IANA Numbering Services Review Committee

Nurani Nimpuno, IANA RC Chair

Background

IANA Stewardship transition in 2016

The IANA Numbering Services are today being 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.
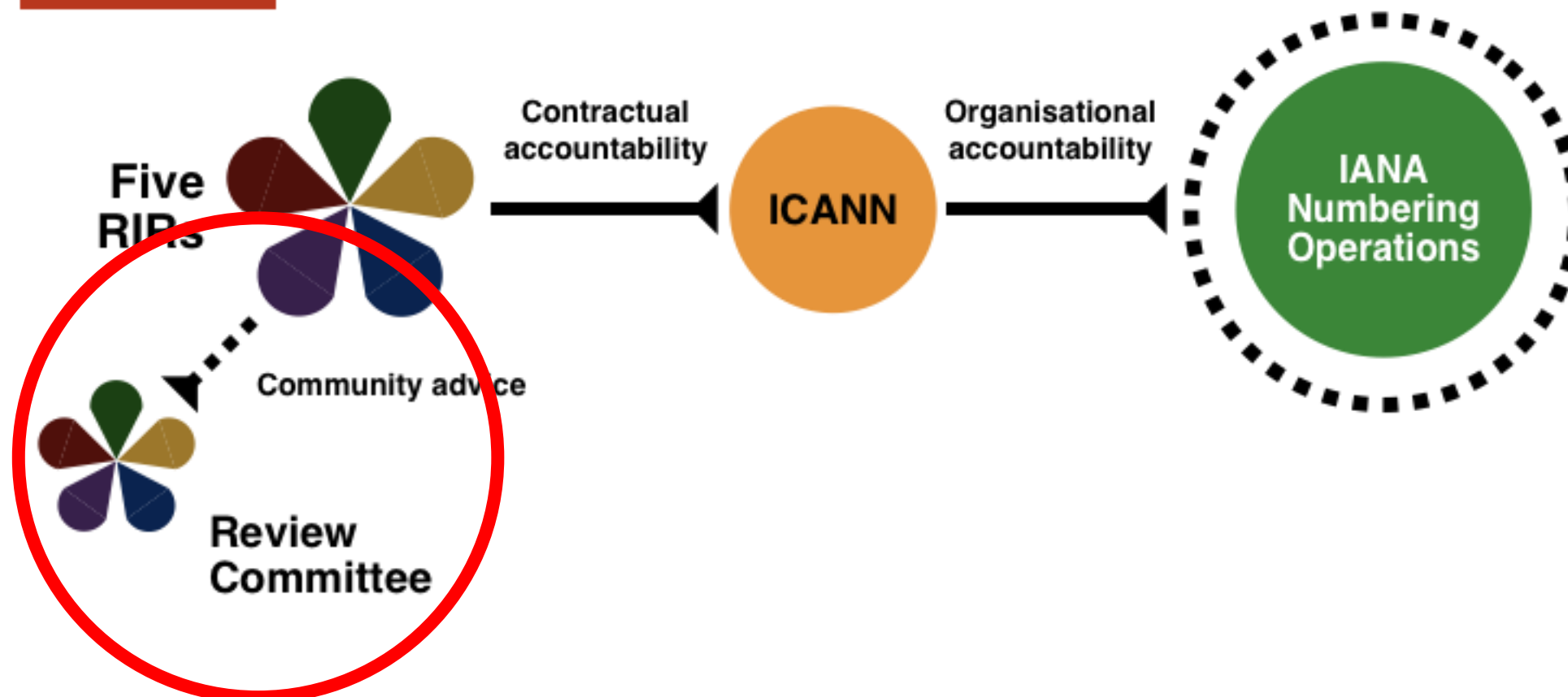
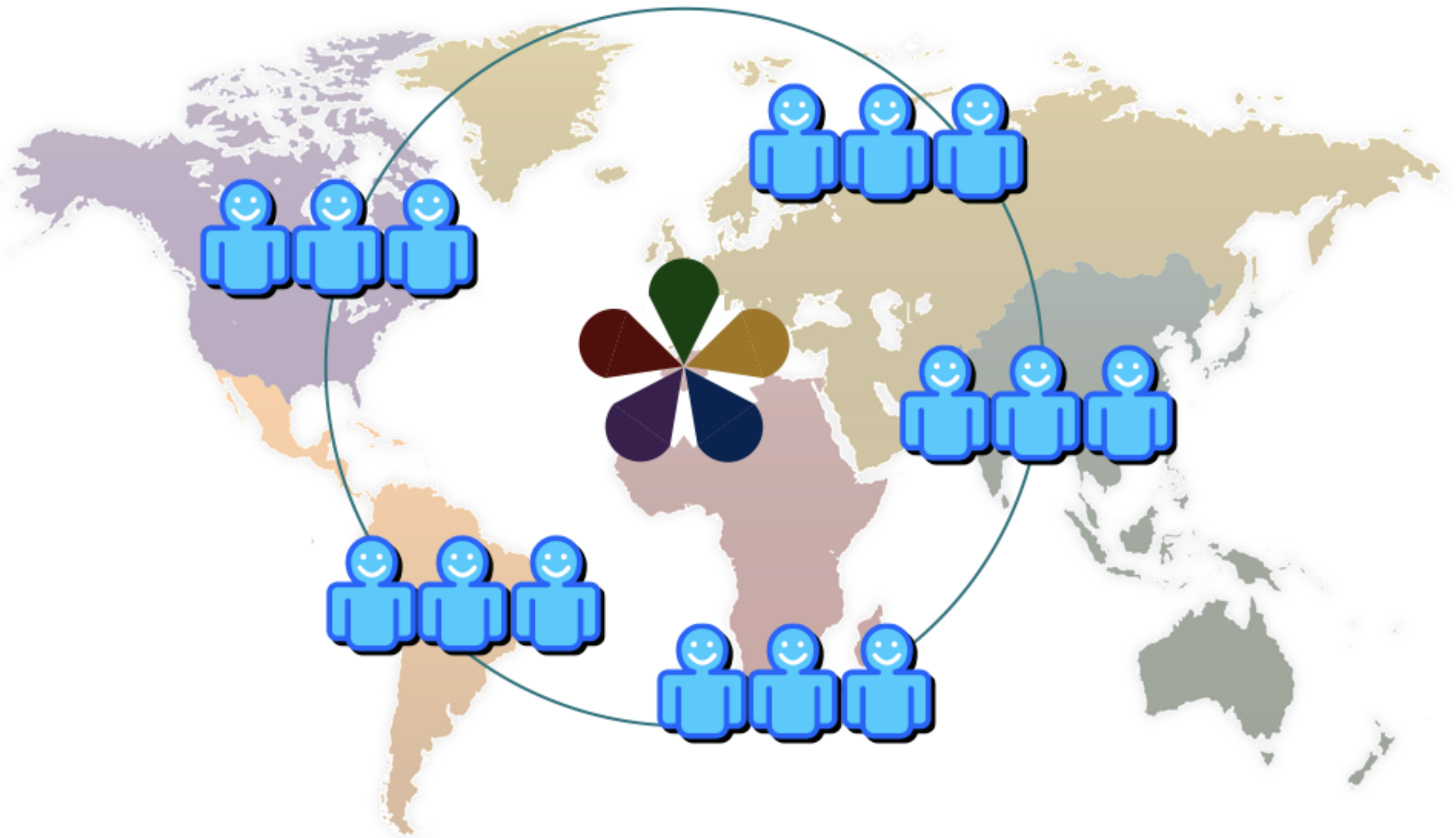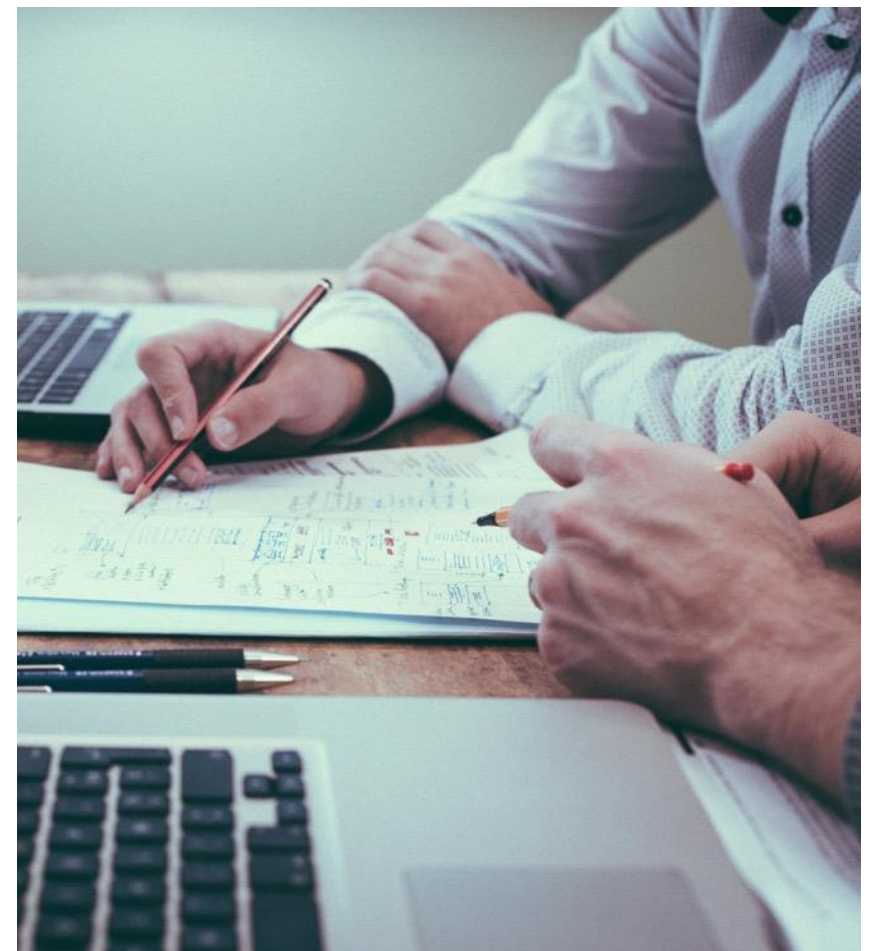https://www.nro.net/iana-oversight/archive

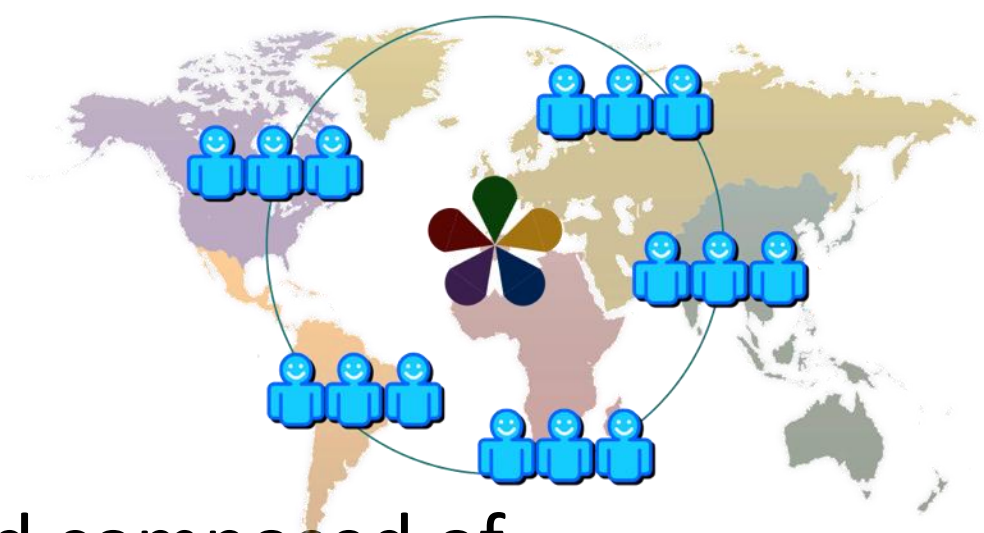# IANA Accountability

Review Committee

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. Review Committee will ensure community involvement and will support and enhance the multistakeholder model in a transparent, open, and bottom up process to ensure that the number resources component of the IANA operations meets the needs and expectations of its customers, namely the Internet numbers community

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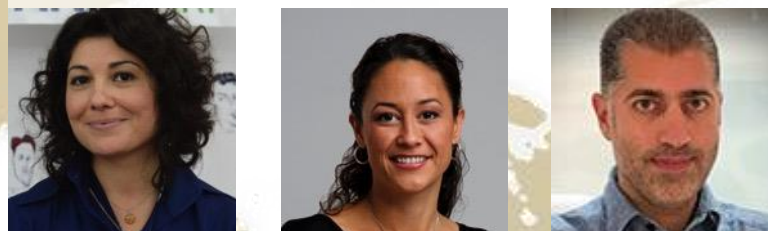
The IANA RC

- 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.

Review Committee

RIPE NCC
RIPE NETWORK COORDINATION CENTRE

Filiz Yilmaz
Nurani Nimpuno, Chair
Nikolas Pediaditis

ARIN
American Registry for Internet Numbers

Louie Lee
Martin Hannigan
John Sweeting*

APNIC

Bertrand Cherrier, vice chair
Syam Zulfadly
George Kuo*

lacnic

Nathalia Sautchuk Patrício
Juan Alejo Peirano
Ernesto Majó*

AFRINIC
The Internet Numbers Registry for Africa

Mike Silber
Noah Maina
Madhvi Gokool*

*RIR staff representative

RC Community Engagement

Review Committee members are expected to be engaged with their respective RIR communities during their term. They should communicate relevant developments relating to the Committee to their respective community, and collect feedback relevant to the IANA Numbering Services Operations from their respective community.

This input will be provided to the RIRs as advice when appropriate. These comments will be reviewed and summarized by the Review Committee and included in the IANA Numbering Services Operations Performance Report.

2019 Report outreach

4 Feb: Call for comments on IANA Services Performance Matrix

https://www.nro.net/call-for-public-comments-on-the-2019-iana-performance-matrix-summary-report/

10 March: Published 2019 IANA Numbering Services RC Report

https://www.nro.net/wp-content/uploads/2019-IANA-Numbering-Services-Review-Committee-Report.pdf

IANA Numbering Services 2019

- One IPv4 allocation*

  - 1 in March

- One ASN request

  - 1 in June

- Three IPv6 allocations

  - 1 in Mar, 1 May, 1 Nov

*Automatic allocation to all RIRs in accordance with the Global Policy for Post Exhaustion IPv4 Allocation Mechanisms by the IANA. ⌊SEP⌋

Transactions: Mar 2019

Date	Request Type	Request Processing Details
2019-03-01	IPv4 Unicast	**2019-03-01 00:00:00** Request received from Scheduled Allocation *0.0 business days* **2019-03-01 00:00:00** Request acknowledged Acknowledged on time (within 2 business days) *0.8 business days* **2019-03-01 19:06:10** Implemented using resource(s) Implemented on time (within 4 business days) Implemented accurately
2019-03-11	IPv6 Unicast	**2019-03-11 10:21 UTC** Request received from RIPE NCC *0.0 business days* ***Timestamp not available due to incompatibility of systems*** Request acknowledged Acknowledged on time (within 2 business days) *0.5 business days* **2019-03-12 23:11 UTC** Implemented using resource(s) Implemented on time (within 4 business days) Implemented accurately
		Complement of historic allocation in order to make it consistent with the regular size of IANA allocations

Transactions: May, Jun 2019

Date	Request Type	Request Processing Details
2019-05-13	IPv6 Unicast	**2019-05-13 15:10:57** Request received from RIPE NCC *0.3 business days* **2019-05-13 21:21:19** Request acknowledged Acknowledged on time (within 2 business days) *2.1 business days* **2019-05-15 22:43:22** Clarification asked Asked on time (within 4 business days) *14.6 business days* **2019-06-05 12:47:16** Clarification received *0.2 business days* **2019-06-05 17:43:53** Implemented using resource(s) Implemented on time (within 4 business days) Implemented accurately
2019-06-11	AS Number	**2019-06-11 01:42:36** Request received from APNIC *0.6 business days* **2019-06-11 15:12:36** Request acknowledged Acknowledged on time (within 2 business days) *1.1 business days* **2019-06-12 18:03:29** Implemented using resource(s) Implemented on time (within 4 business days) Implemented accurately

Transactions: Nov 2019

Date	Request Type	Request Processing Details
2019-11-01	IPv6 Unicast	**2019-11-01 16:08:20** Request received from ARIN *0.0 business days* **2019-11-01 16:14:30** Request acknowledged Acknowledged on time (within 2 business days) *3.1 business days* **2019-11-06 18:16:55** Implemented using resource(s) Implemented on time (within 4 business days) Implemented accurately

2019 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 indication concerns raised by the Internet number community

    - One comment received noting SLA fulfillment

- 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

- Boring is good we *think*. We hope you agree!

  - But we will still work on improvements

    - Clearer reports, better communication…

- Feedback? Thoughts? Observations?

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
Chair, IANA RC