IANA Oversight transition

AFRINIC 20

Background

- March 2014: NTIA announced intention to transition oversight of the **Internet Assigned Numbers Authority (IANA)** functions
- IANA functions include serving as global registry of Internet number resources (IP addresses, AS Numbers)
- AFRINIC is a key IANA stakeholder
- Other functions include DNS root zone management and protocol parameter registries
- ICANN contracted by NTIA to manage IANA functions operation (since 1998)

Relationship: Current situation

- RIRs derive their authority from their communities [+ IETF (RFC 7020) + ICANN recognition [ICP-2].

- The NRO has an MoU with ICANN re ASO (Global Policy)

- The NRO pays ICANN a negotiated fee as support to IANA services.

- The IETF has an MoU with ICANN (RFC-2860) that delegates the Administration of PP registry to ICANN (– this MoU *does not specifically cover NR* -)

- NTIA/USG has a contract with ICANN to perform the IANA function including service to RIRs (performing an oversight function)
  - *No documented agreement between the NRO & ICANN for IANA function (Number Registry aspect) – [Exchange of letter in 2007]*
 - *No service contract between ICANN and RIRs for IANA services*

AFRINIC & IANA

- AFRINIC (and other RIRs) obtain number resources from (and occasionally return them to) the IANA pool
- This is done according to policies developed globally by the RIR communities
- Passed to ICANN for ratification/implementation via the NRO Number Council, acting as the ASO Address Council
- Even those interactions quite limited…
- One or two resource requests per year

Policy making & relation with IANA

(curtsey of RIPE)
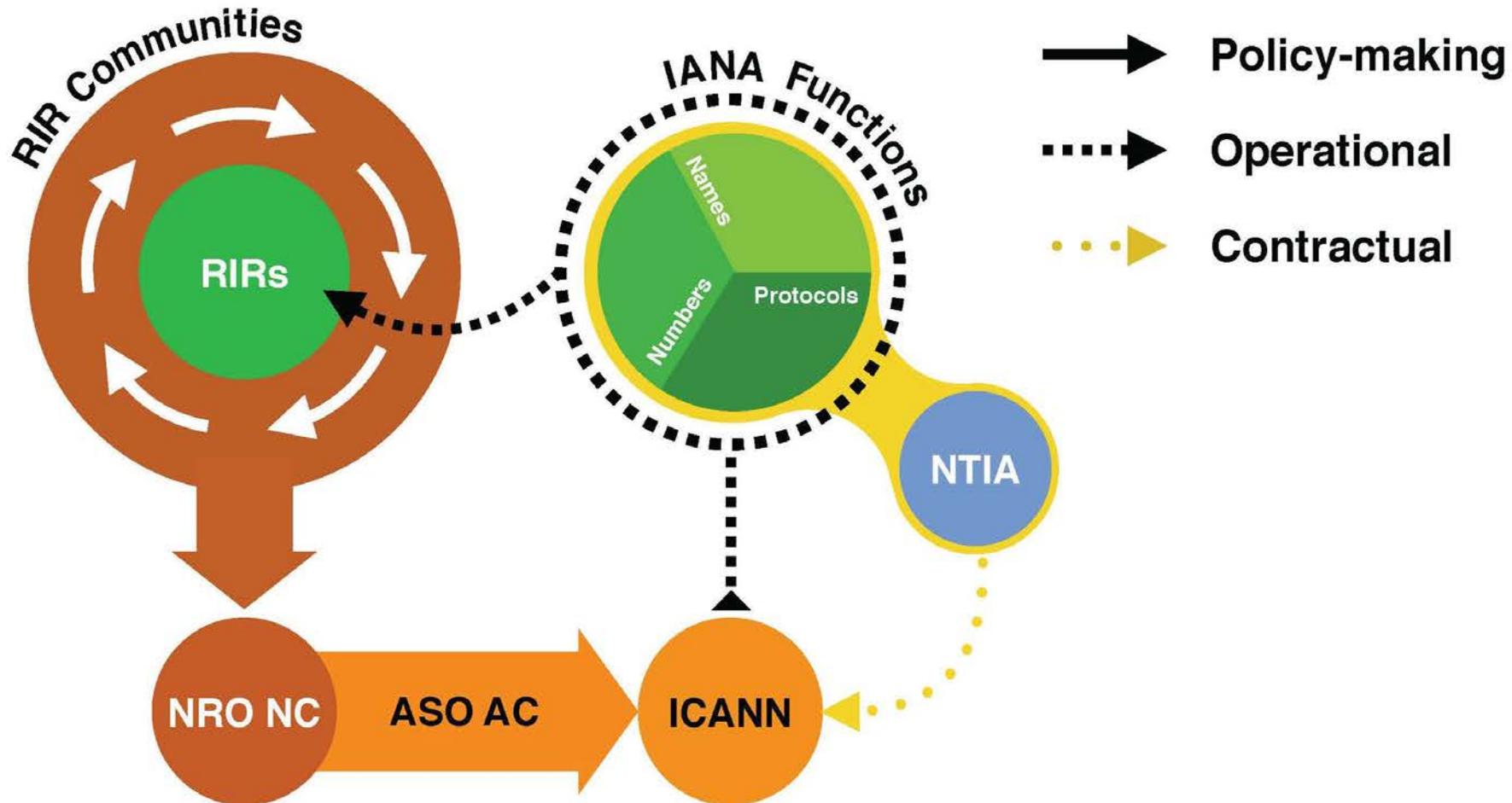
What is Oversight?

- "Oversight" has historically sat with U.S Government Dept. of Defence (ARPA), then Dept. of Commerce (NTIA)

- Generally pretty hands-off

- NTIA has no direct role in policy-making or operational implementation for Internet number resources

- Significant role: making/holding/changing contract for IANA operational management

- Past contract renewals have included updating of service terms, often with input from IANA stakeholders

- *See NRO submission to NTIA in 2011*

Oversight transition- NTIA

- NTIA statement established certain ground rules:

    - Global, multi-stakeholder process convened by ICANN
    - Any proposal must meet certain requirements:

...the transition proposal must have broad community support and address the following four principles:

- 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.

AFRINIC's contribution

- ICANN has established the ianatransition@icann.org mailing list
- ICANN is looking at a steering committee/coordination group to channel global input
- AFRINIC discussion will take place at meetings. Ck http://www.afrinic.net/en/community/ig/iana-transition
- There will also be discussion in other forums (IGFs, Regional NOGs) other regional meetings
- Output from these discussions will be fed into the global process
- AFRINIC will facilitate coordination with other RIR communities

Questions

- What do these NTIA requirements mean for a new oversight arrangement?

- To what extent must this oversight be "multistakeholder"?

- Do major changes put at risk the "security, stability, and resiliency of the Internet DNS"?

- How does oversight (particularly of the Internet number resource function) affect "openness of the Internet"?

- Where do the RIR communities fit into a future model?

- **…and what would that mean for our community processes?**

Thank you for your Attention

Questions?

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