



# 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.

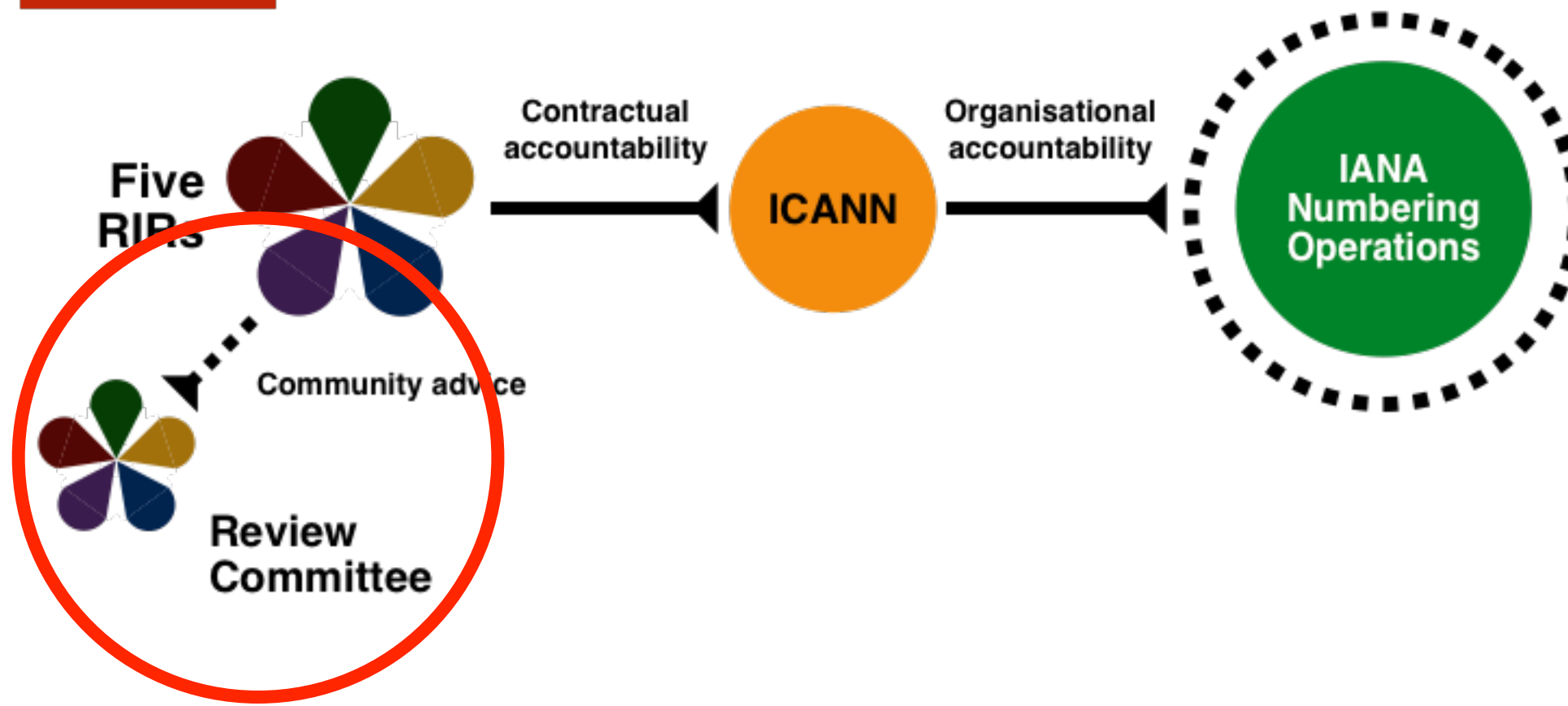
<https://www.nro.net/iana-oversight/archive>

# IANA Accountability

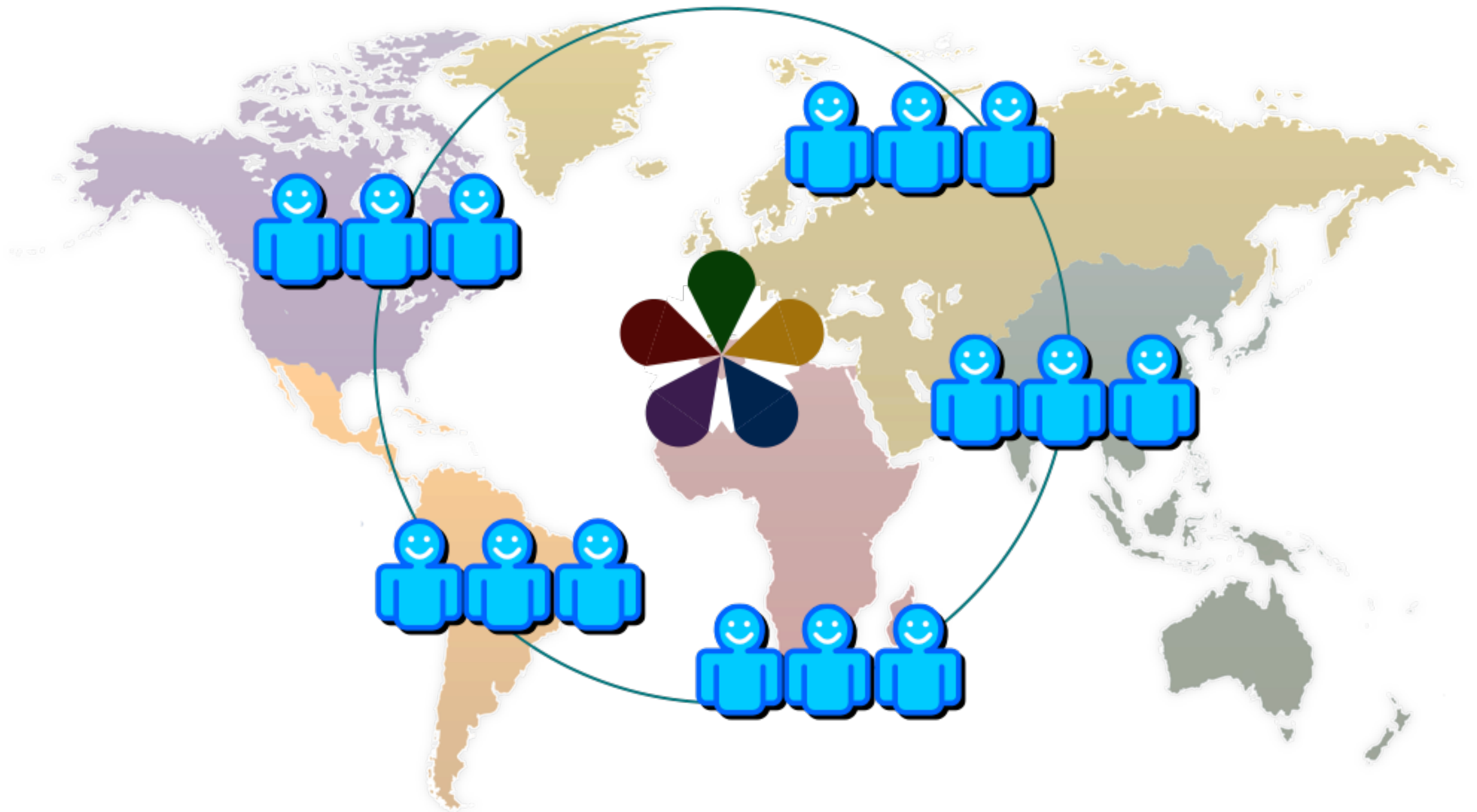
**BEFORE** (Currently)



**AFTER**



# Review Committee

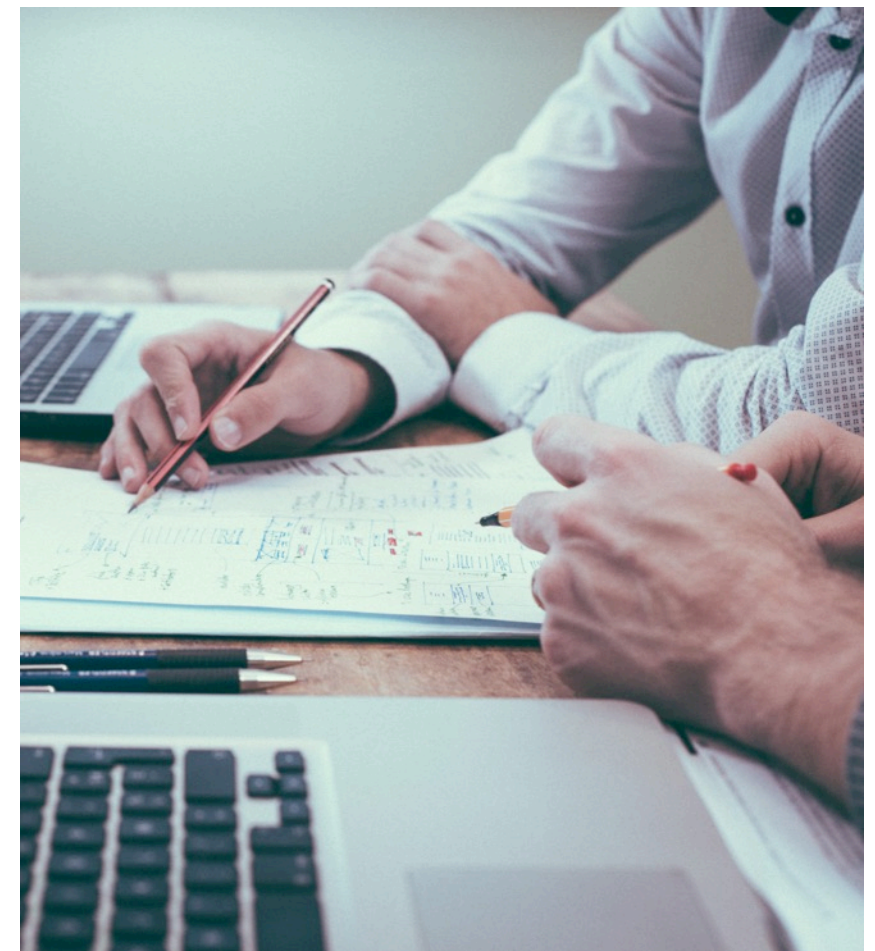




# Role

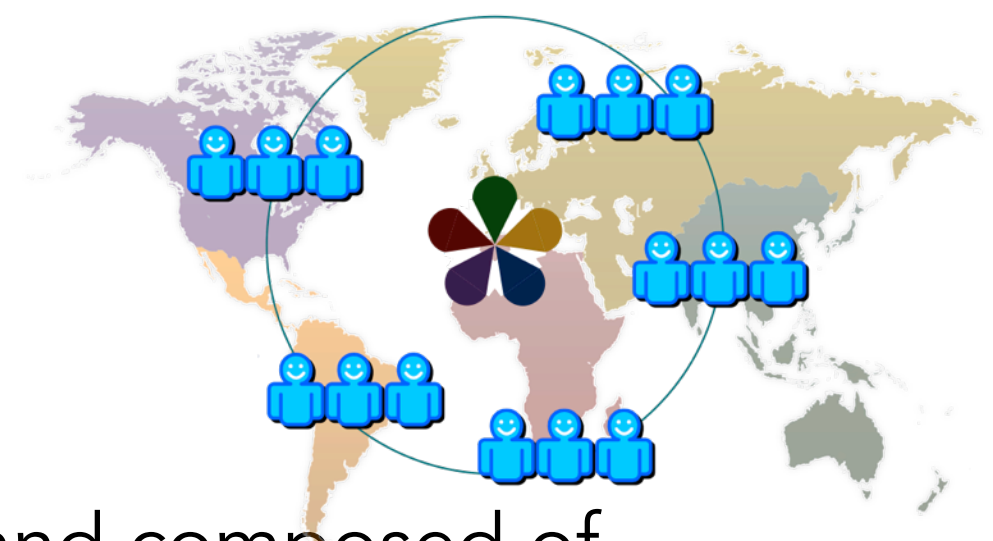
The Review Committee's function is to **advise and assist the NRO EC in its periodic review of the service level of the IANA Numbering Services** provided to the Internet Number Community.

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



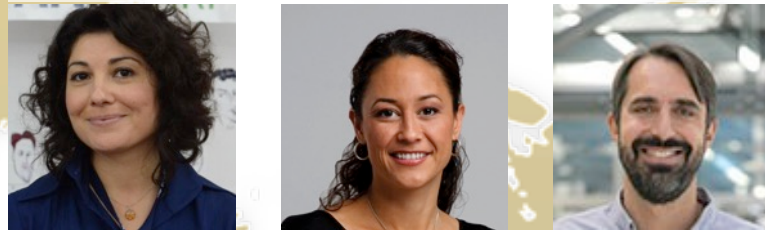
- The IANA RC established in 2016 and composed of representatives from each RIR region
- The IANA RC publishes an annual report as advice to the NRO EC with its evaluation of the IANA Numbering services.
- The report based on the IANA Performance Matrix Summary Report, as well as any input gathered on the performance from the global number community.
- 30-day public comment period launched in January 2019



# Review Committee



Filiz Yilmaz  
Nurani Nimpuno, Chair  
Felipe Victolla Silveira



Louie Lee  
Jason Schiller, Vice Chair  
Richard Jimmerson\*



Glenn Peace  
Juan Alejo Peirano  
Ernesto Majó\*



Omo Oaiya  
Noah Maina  
Madhvi Gokool\*



Bertrand Cherrier  
Syam Zulfadly  
George Kuo\*

\*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.





# 2018 Report outreach

21 Jan: Call for comments on IANA Services Performance Matrix  
<https://www.nro.net/call-for-public-comments-on-the-2018-iana-performance-matrix-summary-report/>

6 March: Published 2018 IANA Numbering Services RC Report

- 2018 Report:  
<https://www.nro.net/wp-content/uploads/2017-IANA-Numbering-Services-Review-Committee-Report.pdf>

# IANA Numbering Services 2018

- Two IPv4 allocations
  - 1 in March
  - 1 in September
- Three ASN requests
  - 2 in August
  - 1 in December





# Transactions: Mar & Aug 2018

## Individual Requests to Regional Internet Registries

Date	Request Type	Request Processing Details
2018-03-01	IPv4 Unicast	<div><div>✓ Responded on time (0.0 days)</div><div>✓ Implemented on time (0.8 days)</div><div>✓ Accurately implemented</div></div> <div>More info</div>

Date	Request Type	Request Processing Details
2018-08-09	AS Number	<div><div>✓ Responded on time (0.1 days)</div><div>✓ Implemented on time (0.3 days)</div><div>✓ Accurately implemented</div></div> <div>More info</div>
2018-08-20	AS Number	<div><div>✓ Responded on time (0.1 days)</div><div>✓ Implemented on time (0.2 days)</div><div>✓ Accurately implemented</div></div> <div>More info</div>

# Transactions: Sep & Dec 2018

Date	Request Type	Request Processing Details
2018-09-04	IPv4 Unicast	<ul style="list-style-type: none"><li>✓ Responded on time (0.0 days)</li><li>✓ Implemented on time (0.9 days)</li><li>✓ Accurately implemented</li></ul> <a href="#">More info</a>



Date	Request Type	Request Processing Details
2018-12-06	AS Number	<ul style="list-style-type: none"><li>✓ Responded on time (0.0 days)</li><li>✓ Implemented on time (1.1 days)</li><li>✓ Accurately implemented</li></ul> <a href="#">More info</a>

<https://www.iana.org/performance/numbers>



# 2018 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
  - No comments received during comment period
    - Two minor informal formatting comments



# IANA RC RIPE member selection

- Original IANA RC team filled with the ASO AC community representatives
  - To kick start the IANA RC and complete the work of CRISP
  - Never defined or published as a procedure
- Propose to simply add this as an additional role for the RIPE ASO AC members
  - Document it, publish it, announce it



# Community feedback

- Boring is good we think. We hope you agree!
- Thoughts /concerns about the process/ the IANA performance / the RC report?
- Feedback on adding the IANA RC role to the ASO AC community members' PD?
- 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