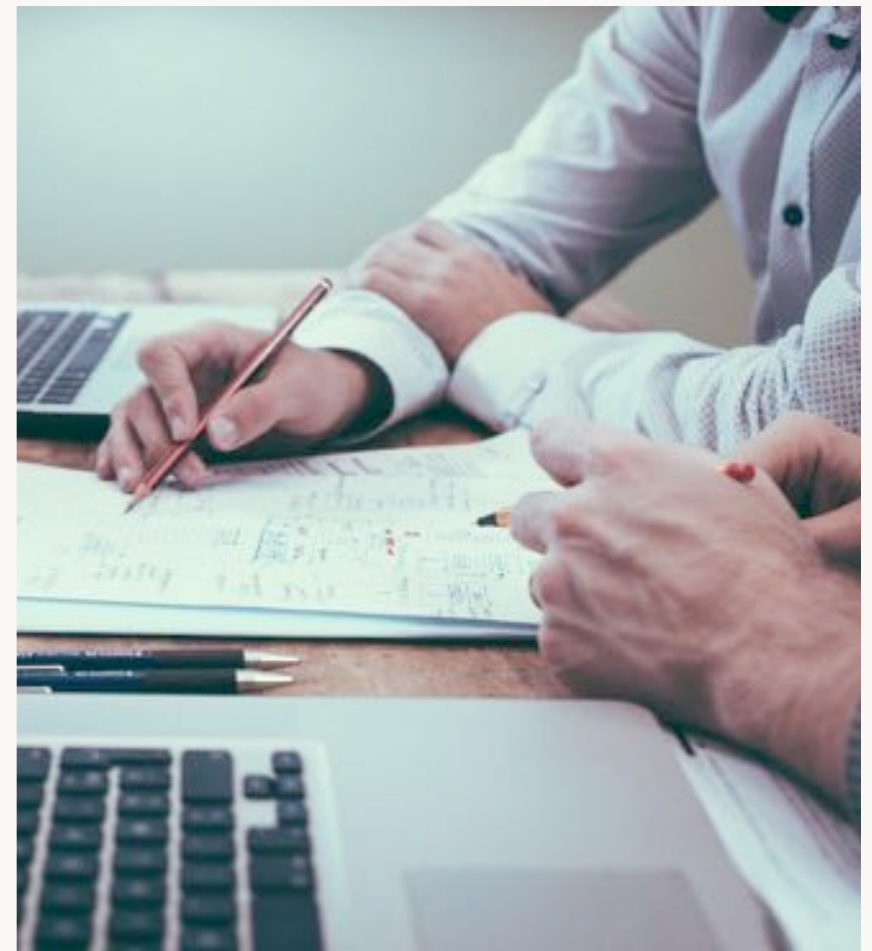
IANA Accountability

Role

The Review Committee's function is to **advise and assist the NRO EC in its periodic review of the service level of the IANA Numbering Services** provided to the Internet Number Community.
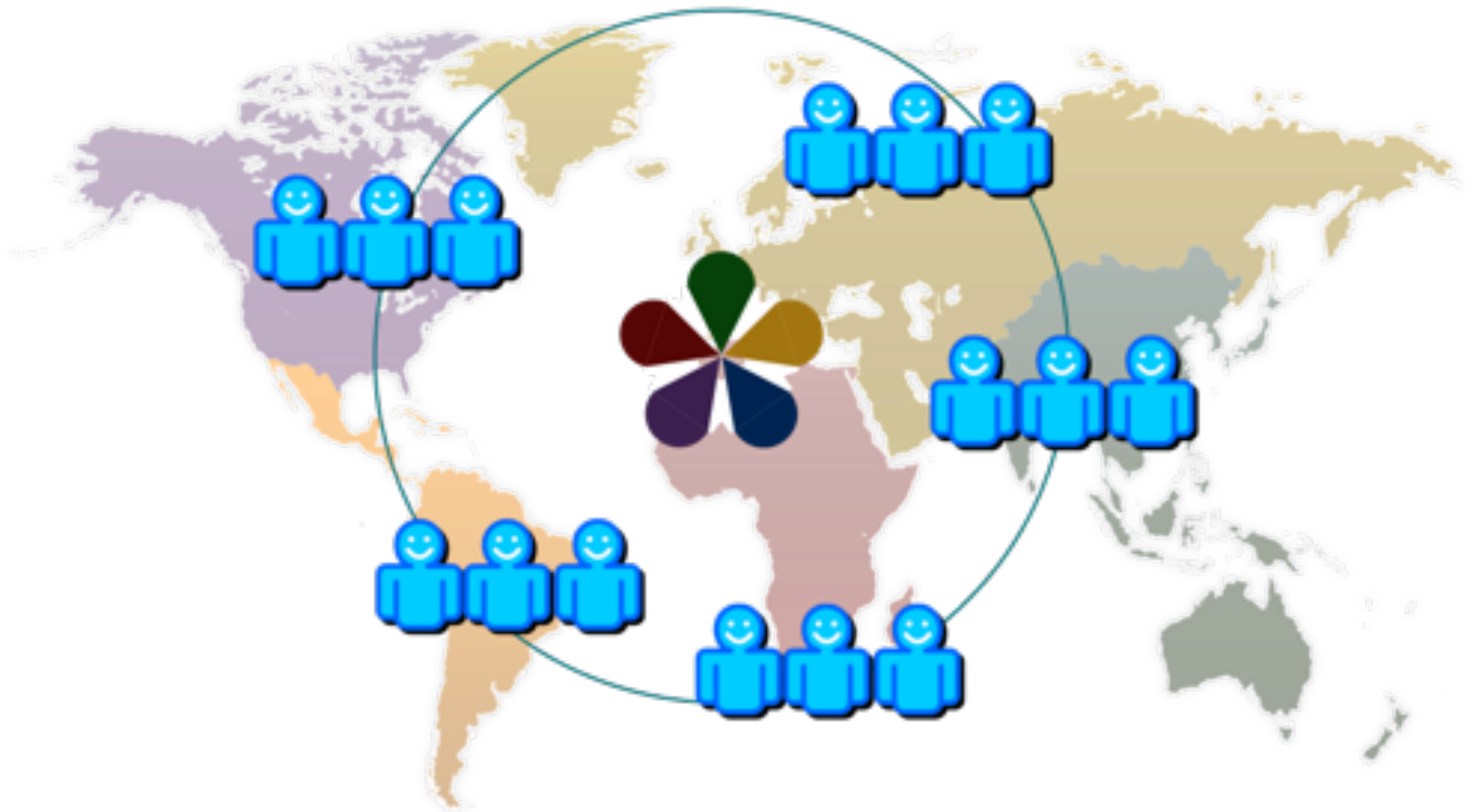
"The Review Committee is a tool for the Internet Number Community to evaluate and review performance of the IANA Numbering Services provided."

NOTE: IANA naming services reviewed through separate mechanism (CSC)

https://www.nro.net/iana-numbering-services-review-committee/

IANA Numbering Services Review Committee

Review Committee

RIPE NCC
RIPE NETWORK COORDINATION CENTRE

Filiz Yilmaz
Nurani Nimpuno, vice chair
Marco Schmidt

ARIN
American Registry for Internet Numbers

Louie Lee
Martin Hannigan
John Sweeting*

APNIC

Bertrand Cherrier, chair
Satoru Tsurumaki
Guangliang Pan

lacnic

Nathalia Sautchuk Patrício
Sergio Rojas
Ernesto Majó*

AFRINIC
The Internet Numbers Registry for Africa
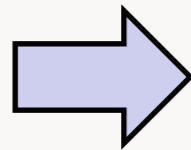
Mike Silber
Saul Stein
Madhvi Gokool*

*RIR staff representative

The IANA RC

- The IANA RC established in 2016 and composed of representatives from each RIR region

- The IANA RC publishes an annual report as advice to the NRO EC with its evaluation of the IANA Numbering services.

  - The report based on the IANA Performance Matrix Summary Report, as well as any input gathered on the performance from the global number community.
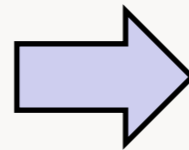
The IANA RC - process
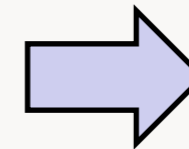
IANA
Publishes monthly reports

RIRs
Produce RIR matrix
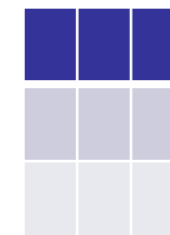
Community feedback

The IANA RC
publishes report

IANA Numbering Services 2020

Five ASN requests

- 1 in March (AfriNIC)

- 1 in April (RIPE NCC)

- 1 in May (LACNIC)

- 1 in October (APNIC)

- 1 in November (ARIN)

RIR IANA Numbering Services Review Matrix 2020

Appendix 1. RIR IANA Numbering Services Review Matrix

Date	Request Type	Response Time	Implementation Time	Accuracy	Details
3/5/2020	AS Number	0.3 days	0.2 days	✓	More Info
4/1/2020	AS Number	0.3 days	1 day	✓	More Info
5/18/2020	AS Number	0.1 days	0.1 days	✓	More Info
10/19/2020	AS Number	0.5 days	0.9 days	✓	More Info
11/02/2020	AS Number	0.2 days	0.8 days	✓	More Info

2020 Review Committee Assessment
IANA Service Level Agreement (SLA) Performance

Less than 2 business day responses	SLA met 100%
Right sized blocks allocated	SLA met 100%
Numbers given don't overlap	SLA met 100%
Numbers given match delegation	SLA met 100%

IANA Numbering Services Transactions: 2020

March - May 2020

Date	Request Type	Requested by	Acknowledged (within 2 business days)	Implemented (within 4 business days)	Implemented Accurately	Notes
3/5/2020	AS Number	AFRINIC	✓	✓	✓	
4/1/2020	AS Number	RIPE NCC	✓	✓	✓	
5/18/2020	AS Number	LACNIC	✓	✓	✓	

October - November 2020

Date	Request Type	Requested by	Acknowledged (within 2 business days)	Implemented (within 4 business days)	Implemented Accurately	Notes
10/19/2020	AS Number	APNIC	✓	✓	✓	
11/02/2020	AS Number	ARIN	✓	✓	✓	

2020 Report conclusions

All requests fulfilled **accurately** and **on time**

- No indication of failure or near failure by IANA to meet SLA

- No concerning or interesting patterns detected

No concerns raised by the number community

- One comment noting the good work of IANA

The RC concludes that the performance of the IANA Number Services Operations are **within the SLA** and **meets the needs** of the Internet number community

Community feedback

- We have said it before: Boring is good, we *think*. We hope you agree!

  - Very few IANA requests and services are stable so we don't expect much excitement… That's a good thing!

  - Some changes made to make report clearer.

    - Other feedback?

References

IANA Numbering Services Review Committee

https://www.nro.net/iana-numbering-services-review-committee/

Public Technical Identifiers (PTI)

https://pti.icann.org

The SLA for the IANA Numbering Services

https://www.nro.net/updated-5-2-and-signature-version-of-the-sla-for-the-iana-numbering-services/

IANA Stewardship Transition

IANA Stewardship Transition Archive

https://www.nro.net/iana-oversight/archive/

Number Community Proposal

https://www.nro.net/wp-content/uploads/ICG-RFP-Number-Resource-Proposal.pdf

Thank You

Nurani Nimpuno
IANA RC