



**Number Services  
Review  
Committee**

# Review Committee Update

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ARIN 41 . April 2018

# TL;DR: Nothing to see here

- This stuff is boring
- This stuff should be boring
- So long as the IANA operator continues to do a good job
- Please pay attention to the discussion at the end



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- IANA Number Services Review Committee:
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# Formation

- Chartered by NRO EC, and formed in 2016
- Based on CRISP team recommendations
  - The Internet Number Community proposal to the IANA Stewardship Coordination Group (ICG) called for the establishment of an IANA Numbering Services Review Committee (IANA RC).

# 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.

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



# Who is the RC?



- Omo Oaiya
- **Noah Maina**
- Madhvi Gokool\*



- **Bertrand Cherrier**
- **Simon Sohel Baroi**
- George Kuo\*



- Louie Lee
- Jason Schiller, Vice Chair
- Nate Davis\*



- Nicolas Antoniello
- **Esteban Lescano**
- Ernesto Majó\*



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

\*staff representative  
**bold** - new representative since last update

15 members

- 2 community representatives from each region (voting)
- 1 RIR staff representative from each region (non-voting)

# Current Work 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 Review Committee 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>
- Refining operating procedures




# Transactions: March & July 2017

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

- IPv4 Request
- ASN request

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

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



# Transactions: Sept & Dec 2017

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

- IPv4 Request
- ASN request

- ✓ Requests acknowledged on time (100%)
- ✓ Responded on time (100%)
- ✓ Implemented on time (100%)
- ✓ Implemented accurately (100%)

Date	Request Type	Request Processing Details
2017-09-01	IPv4 Unicast	<p>2017-09-01 00:00:00 Request received from Scheduled Allocation <a href="#">Less info</a></p> <p>⌚ 0.0 business days</p> <p>2017-09-01 00:00:00 Request acknowledged            ✓ Acknowledged on time (within 2 business days)</p> <p>⌚ 0.7 business days</p> <p>2017-09-01 17:10:53 Implemented using resource(s)            ✓ Implemented on time (within 2 business days)            ✓ Implemented accurately</p>

Date	Request Type	Request Processing Details
2017-12-07	AS Number	<p>2017-12-06 23:31:05 Request received from APNIC <a href="#">Less info</a></p> <p>⌚ 0.0 business days</p> <p>2017-12-06 23:36:37 Request acknowledged            ✓ Acknowledged on time (within 2 business days)</p> <p>⌚ 0.0 business days</p> <p>2017-12-07 01:09:20 Clarification received</p> <p>⌚ 0.7 business days</p> <p>2017-12-07 18:54:33 Implemented using resource(s)            ✓ Implemented on time (within 2 business days)            ✓ Implemented accurately</p>

# 2017 Report Conclusions

1. All 4 requests were fulfilled accurately and on time.
2. SLA obligations of IANA Numbering Services Operator:
  - 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 & involvement in order to support and enhance the multistakeholder model in a transparent, open, and bottom up process in this review of IANA performance.

# 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.

# Community Input

- Concerns about how the process worked?
- Concerns about the conclusion?
- Thoughts for 2018 report?



- Other Feedback
- Observations
- Praise