"Throughout its entire history, the Internet system has employed a central Internet Assigned Numbers Authority (IANA)"

- Vint Cerf, RFC 1174

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

Globalization of IANA Oversight

- On 14 March 2014, the US Government announced plans to transition oversight of the IANA functions contract to the global multistakeholder community

NTIA Conditions for Transition Proposal

1. *Support and enhance the multistakeholder model*

2. *Maintain the security, stability, and resiliency of the Internet DNS*

3. *Meet the needs and expectation of the global customers and partners of the IANA services*

4. *Maintain the openness of the Internet*

USG/NTIA will <u>not</u> accept a government-based proposal

June 2014 – ICANN's convenes "IANA Stewardship Coordination Group"
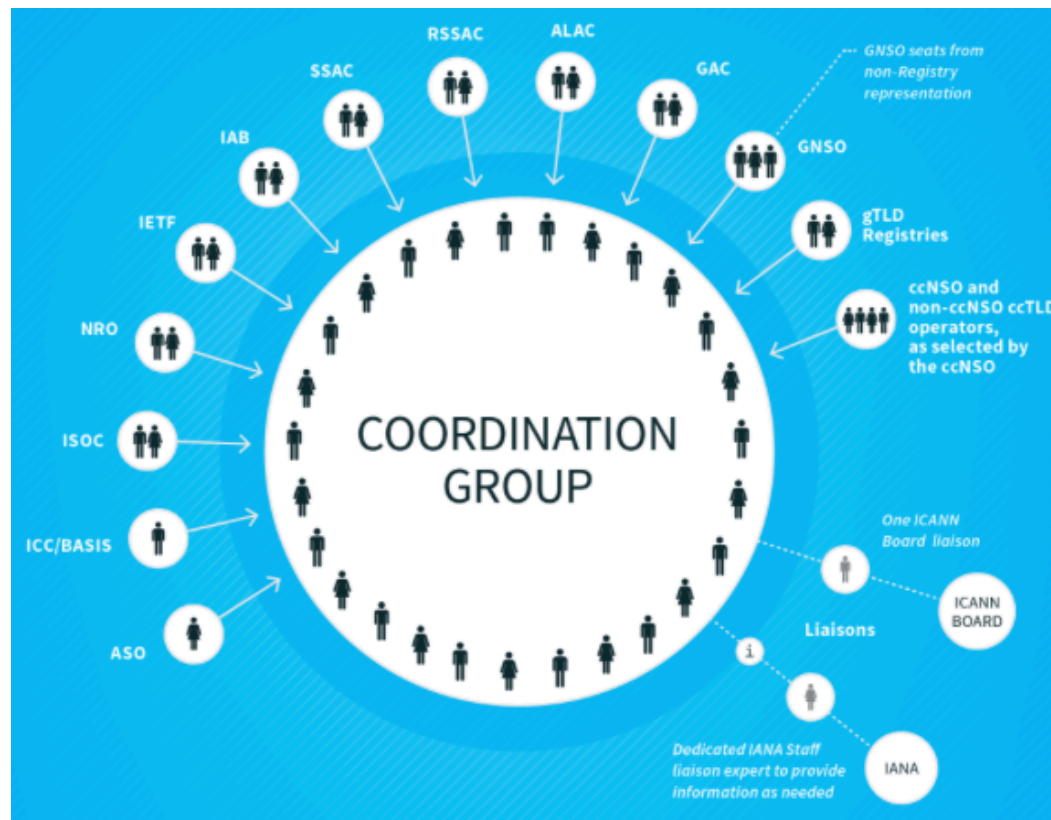
IANA Stewardship Transition Coordination Group (ICG) Mission

- To <u>coordinate</u> the development of a proposal among the communities affected by the IANA functions

- The ICG is comprised of 30 individuals representing 13 communities. Those communities include direct and indirect stakeholders.

- Charter:

  https://www.icann.org/news/announcement-2014-08-27-en

IANA Stewardship Transition Coordination Group (ICG) Mission

Target	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15
Request for Proposals														
Communities Develop Proposals														
ICG Develops Draft Response														
Review of the Draft Response														
ICG Develops Final Response														
Final Response Review														
Final Response Delivery														

	Prep	Work
ICG		
Communities		
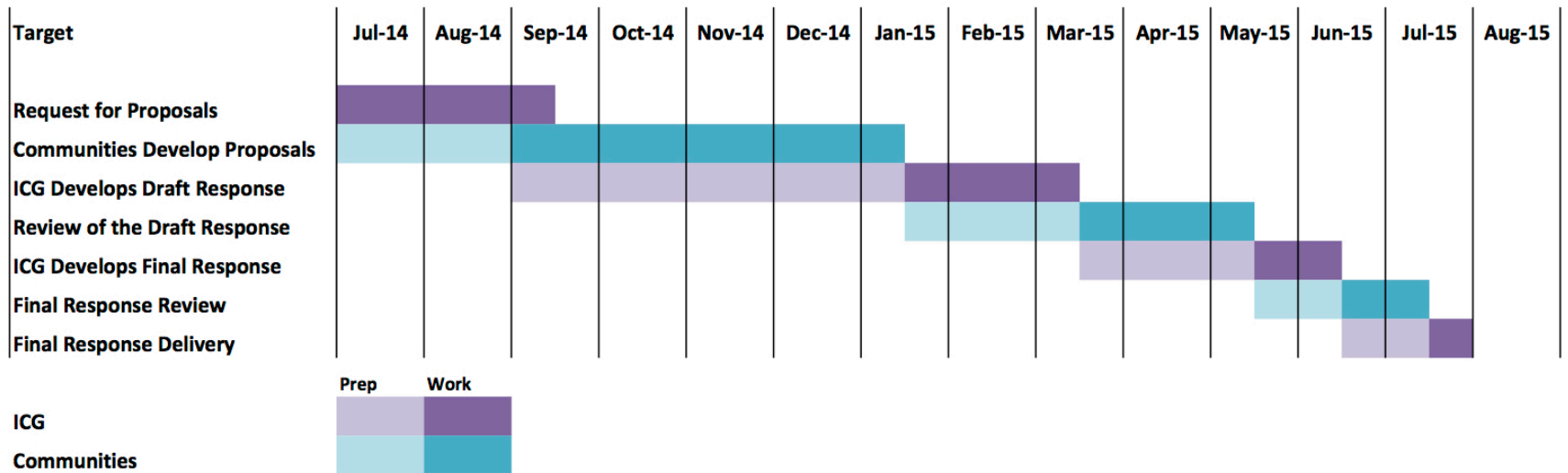
Number Community – Consolidated RIR IANA Stewardship Proposal (CRISP) Team

- 15 member team (3 per region) to integrate the input from each of the 5 RIR regions and finalize the "numbers community" submission to the ICG

- Charter:
  https://www.nro.net/nro-and-internet-governance/iana-oversight/consolidated-rir-iana-stewardship-proposal-team-crisp-team

- Open mailing list (and 15 teleconferences) to create the proposal for number resources

IANA Stewardship Proposal – Present Status

✓ Protocol Parameters (IETF community)
  – IANAPlan Working Group
    https://tools.ietf.org/html/draft-ietf-ianaplan-icg-response-09 - Submitted 6 Jan 2015

✓ Number Resources (RIR community)
  – CRISP Team
    https://www.nro.net/wp-content/uploads/ICG-RFP-Number-Resource-Proposal.pdf - submitted 15 Jan 2015

• Names (DNS community) – *work in progress*
  – Cross Community Working Group (CWG)

CWG December Draft – US NTIA Questions

- *The draft proposes the creation of three or four new entities to be involved in the naming related processes. Could the creation of any new entity interfere with the security and stability of the DNS during and after the transition? Given that the community will need to develop, implement and test new structures and processes prior to a final transition, can it get all this done in a timeframe consistent with the expectations of all stakeholders?*

- *Does the proposal ensure a predictable and reliable process for customers of root zone management services? Under the current system, registry operators can be confident of the timing of review and implementation of routine root zone updates. If a new committee takes up what is currently a routine procedural check, how will the community protect against processing delays and the potential for politicization of the system?*

- *In response to the December 1 draft, other suggestions have emerged. Are all the options and proposals being adequately considered in a manner that is fair and transparent?*

- *How does the proposal avoid re-creating existing concerns in a new form or creating new concerns? If the concern is the accountability of the existing system, does creating new committees and structures simply create a new set of accountability questions?*

IANA Stewardship Proposal – <u>Victory Conditions</u>

- A proposal submitted to NTIA by July 2015 which meets NTIA's conditions and provides for transition of IANA stewardship to the global Internet community

- Community support of the ICG proposal, based on belief that the mechanisms provided for oversight and accountability are appropriate

IANA Stewardship – Potential Implications

- Successful transition of IANA Stewardship from the USG to the Internet community would be an important validation of the Internet's multistakeholder governance model

- Inability to transition could raise concerns about the validity of the multistakeholder process and fuel discussion of the perceived need for intergovernmental mechanisms for Internet Governance

Thank You!

Questions?