



# IANA Numbering Services Review Committee

Are we getting what we need from PTI?

Nurani Nimpuno, 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



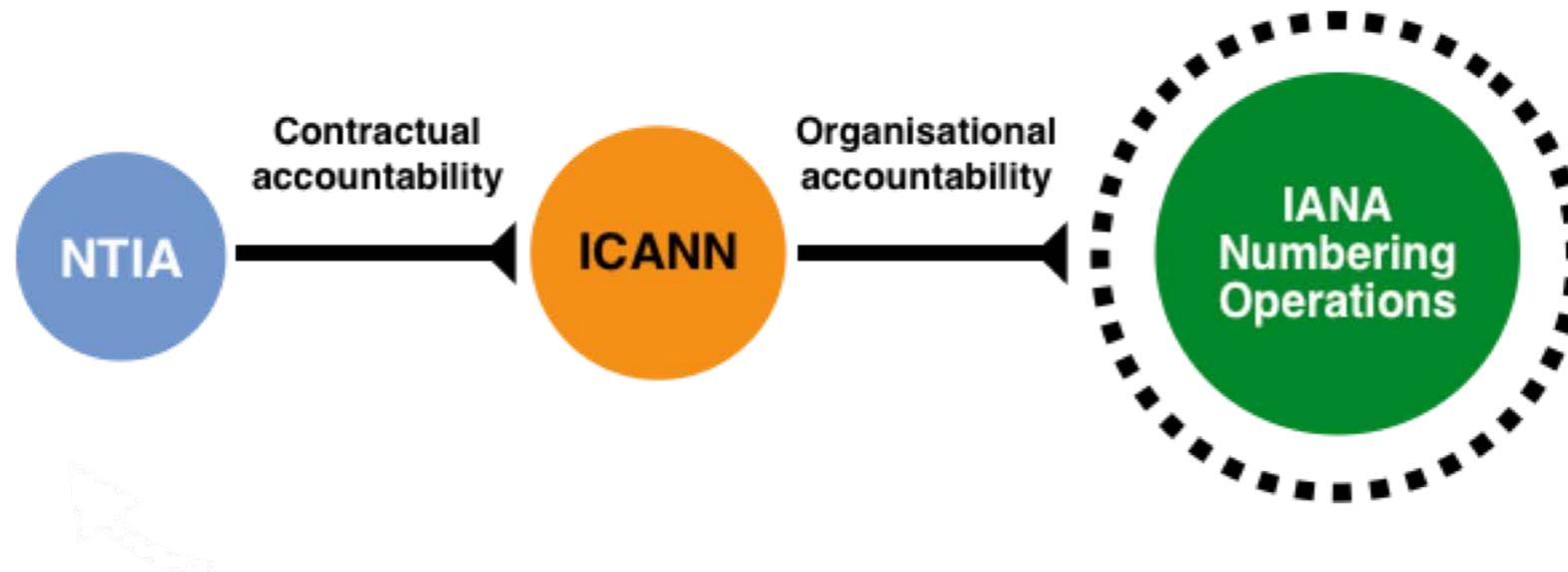
The proposal also called for the establishment of an IANA Numbering Services Review Committee (IANA RC) to advice and assist the RIRs in the review of the IANA Numbering Services.

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

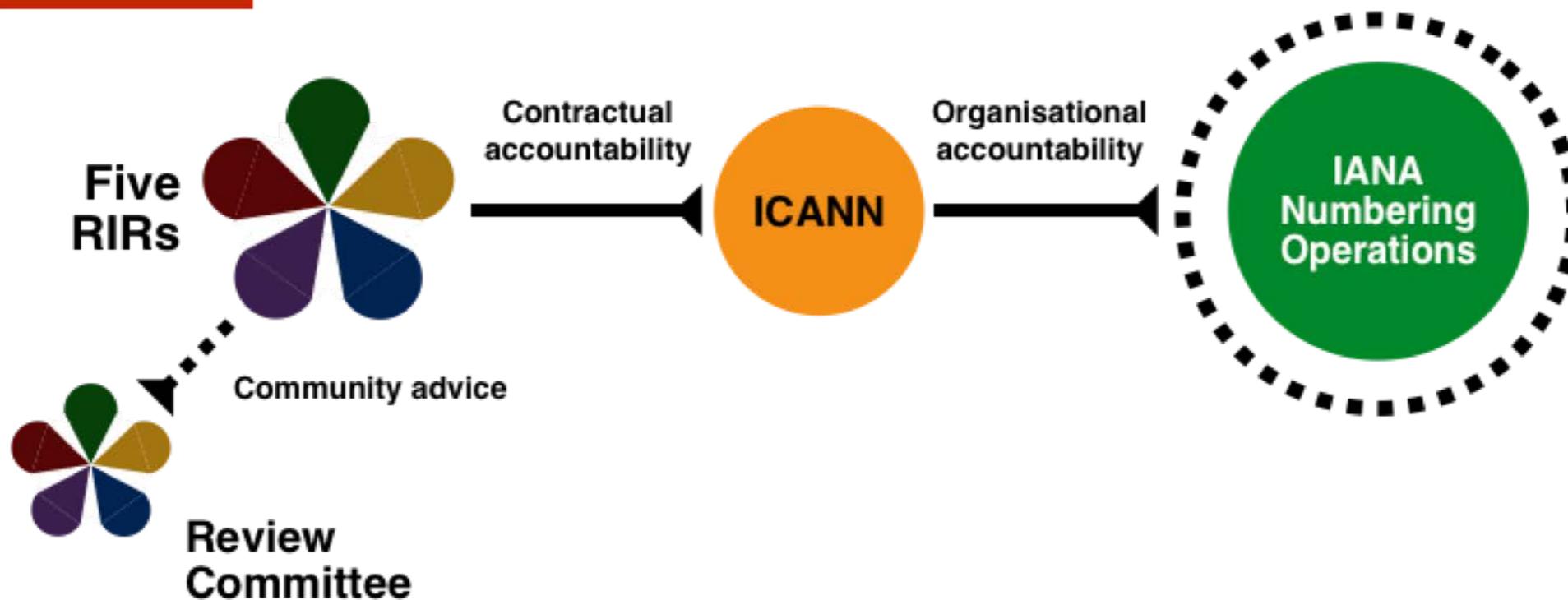
# IANA Accountability

**BEFORE**

(Currently)



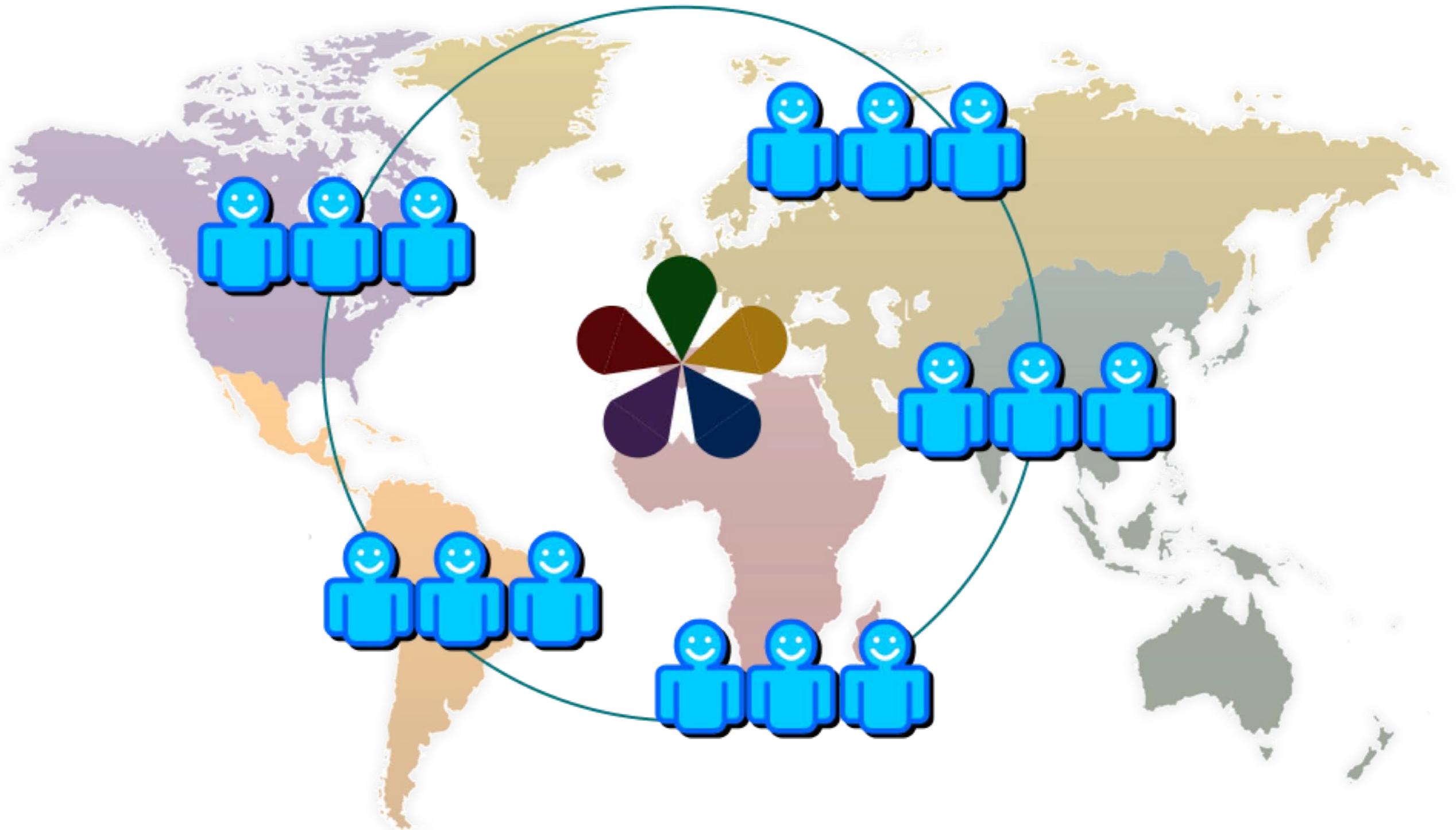
**AFTER**



# IANA Transition completed!



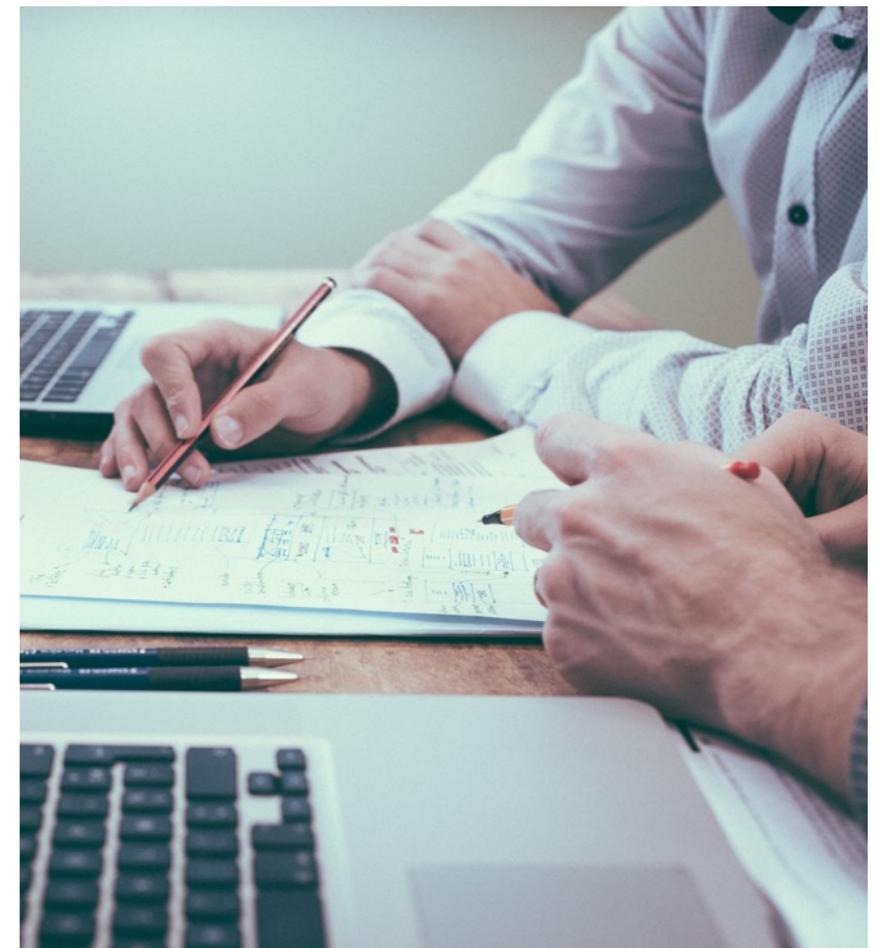
# Review Committee



# Role

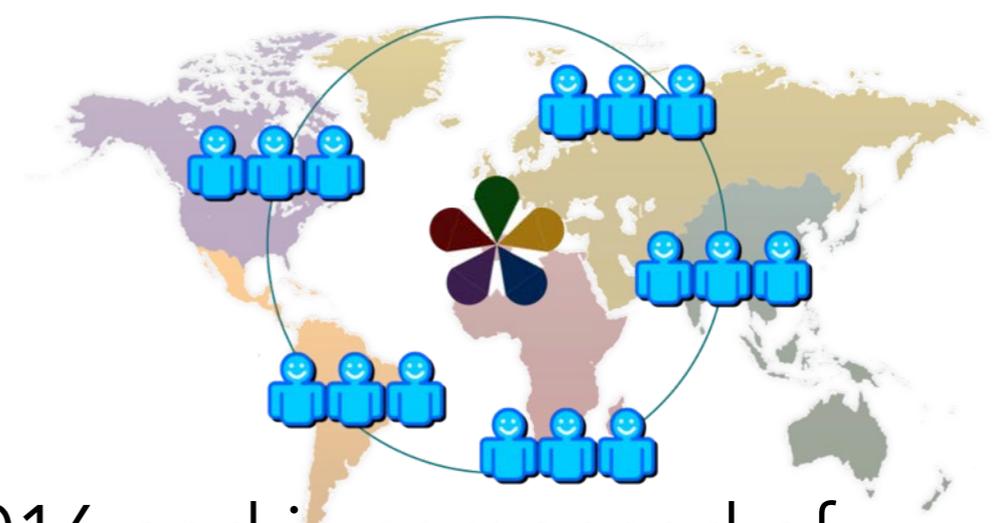
The Review Committee's function is to **advise and assist the NRO EC in its periodic review of the service level of the IANA Numbering Services** provided to the Internet Number Community.

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 was established in 2016 and is 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.
- 30-day public comment period launched in February 2018

# Review Committee



Filiz Yilmaz  
Nurani Nimpuno, Chair  
Andrew de la Haye\*



Louie Lee  
Jason Schiller, Vice Chair  
Nate Davis\*



Nicolas Antoniello  
Esteban Lescano  
Ernesto Majo\*



Omo Oaiya  
Noah Maina  
Madhvi Gokool\*



Bertrand Cherrier  
Simon Sohel Baroi  
George Kuo\*

\*RIR staff representative

# Current status

9 Feb: Called for comments on IANA Services Performance Matrix and performance standards metrics <https://www.nro.net/call-for-public-comments-on-the-iana-performance-matrix-summary-report/>

- No comments received

11 April: Published 2017 IANA Numbering Services RC Report

- Announcement: <https://www.nro.net/2017-iana-numbering-services-review-committee-report-published/>
- Report: <https://www.nro.net/wp-content/uploads/2017-IANA-Numbering-Services-Review-Committee-Report.pdf>

May: Refined and published operating procedures

# Transactions: Mar & Jul 2017

## Requests types:

- IPv4 Request
- ASN request

- ✓ Acknowledged on time (100%)
- ✓ Responded on time (100%)
- ✓ Implemented on time (100%)
- ✓ Implemented accurately (100%)

Date	Request Type	Request Processing Details	
2017-03-01	IPv4 Unicast	2017-03-01 00:00:00	Request received from Scheduled Allocation <a href="#">Less info</a>
		🕒 0.0 business days	
		2017-03-01 00:00:00	Request acknowledged ✓ Acknowledged on time (within 2 business days)
2017-03-01	IPv4 Unicast	🕒 0.8 business days	
		2017-03-01 19:32:40	Implemented using resource(s) ✓ Implemented on time (within 2 business days) ✓ Implemented accurately

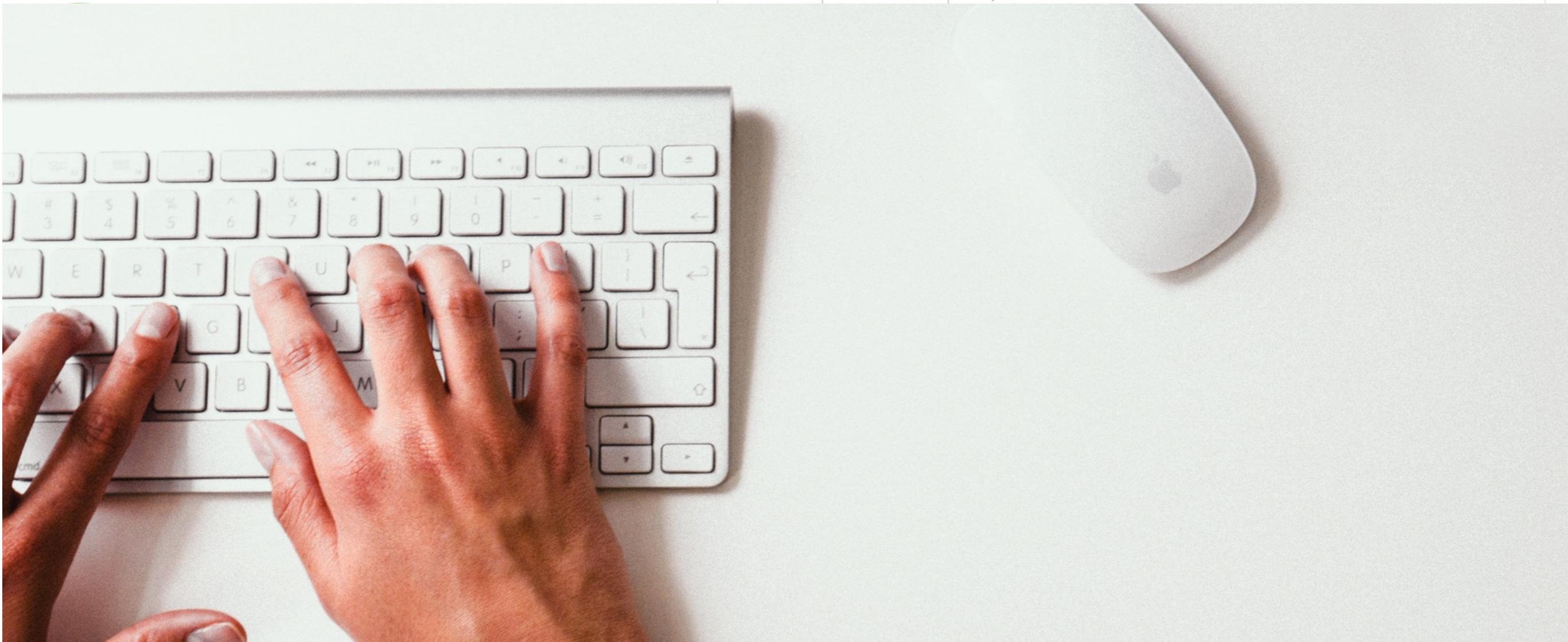
Date	Request Type	Request Processing Details	
2017-07-19	AS Number	2017-07-19 11:15:27	Request received from LACNIC <a href="#">Less info</a>
		🕒 0.3 business days	
		2017-07-19 19:35:15	Request acknowledged ✓ Acknowledged on time (within 2 business days)
2017-07-20	AS Number	🕒 0.6 business days	
		2017-07-20 12:55:40	Clarification received
2017-07-21	AS Number	🕒 1.3 business days	
		2017-07-21 20:14:12	Implemented using resource(s) ✓ Implemented on time (within 2 business days) ✓ Implemented accurately

# Transactions: Sep & Dec 2017

## Requests types:

- IPv4 Request
- ASN request

Date	Request Type	Request Processing Details	
2017-09-01	IPv4 Unicast	2017-09-01 00:00:00 ⌚ 0.0 business days	Request received from Scheduled Allocation <a href="#">Less info</a>
		2017-09-01 00:00:00 ⌚ 0.7 business days	Request acknowledged ✔ Acknowledged on time (within 2 business days)



# 2017 Report conclusions

1. All 4 requests were fulfilled accurately and on time.
2. SLA obligations of IANA Numbering Services Operator (PTI):
  - No indication of failure or near failure
  - No concerning or interesting patterns detected
3. Input of Internet number community
  - No indication of concern on IANA performance
4. There was sufficient community outreach

# 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 Operations Performance Report.



# Community feedback

- Awareness of the the RC and this new process with community input?
- Thoughts /concerns about the process?
- Thoughts / concerns about the IANA performance or the RC report?
- Other 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