



Baltimore, MD | 9 - 10 Oct 2014

# IANA Governance Changes – NANOG 62 Lightning Talk

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# IANA Governance Changes

- “Throughout its entire history, the Internet system has employed a central Internet Assigned Numbers Authority (IANA)”
- IANA handles the central registries for the Internet –
  - **“Names” (The DNS root zone)**
  - **“Numbers” (The IPv4, IPv6, ASN global free pools)**
  - **“Protocol Parameters” (port numbers, type codes, etc.)**
- IANA services are provided under two agreements:
  - **USG NTIA IANA Functions Contract with ICANN**
  - **RFC 2860 MOU between IAB/IETF and ICANN**

# IANA Governance Changes

## *Globalization of IANA Functions*

- US Govt announced plan to transition oversight of the IANA functions contract from NTIA to the “**global multistakeholder community**”



# IANA Governance Changes

## *NTIA Conditions for Transition Proposal*



- Support and enhance the multistakeholder model
- Maintain the security, stability, and resiliency of the Internet DNS
- Meet the needs and expectation of the global customers and partners of the IANA services
- Maintain the openness of the Internet

# IANA Governance Changes

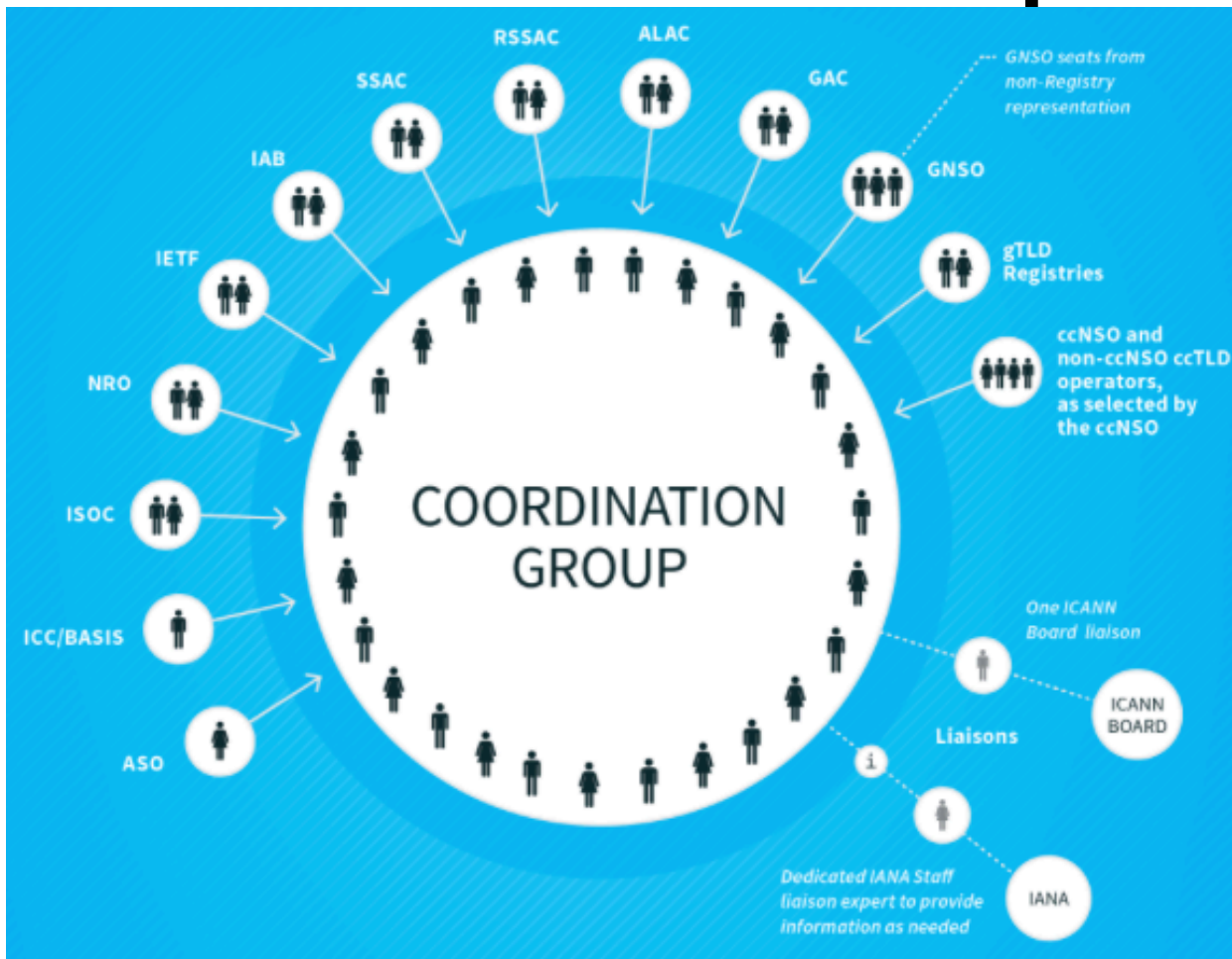
***USG/NTIA will not accept  
government-based proposal***





# IANA Governance Changes

## IANA Stewardship Transition Coordination Group



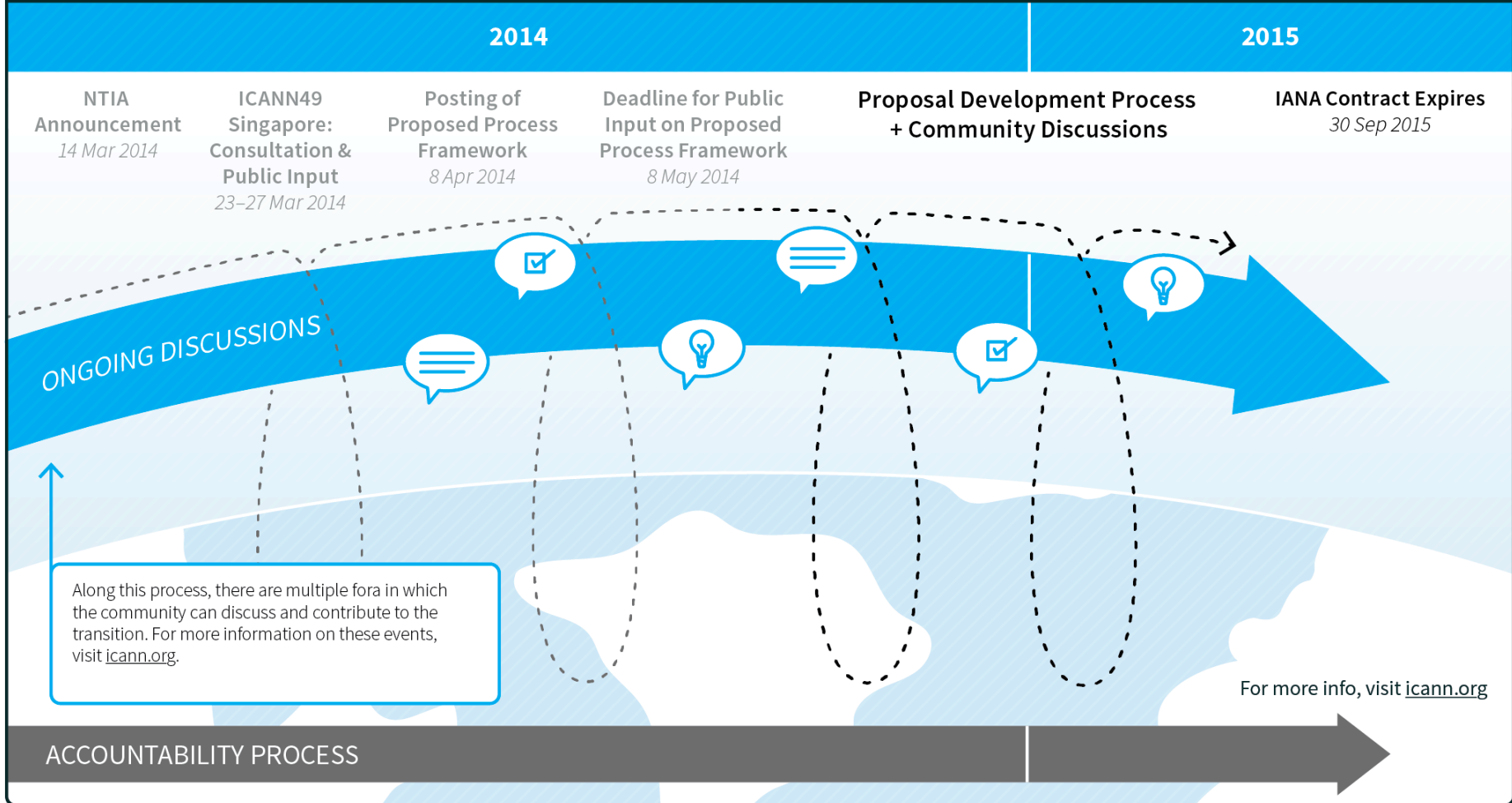
# IANA Governance Changes

## IANA Stewardship Transition Coordination Group (ICG) Mission

- To coordinate the development of a proposal among the communities affected by the IANA functions
- Charter:
  - <https://www.icann.org/news/announcement-2014-08-27-en>

# IANA Governance Changes

## NTIA IANA Functions' Stewardship Transition | Timeline





# IANA Governance Changes



- **AFRINIC**

<http://www.afrinic.net/en/community/iana-oversight-transition>

- **APNIC**

<http://www.apnic.net/community/iana-transition>

- **ARIN**

<http://teamarin.net/education/internet-governance/iana-globalization/>

- **LACNIC**

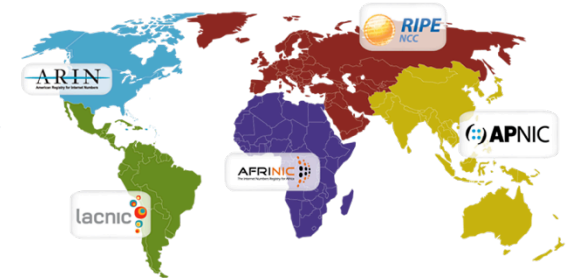
<http://www.lacnic.net/en/web/lacnic/iana-transicion>

- **RIPE NCC**

<http://www.ripe.net/iana-oversight-transition>

# IANA Governance Changes

## Upcoming RIR meetings



- ARIN 34
  - Baltimore, Maryland, USA | 9- 10 October 2014
- LACNIC 22
  - Santiago, Chile | 27 – 31 October 2014
- RIPE 69
  - London, England | 3 – 7 November 2014
- AFRINIC 21
  - Mauritius | 22 – 28 November 2014
- APNIC 39
  - Fukuoka, Japan | 24 February - 6 March 2015

# ICG Process Questions?



# IANA Governance Changes

## ARIN Region Process



- 1) Discussion in the ARIN community will take place during ARIN 34 and through a mailing list consultation from **13 October to 27 October**.
- 2) ARIN will conduct a community survey and publish the results to aid in the discussion. The survey will be open for one week, 13 – 20 October, and those results will be posted by 24 October 2014.
- 3) After the initial community discussion ends on 27 October, the ARIN staff will produce a draft summary document by 3 November for community review. The document will note consensus positions and any significant points where consensus could not be achieved.
- 4) After community review, a final document (including any material comments from the review) will be sent to the Number Resource Organization for compilation into a single RIR community input to the ICG.

# IANA Governance Changes

## *ARIN Region Process*



1. Is the process outlined above for response development in the ARIN region sufficient or are any changes needed?
2. Do we need a dedicated mailing list in the ARIN region for conducting the community discussion on this topic, or does an existing ARIN list such as arin-consult, arin-discuss, or PPML suffice? If a new list is created for this purpose, should it be prepopulated with subscribers from another list?
3. ARIN intends to conduct a community survey from October 13 to October 20th to aid in development of a response - please review the three draft survey questions (attached) and provide any suggestions or comments for improvement.

Please provide comments on the above points to [arin-consult@arin.net](mailto:arin-consult@arin.net).



# ARIN Process Questions?



# IANA Governance Changes

## ARIN Survey Questions



Survey Question 1 – Do you agree that the following points are the primary priorities for the ARIN community?

- There should be minimal operational change – the current processes for IANA operation and related policy-making are effective and allow for the participation of all interested parties.
- Any new oversight mechanism should incorporate and build on the existing RIR community, policy-making processes.
- The RIR communities are ultimately accountable for the management of those IANA functions relating to management of the global Internet number resource pools, and this should be reflected in any new oversight mechanisms.

# IANA Governance Changes

## *ARIN Survey Questions*



Survey Question 2 – Do you agree that a model for IANA oversight endorsed by the ARIN community should include the following elements?

- ICANN has historically managed operation of the IANA functions well, and should continue to do so at this time.
- The IANA functions operator must be answerable and accountable to the communities that it serves. The number resource community is represented in such accountability processes by the membership-based Regional Internet Registry organizations.
- Funding arrangements to cover the staff, equipment and other operational costs associated with operation of the IANA functions should be transparent and stable.

# IANA Governance Changes

## *ARIN Survey Questions*



Survey Question 3 – Does this community feel that it has no position, per se, on ICANN accountability mechanisms? (other than the principle that DNS community must be satisfied with that process before any IANA transition)

# Survey Questions?

