Introduction to PTI

Elise Gerich

APTLD
March 2017
IANA Stewardship Transition High-level Overview
The U.S. Government’s Announcement

14 March 2014: U.S. Government announces intent to transition its stewardship of the IANA functions to the global multistakeholder community

The U.S. Government’s announcement:
- Marked the final phase of the privatization of the DNS
- Further supports and enhances the multistakeholder model of Internet policy making and governance

Why now?

ICANN was asked to serve as a facilitator, based on its role as the IANA functions administrator and global coordinator for the Internet’s Domain Name System (DNS)

30 September 2016: After more than 2 years of work by the ICANN multistakeholder community, the IANA stewardship transition was completed.
Parallel processes

The community developed two parallel processes:

IANA Stewardship Transition
Focused on delivering a proposal to transition the stewardship of the IANA functions to the multistakeholder community

Enhancing ICANN Accountability
Focused on ensuring that ICANN remains accountable in the absence of its historical contractual relationship with the U.S. Government
The IANA Stewardship Transition Coordination Group (ICG) was formed in July 2014 to assemble and deliver a proposal to NTIA through the ICANN Board

- The ICG was made up of **30 individuals** representing **13 communities** of both direct and indirect stakeholders of the IANA functions
- The ICG’s responsibilities included:
  
  - Acting as a **liaison** to all interested parties, including the three operational communities of the IANA functions
  - Assessing the outputs of the three operational communities for **compatibility** and **interoperability**
  - Assembling a complete proposal for the transition
  - Information sharing and public communication
Request for Transition Proposal Structure

Names Proposal

- Meetings
- Mailing list discussion
- Public comments

Numbers Proposal

- Meetings
- Mailing list discussion
- Public comments

Protocol Parameters Proposal

- Meetings
- Mailing list discussion
- Public comments

ICG (Combined) Proposal
Operational interactions between the communities and the IANA functions operator are not pictured.
PTI Overview
Public Technical Identifiers (PTI) is an affiliate of ICANN that is responsible for performing the IANA functions and delivering the IANA Services, on behalf of ICANN.

PTI implements agreed policies and principles developed by the ICANN multistakeholder community.
PTI Overview

Legal
- Nonprofit public benefit corporation
- ICANN is sole Member
- Domiciled in California
- 501(c)(3) tax status

Organization
- Annual budget developed in consultation with the community
- 4-year strategic plan updated annually
- Annual independent financial audit of PTI financials

Operations
- Perform name, protocol parameters, and number services via contract and subcontract with ICANN
- All resources required to perform services will be provided by ICANN

Board
- 5 directors appointed by ICANN
- 3 from ICANN/PTI staff
- 2 elected by ICANN NomCom process

Officers
- President – Elise Gerich
- Treasurer – Becky Nash
- Secretary – Samantha Eisner

Staff
- No change in personnel performing the IANA functions
- Existing IANA department staff seconded from ICANN to PTI
What Stays the Same?

<table>
<thead>
<tr>
<th>The definition of the IANA functions</th>
<th>Domain Names, Numbering Resources, and Protocol Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>The registries related to names, numbers and protocol parameters</td>
<td>IANA Department staff are seconded to PTI</td>
</tr>
<tr>
<td>Individuals performing the work</td>
<td>The operational reports of the IANA services will remain on iana.org</td>
</tr>
<tr>
<td>Location of the operational information</td>
<td>Methods for submitting changes or updates to the registries</td>
</tr>
</tbody>
</table>
## ICANN Ecosystem with PTI

<table>
<thead>
<tr>
<th>Domain Names</th>
<th>Numbering Resources</th>
<th>Protocol Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oversight</td>
<td>CSC</td>
<td>Review Committee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IETF &amp; IAB leadership</td>
</tr>
<tr>
<td>Policy</td>
<td>ICANN</td>
<td>ASO</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IETF</td>
</tr>
<tr>
<td>Operations</td>
<td>PTI</td>
<td>ICANN</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ICANN</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(subcontracted to PTI)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(subcontracted to PTI)</td>
</tr>
</tbody>
</table>
The 2000 Memorandum of Understanding between ICANN and IETF remains in place for the performance of the protocol parameters services. Every year, ICANN and IETF negotiate a Supplemental Agreement. The 2016 version was signed at ICANN56.

As proposed by the ICG proposal, ICANN subcontracted the performance of the protocol parameters services to PTI.

ICANN continues to be accountable for the performance of the protocol parameters services to the IETF.
Relationship between RIRs and PTI

ICANN entered into a Service Level Agreement with the RIRs for the performance of the IANA number services.

As proposed by the ICG proposal, ICANN subcontracted the performance of the IANA number services to PTI.

ICANN continues to be accountable for the performance of the IANA number services to the RIRs.
ICANN contracted with PTI for the performance of the IANA naming services.

The Customer Standing Committee (CSC) provides oversight of the performance of the IANA naming services.
The Root Zone Maintainer Agreement (RZMA) has been subcontracted to PTI.

ICANN contracted with Verisign to perform the root zone maintainer function (RZMA).
There is a Services subcontracting agreement between ICANN and PTI that specifies the services (HR, IT, etc.) ICANN will provide to PTI in order for it to perform the IANA functions.
ICANN will sub-license the use of the IANA IPR to PTI for use in the performance of the IANA functions.

The IETF Trust will hold the IANA IPR and will license the use of the IPR to ICANN.

ICANN will sub-license the use of the IANA IPR to PTI for use in the performance of the IANA functions.
Who is on the PTI Board?

ICANN Board appoints 5 Directors, 3 from ICANN/PTI staff and 2 selected by ICANN NomCom.*

Elise Gerich  
Akram Atallah  
David Conrad  
Lise Fuhr  
Jonathan Robinson

* Lise and Jonathan were selected by an interim selection process, not by the NomCom, due to transition implementation planning/timing
Who do I contact?

I have a question about the IANA services, who do I contact?

To find governance documents, directors, agreements, and meetings of PTI, visit pti.icann.org.

The operational reports of the IANA services, including deliverables and information on the IANA functions visit iana.org.

Operational questions can still be sent to:
• iana@iana.org

PTI staff will receive emails sent to either an ICANN or IANA email address:
• elise.gerich@icann.org or elise.gerich@iana.org
Thank You!
Questions?

Elise Gerich
March 2017