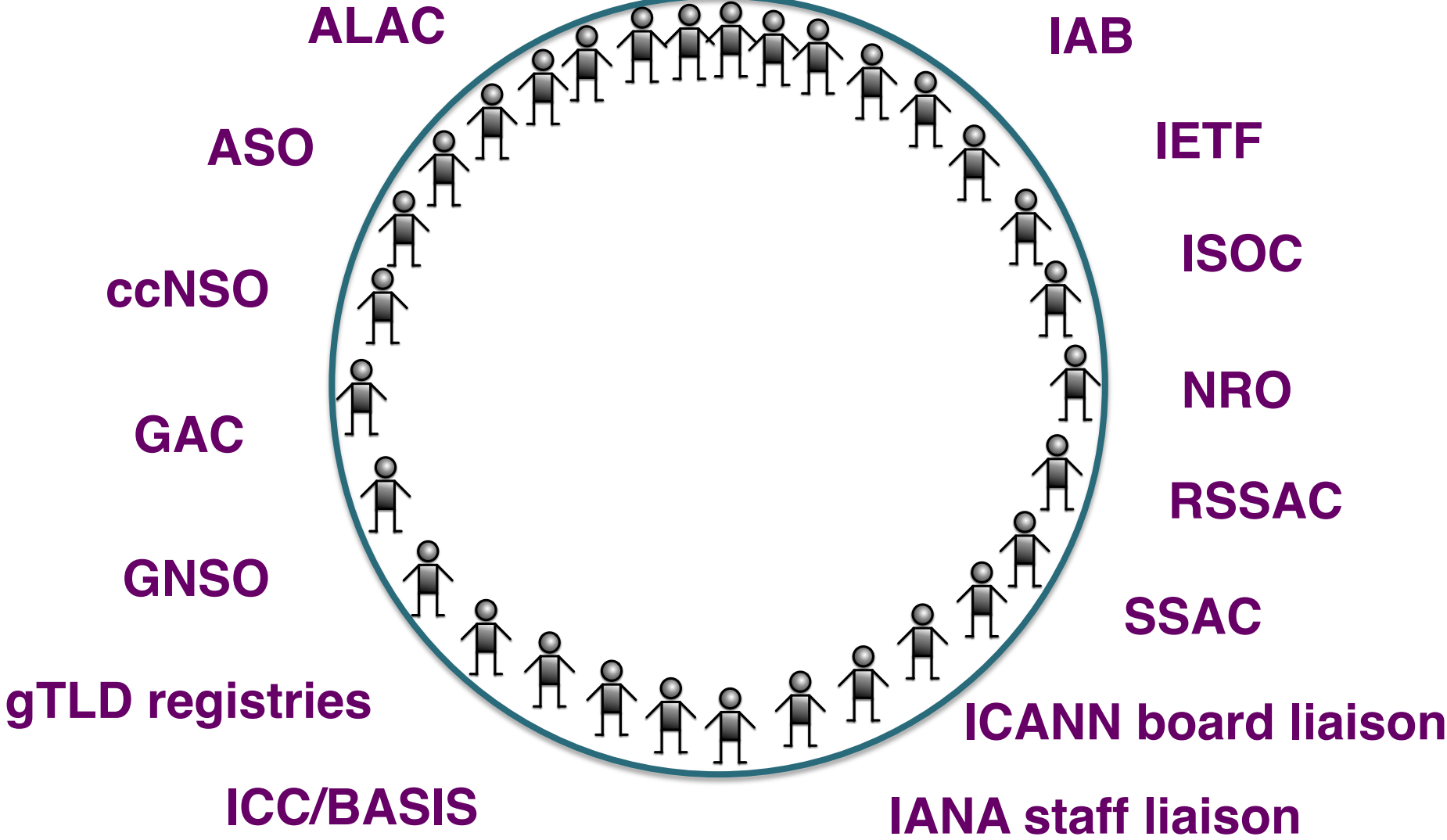# IANA Stewardship Transition Coordination Group (ICG)

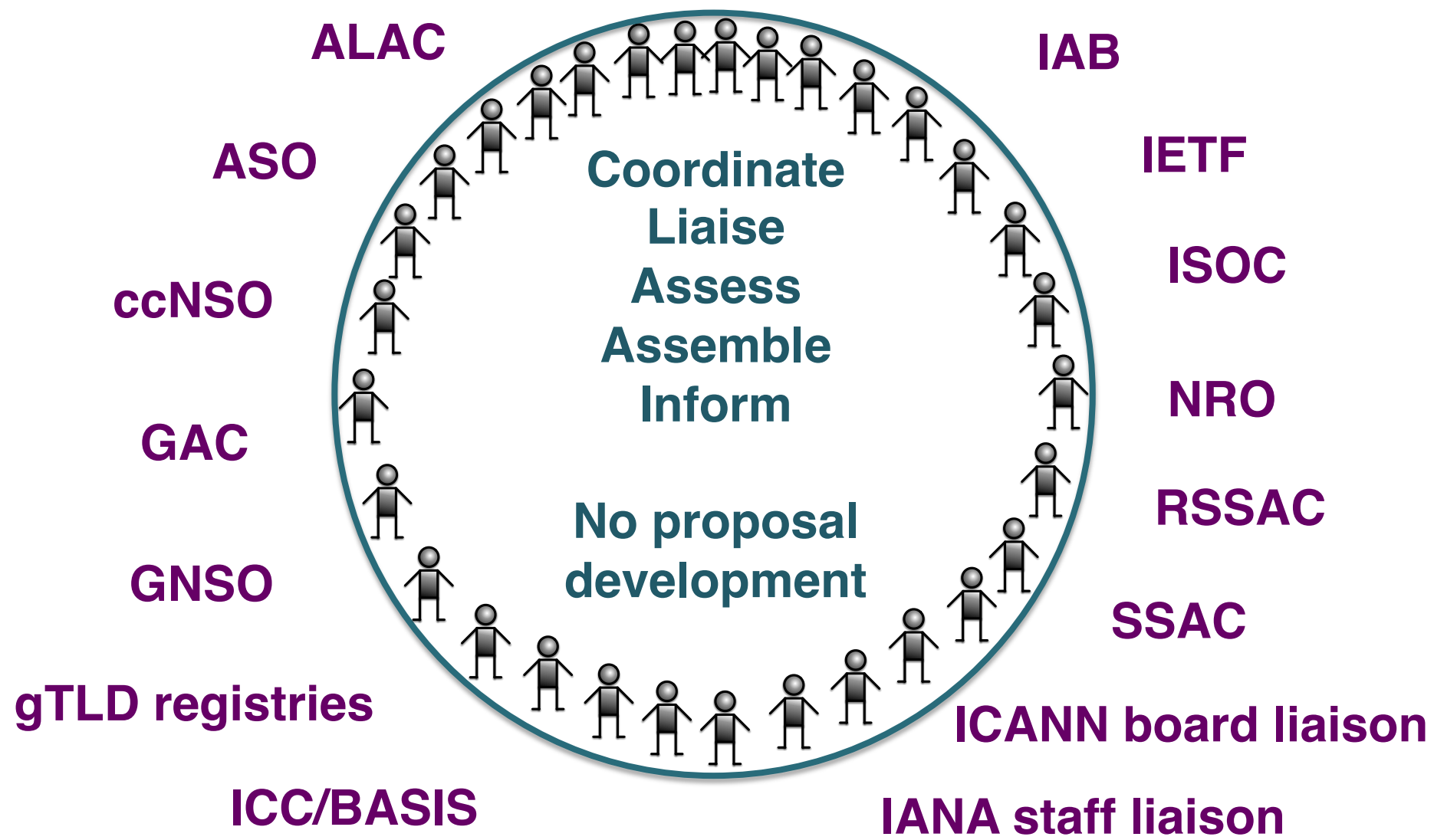## October 2014
ianacg.org

Transition background

- In March 2014, NTIA:
  - Announced intention to transition stewardship of IANA functions.
  - Asked ICANN to convene global stakeholders to develop a proposal to transition the current role played by NTIA.
- ICANN-initiated community process resulted in creation of IANA Stewardship Transition Coordination Group (ICG)
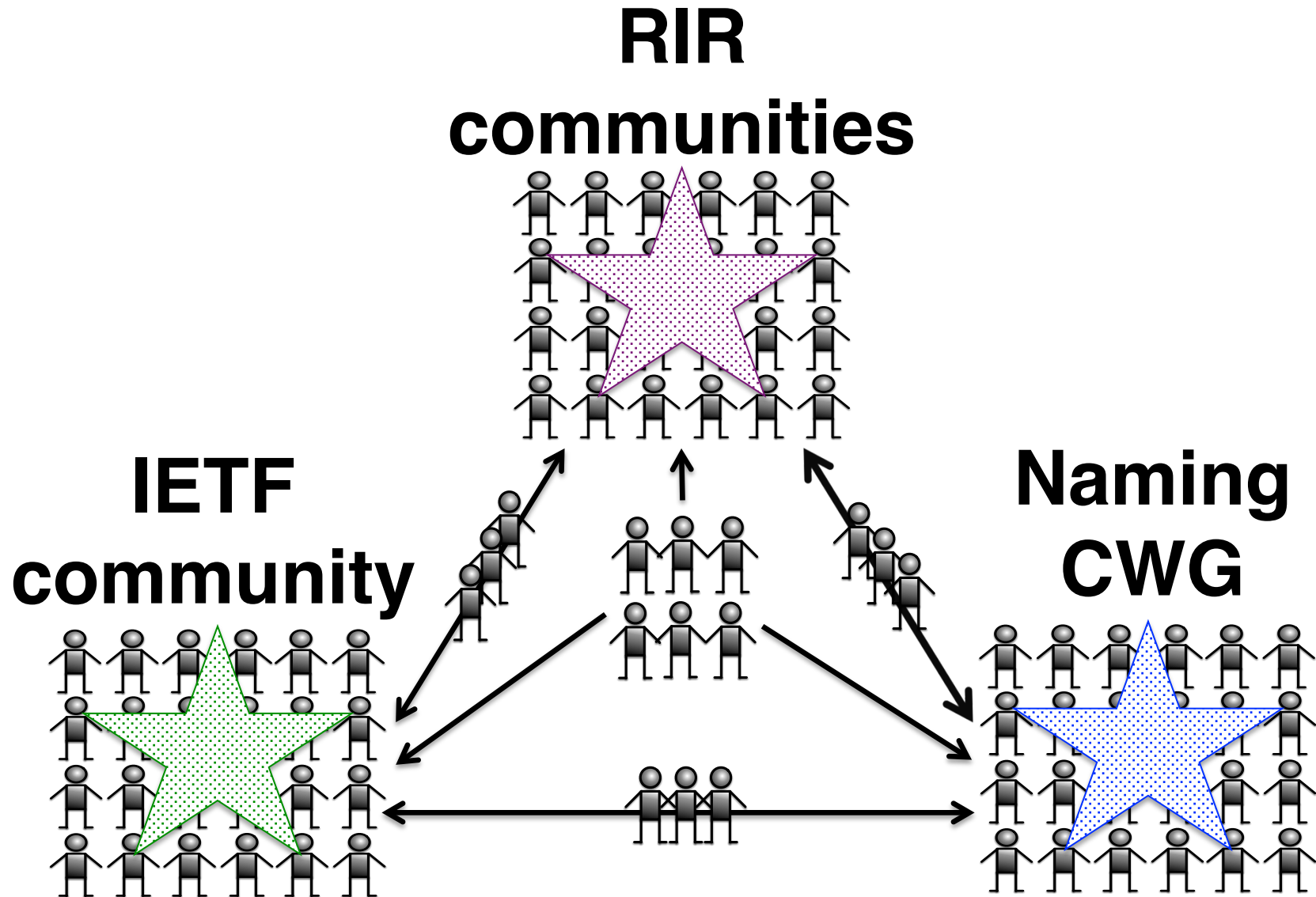
ICG

ALAC · ASO · ccNSO · GAC · GNSO · gTLD registries · ICC/BASIS · IAB · IETF · ISOC · NRO · RSSAC · SSAC · ICANN board liaison · IANA staff liaison

ICG

ALAC

ASO

ccNSO

GAC

GNSO

gTLD registries

ICC/BASIS

IAB

IETF

ISOC

NRO

RSSAC

SSAC

ICANN board liaison

IANA staff liaison

**Coordinate
Liaise
Assess
Assemble
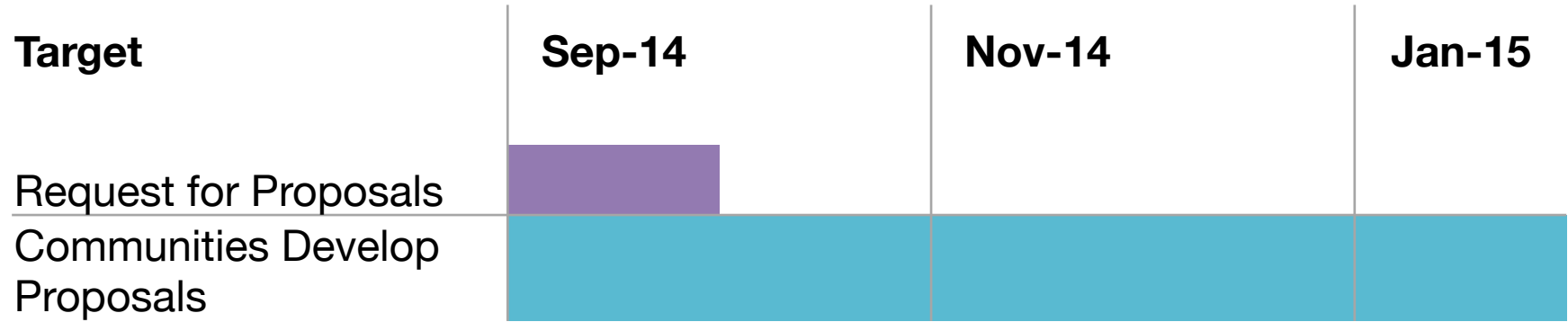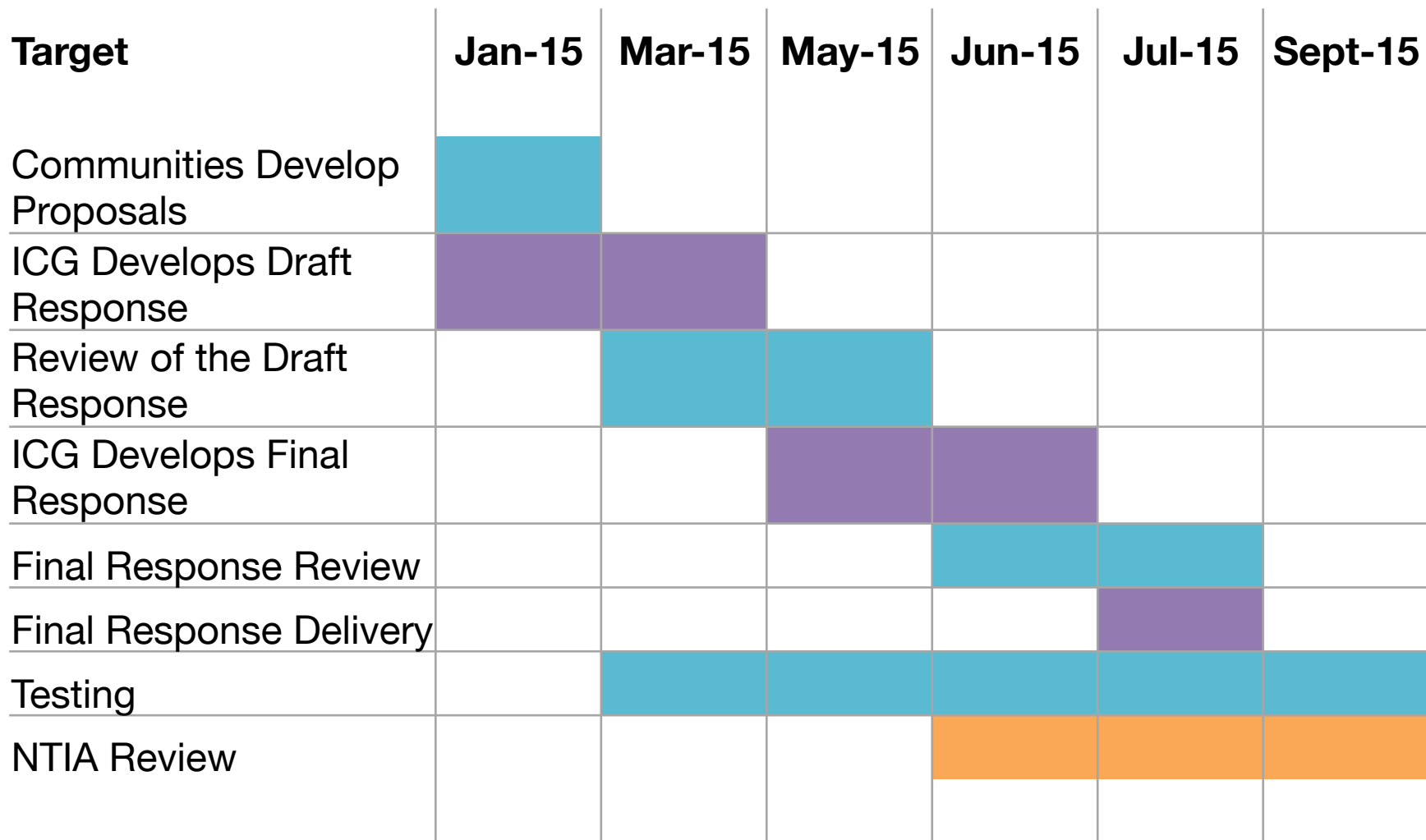Inform**

**No proposal
development**

Focus of transition

- IANA functions currently specified in NTIA contract. IANA activities related to:
  - Protocol parameters registry management
  - DNS root zone management
  - Internet numbers registry management
- Stewardship (not policy development, etc.)

Transition proposal development

RIR communities

IETF community

Naming CWG

Target	Sep-14	Nov-14	Jan-15
Request for Proposals			
Communities Develop Proposals			

ICG

Communities

Target	Jan-15	Mar-15	May-15	Jun-15	Jul-15	Sept-15
Communities Develop Proposals	Communities					
ICG Develops Draft Response	ICG	ICG				
Review of the Draft Response		Communities	Communities			
ICG Develops Final Response			ICG	ICG		
Final Response Review				Communities	Communities	
Final Response Delivery					ICG	
Testing		Communities	Communities	Communities	Communities	Communities
NTIA Review				NTIA	NTIA	NTIA

Legend:
- ICG
- Communities
- NTIA

References

- FAQ
  https://www.icann.org/resources/pages/icg-faqs-2014-10-10-en

- ICG Charter
  https://www.icann.org/en/system/files/files/charter-icg-27aug14-en.pdf

- RFP
  https://www.icann.org/en/system/files/files/rfp-iana-stewardship-08sep14-en.pdf

- Timeline
  – Description:
    https://www.icann.org/en/system/files/files/icg-process-timeline-08sep14-en.pdf
  – Graphic:
    https://www.icann.org/en/system/files/files/icg-process-timeline-graphic-10sep14-en.xlsx

- Mailing list archive:
  – http://mm.icann.org/pipermail/internal-cg/
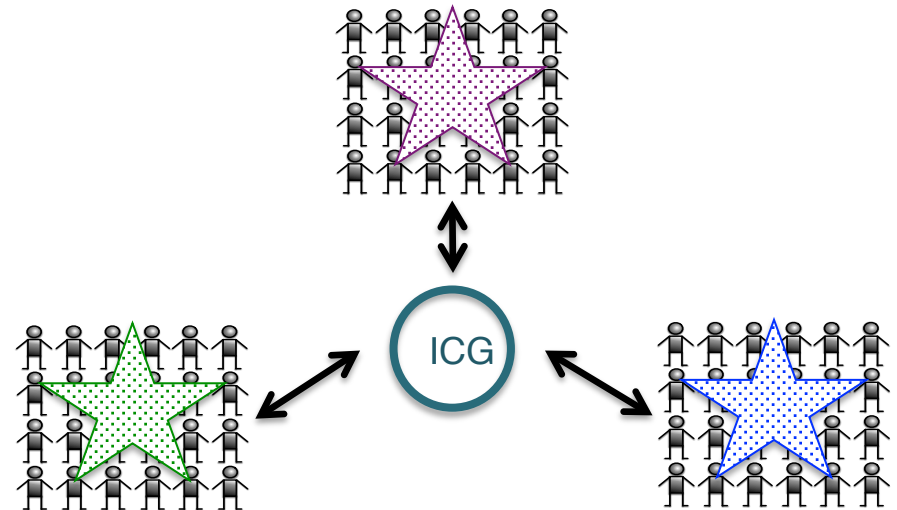
Reference slides

Community proposal elements

- IANA functions category and community use
- Existing pre-transition arrangements
  - Policy, oversight, accountability
- Post-transition oversight and accountability
- Transition implications
  - Operational requirements and continuity risks, legal framework requirements, workability evaluation, expected timeline
- How NTIA criteria were met
- Community process and consensus level

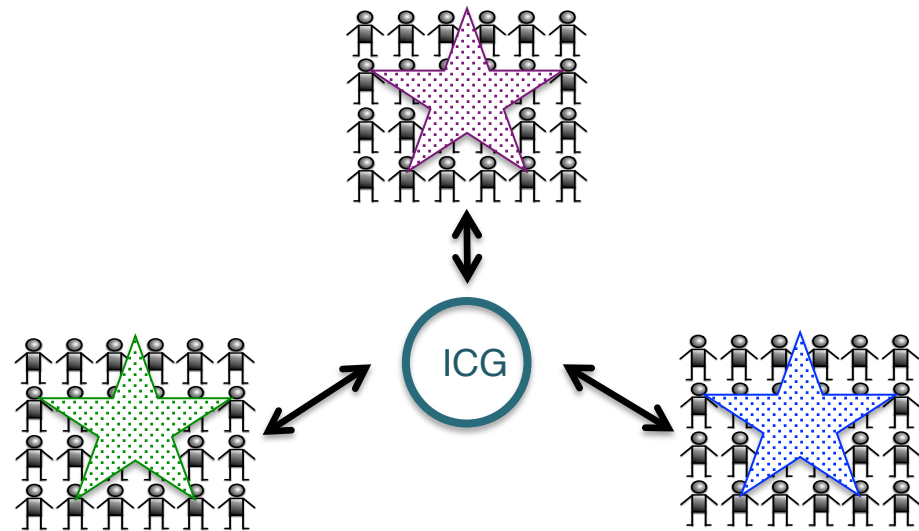# Steps towards a single proposal

1. Individual proposal assessment
   – Completeness
   – Clarity
   – NTIA criteria met
   – Community comments accommodated
   – Consensus level achieved
   – Inclusiveness of community process

Steps towards a single proposal

2. Unified proposal assessment
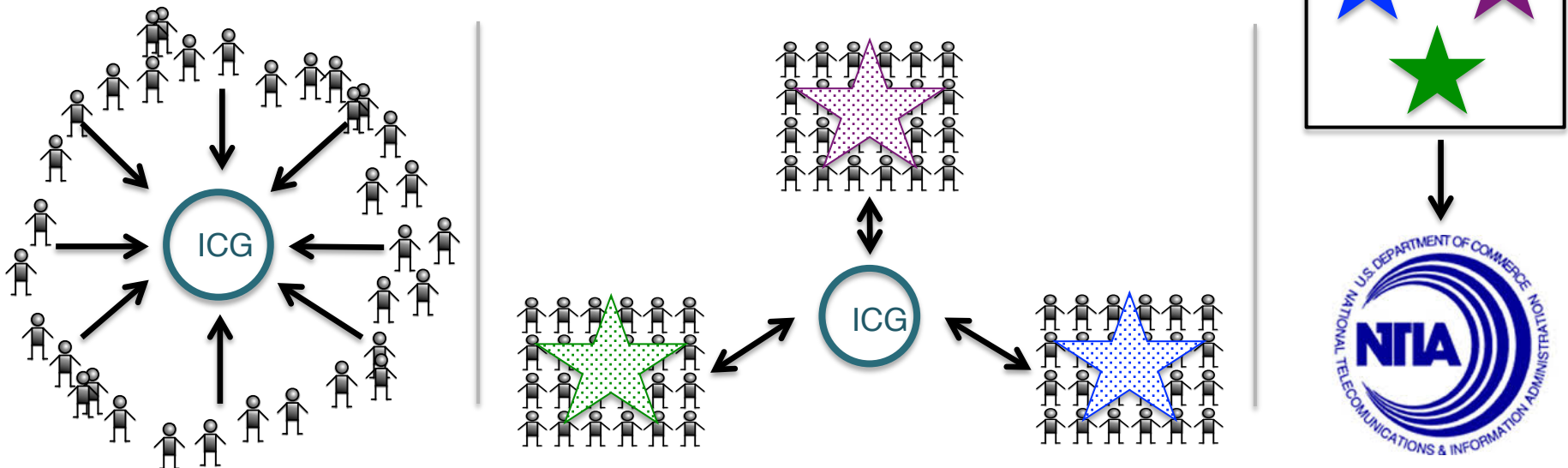
    – Compatability and interoperability

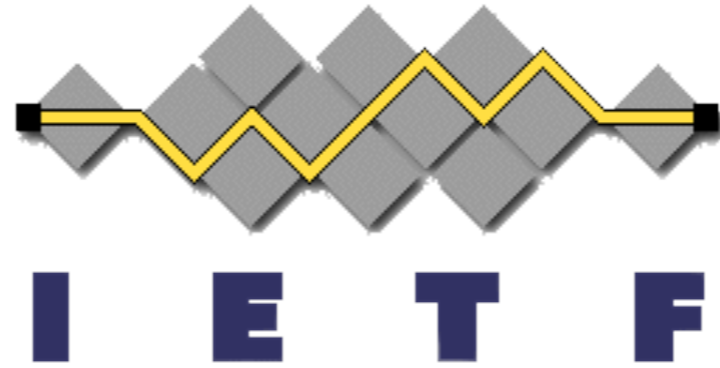   – Gaps/overlaps

    – Accountability
    (under discussion)

Steps towards a single proposal

3. Proposal finalization

  – Public comment

  – ICG review

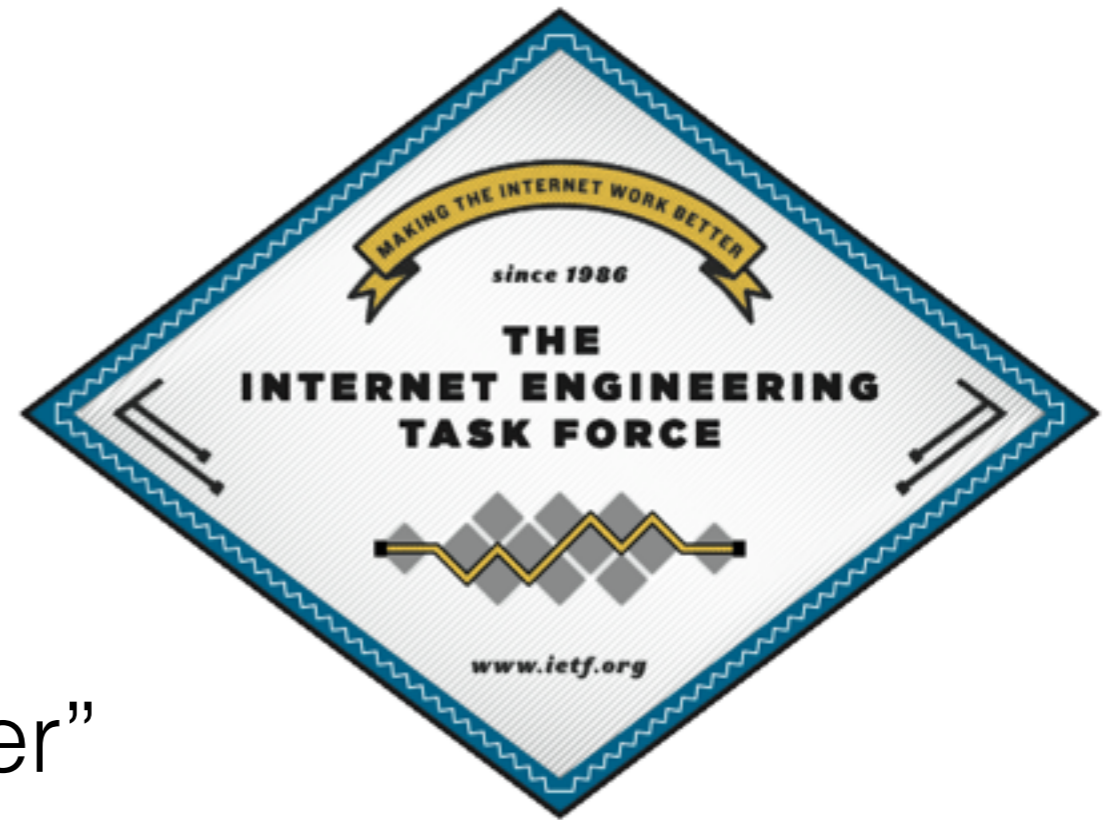 – Changes in communities if necessary

  – Submission

IANA Transition @ IETF

ICANN-51

Jari Arkko, IETF Chair & Ericsson Research
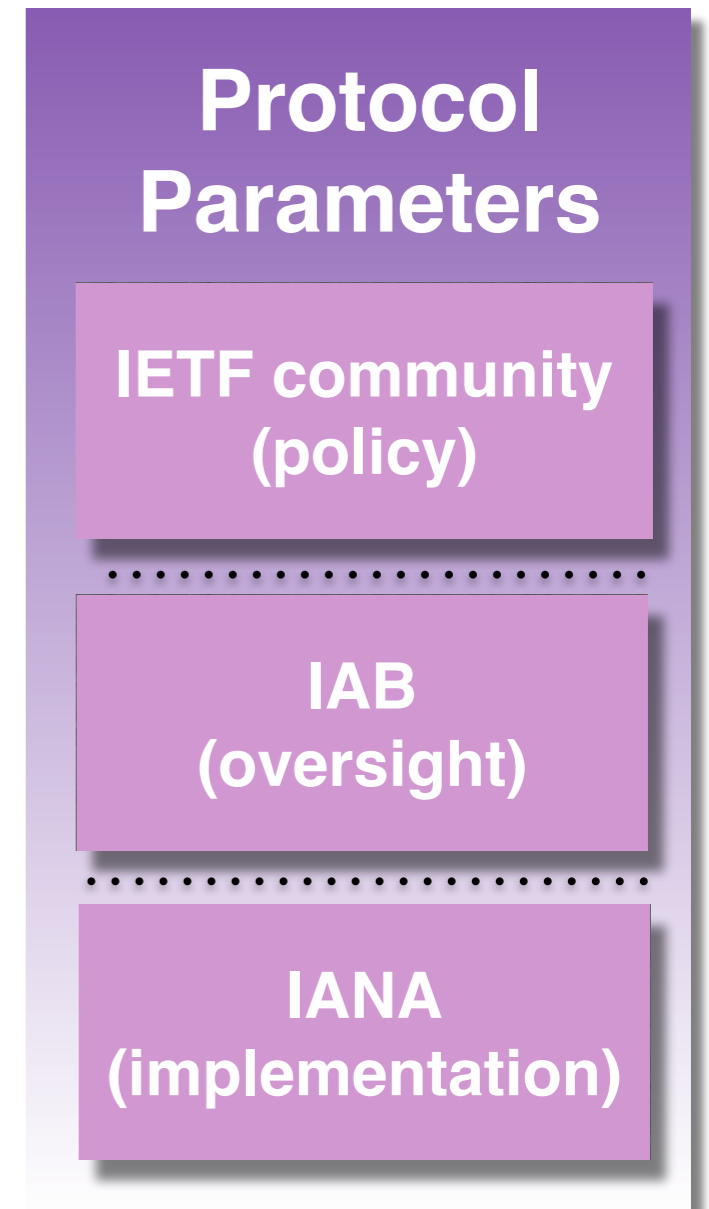Russ Housley, IAB Chair & Vigilsec

IETF

- "Make the Internet work better"

- A standards organisation that works on core Internet technology — TCP/IP, HTTP, VoIP, …

- Openness — anyone can participate, much of the work is done over the net

- Decisions based on community rough consensus

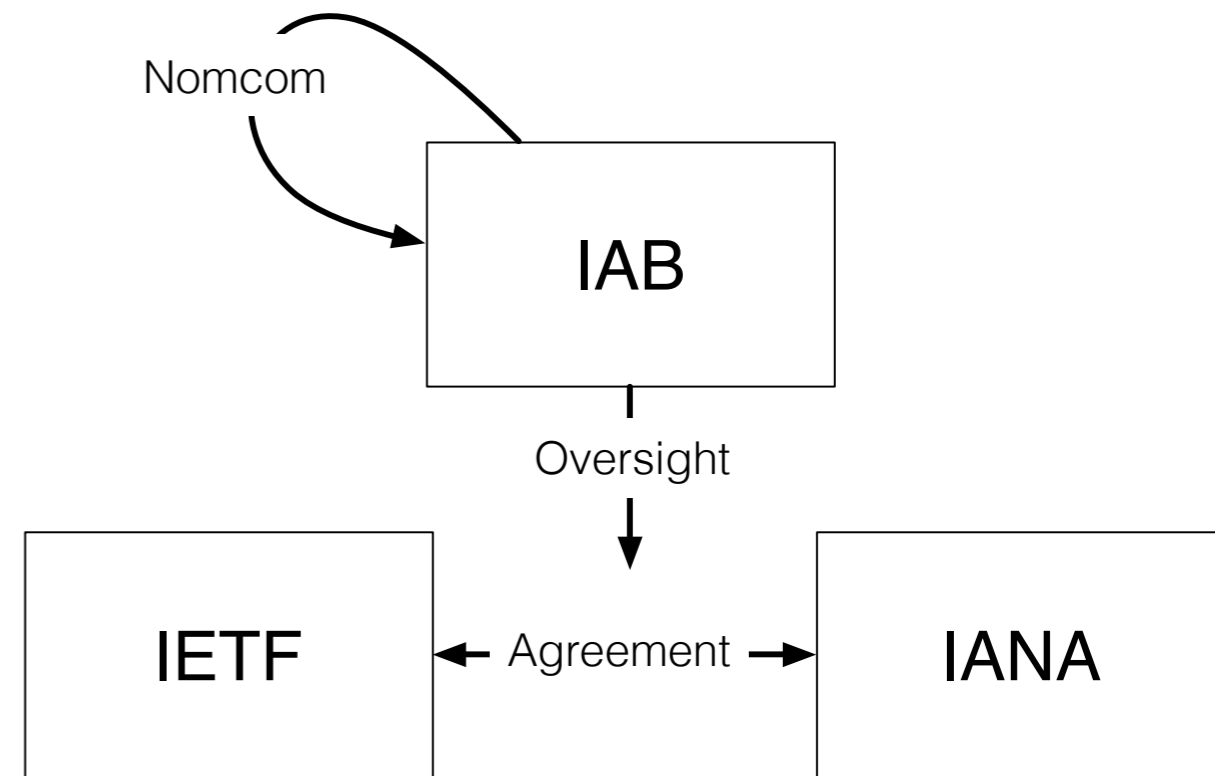- Participants are individuals, not organisations

IETF and IANA Roles

- Our standards require a registry of port numbers and other similar values

- Policy decisions for these allocations are at the IETF

- IANA arrangements have evolved over time

Protocol Parameters

IETF community (policy)

IAB (oversight)

IANA (implementation)

How Do IETF and IANA Work Together?

- Agreements specify roles

- Problems within IETF are subject to our usual processes

- Problems between IETF and IANA are subject to contract processes

- Oversight provided by the IAB

- Model has worked well for 15+ years, yearly improvements are made when needs/issues arise, and there is <u>no USG involvement</u>

Nomcom

IAB

Oversight

IETF ← Agreement → IANA

IANA Transition for the Protocol Parameters

- Transition planning takes place at the IANAPLAN working group — a draft plan is under discussion

- IETF community is very clear that transition needs to stay within current operational model

  - No change to roles of organisations

  - No new organisation needed

  - Still, an opportunity for improvement

Please Participate!

- If you — anyone in this room — have thoughts on IETF part of the transition, please share them

- Key issue for us is to ensure that IANA continues to be directed by community opinion

- And keeps on running & evolving

- See http://tools.ietf.org/wg/ianaplan

- And http://www.ietf.org/tao.html