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

IAB

ASO

IANA staff liaison

ccNSO

ICANN board liaison

GAC

ICANN board liaison

GNSO

ICANN board liaison

gTLD registries

IETF

ICANN board liaison

IETF

ISOC

IETF

NRO

IETF

RSSAC

IETF

SSAC

ICANN board 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
<table>
<thead>
<tr>
<th>Target</th>
<th>Sep-14</th>
<th>Nov-14</th>
<th>Jan-15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Request for Proposals</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communities Develop</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proposals</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ICG Communities
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Communities Develop Proposals</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICG Develops Draft Response</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Review of the Draft Response</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICG Develops Final Response</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final Response Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final Response Delivery</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Testing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NTIA Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
References

• FAQ

• ICG Charter

• RFP

• Timeline
  – Description:
  – Graphic:

• 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
   – Compatibility 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
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 no USG involvement
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.