

# IANA Stewardship Transition What Does It Mean for Us?

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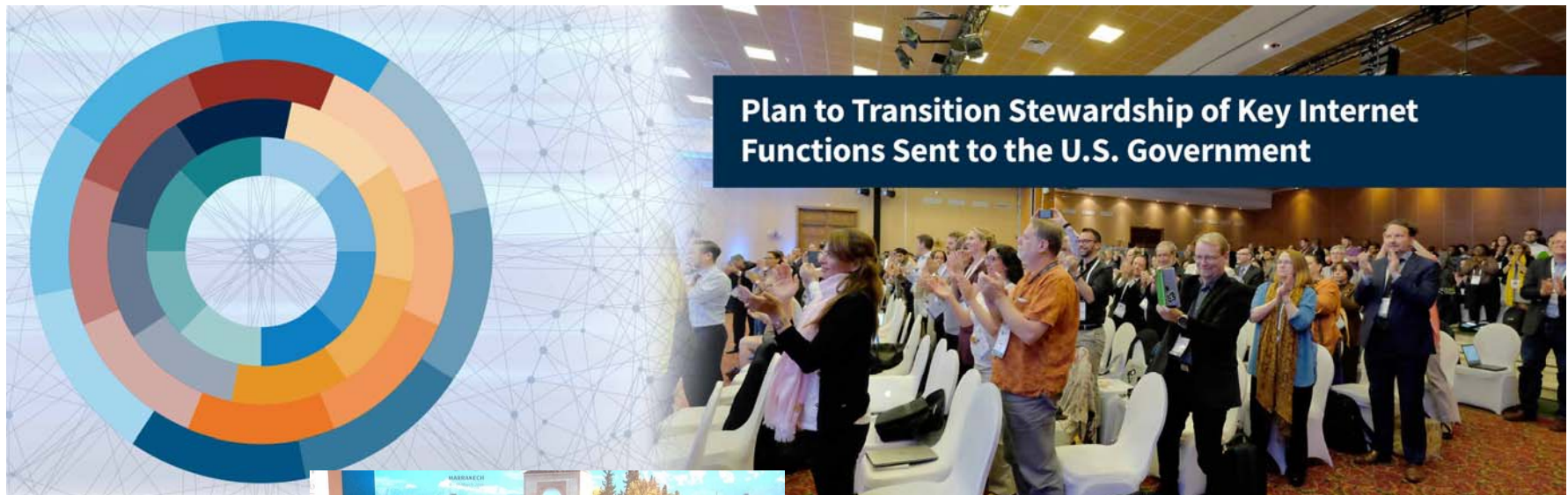
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# ICANN55@Marrakech

- **10<sup>th</sup> March 2016**

ICANN Board Transmits IANA Stewardship Transition Proposal and Enhancing ICANN Accountability Recommendations to NTIA



<https://www.icann.org/stewardship-accountability>

# US to sacrifice control of internet domain-governing body in place of multilateral body

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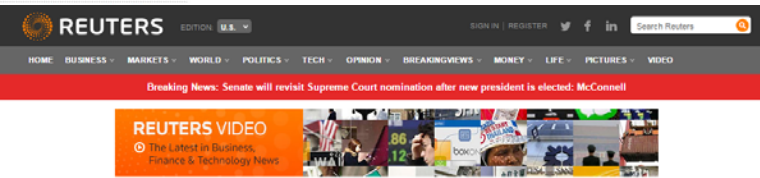


China will be one of many 'stakeholders' in the new model governing the Internet Corporation for Assigned Names and Numbers (ICANN). Chinese President Xi Jinping said last year at the World Internet Conference that each country has the right to choose its own approach in internet governance. Photo: SCMP Pictures

The organisation responsible for controlling internet domain names and addresses will be governed by a "multi-stakeholder" model later this year as the current steward, the United States, has lost credibility in the wake of the much-publicised leaks by former NSA contractor Edward Snowden.

The new model, which will take effect sometime between September and late December, will include the participation of governments, businesses and individuals, according to the Internet Corporation for Assigned Names and Numbers (ICANN).

<http://www.scmp.com/tech/enterprises/article/1907118/us-sacrifice-control-internet-domain-governing-body-place>



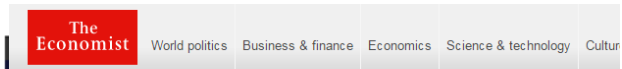
Technology | Thu Mar 10, 2016 6:19pm EST  
**U.S. plan to relinquish Internet domain control moves forward**  
WASHINGTON | BY DUSTIN VOLZ



Fadi Chehadé, president and CEO of Internet Corporation for Assigned Names and Numbers (ICANN), attends a meeting with Brazil's President Dilma Rousseff (not seen) at the Planalto Palace in Brasília October 9, 2013. REUTERS/SELBY MARCELO/REUTERS

A years-long Obama administration push to cede oversight of the nonprofit in charge of the Internet's technical management to the global community moved ahead on Thursday, as officials said the plan was on track to be implemented before the U.S. presidential

<http://www.reuters.com/article/us-internet-icann-idUSKCN0WC2XR>



**Internet governance**  
**We the networks**  
The organisation that runs the internet address book is about to declare independence  
Mar 5th 2016 | From the print edition



IF A satirist were to create a parody of an international conference, amping up the insularity and tedious intricacies for comic effect, he might come up with something rather like the meeting that will take place this week in Marrakech. The Internet Corporation for Assigned Names and Numbers, known as ICANN, will bring together 1,300 participants for 346 sessions. The gatherings include "NCPH Reception and Informal Meeting: CSG with the NCSG" and "CJK Generation Panels Co-ordination Mtg with Integration Panel".

Barring any last-minute hiccups, though, something remarkable will happen at the meeting. After two years of negotiations, ICANN is set to agree on a reform that would turn it into a new kind of international organisation. If this goes ahead, a crucial global resource the

<http://www.economist.com/news/international/21693922-organisation-runs-internet-address-book-about-declare-independence-we?fsrc=rss%7Cint>

# Background

- **NTIA under US DoC has announced its intention to transition its stewardship to the global multistakeholder community – Mar 2014**
- <https://www.ntia.doc.gov/press-release/2014/ntia-announces-intent-transition-key-internet-domain-name-functions>



# IANA Functions



The Internet Assigned Numbers Authority (IANA) is responsible for the global coordination of the DNS Root, IP addressing, and other Internet protocol resources. [Learn more.](#)

## Domain Names

IANA manages the DNS Root Zone (assignments of ccTLDs and gTLDs) along with other functions such as the .int and .arpa zones.

- Root Zone Management
- Database of Top Level Domains
- .int Registry
- .arpa Registry
- IDN Practices Repository

## Number Resources

IANA coordinates allocations from the global IP and AS number spaces, such as those made to Regional Internet Registries.

- IP Addresses & AS Numbers
- Network abuse information

## Protocol Assignments

IANA is the central repository for protocol name and number registries used in many Internet protocols.

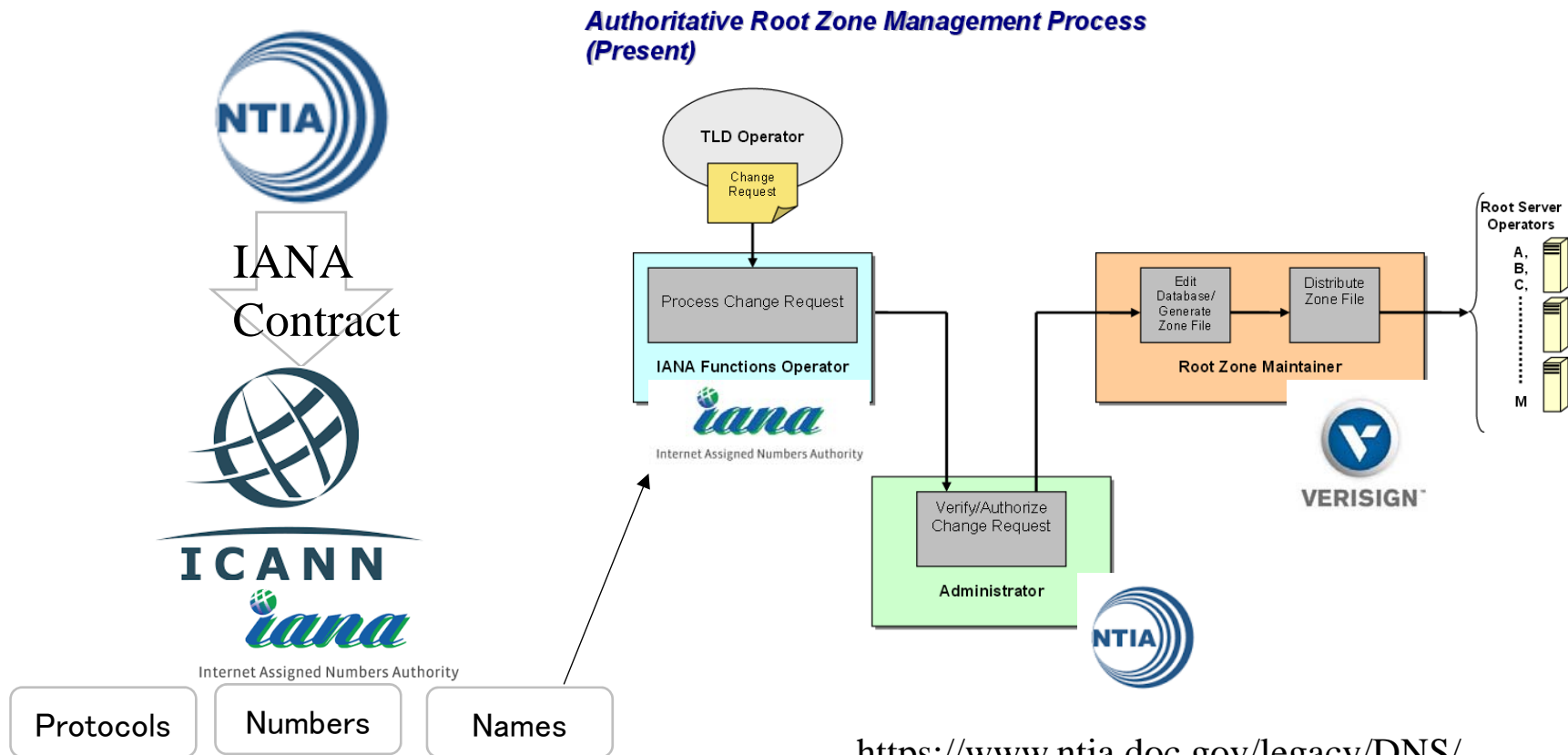
- Protocol Registries
- Apply for an assignment
- Time Zone Database

<http://www.iana.org/>

# Role of NTIA on IANA functions

Select and contract with IANA functions operator

Verify/Authorize Change Request of root zone file



<https://www.ntia.doc.gov/legacy/DNS/CurrentProcessFlow.pdf>

# Questions around the USG stewardship

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- **USG's special role on the critical resources**
- **USG's role on root zone file**
- **MoU between USG and ICANN - Initially two years term**
- **Often raised in wider Internet Governance discussions as symbol of "US controlling the Internet"**

# Does the stewardship transition matter to us?

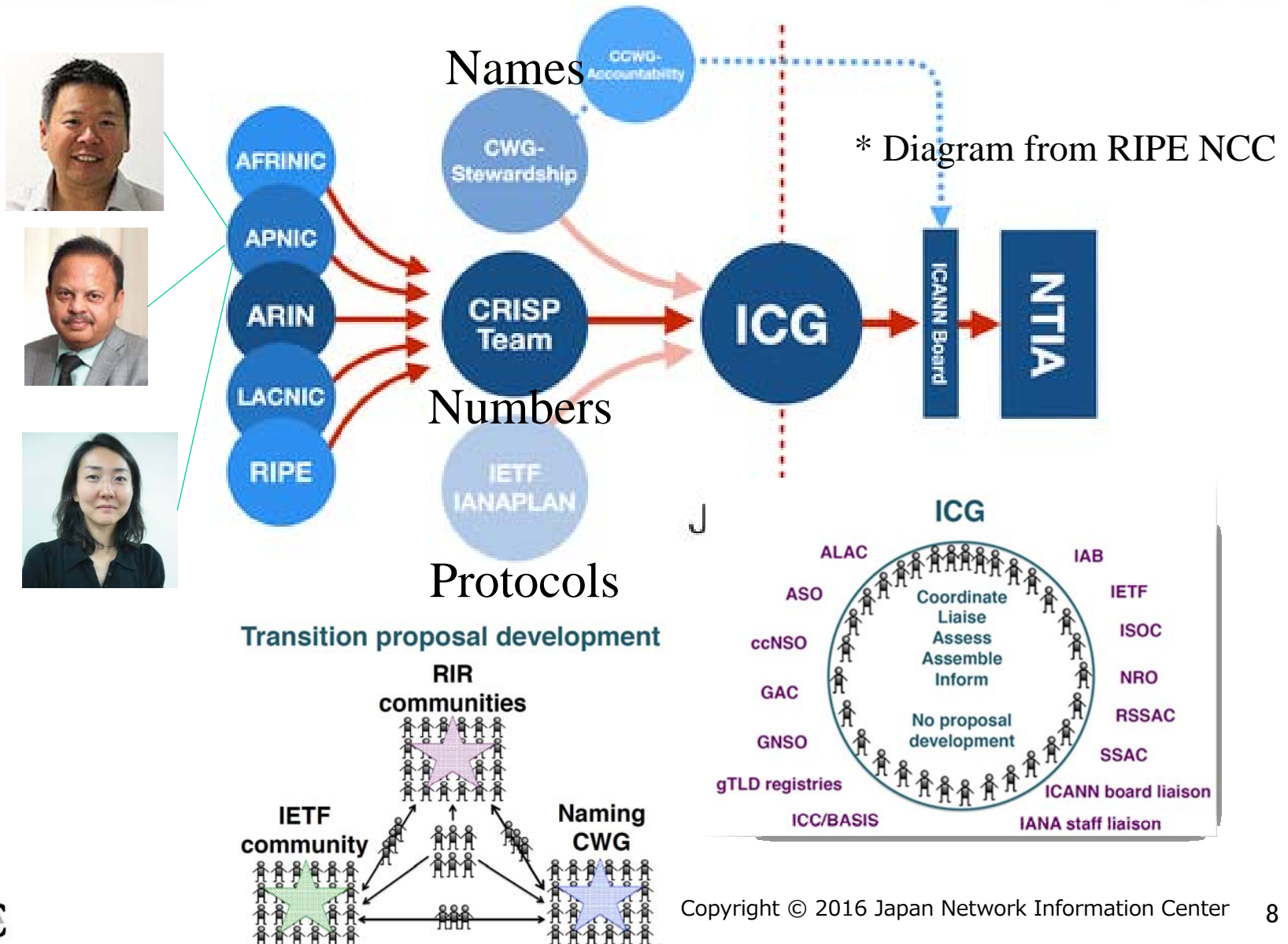
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Depends on your focus...

- **For operation of the IANA functions:**
  - It should not matter as long as stable and secure operation and services are ensured
- **To minimise political interference :**
  - Reduce concerns in internet governance discussions that US is “controlling” the IANA functions
- **Demonstrating effectiveness of open, bottom up community process**
  - Some are watching its effectiveness
  - First case where multiple communities on the IANA functions work together on a common issue



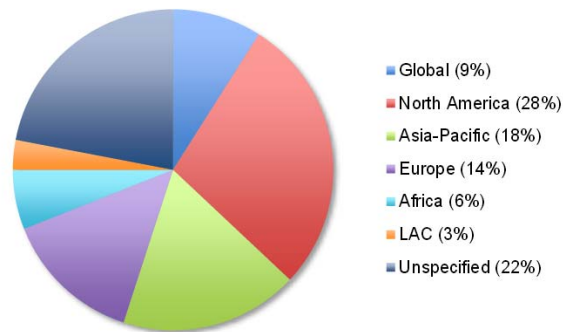
# Open and Collaborative Process



# Reflection on the proposal development

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- **Inputs from the Asia Pacific region was substantial during public comments**



- **Confirmed strength and good spirit of our existing communities**
- **Enhanced collaboration across communities involved in the IANA functions**

# A single government → Communities with open participation & expertise

## Now

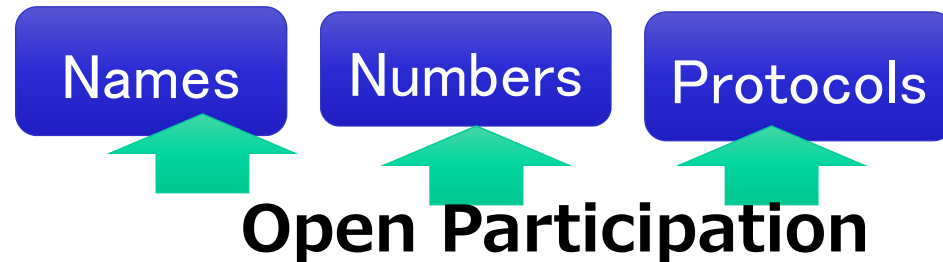
A single  
government  
of a single  
country



## Proposal

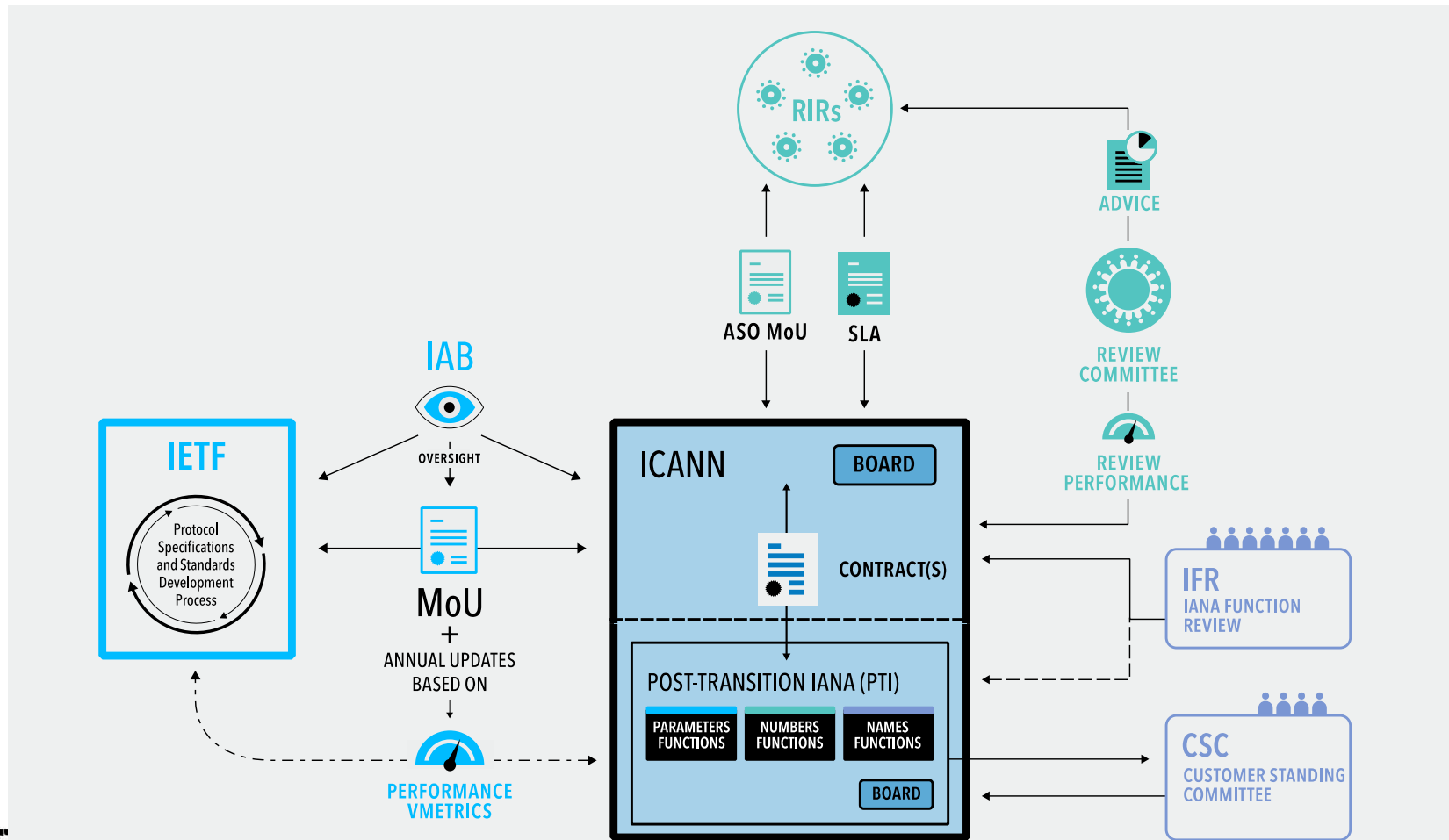
Bottom-up  
communities with  
open participation  
and expertise

## Operational Communities



# Combined Proposal Overview

Each community/customer of IANA functions will have stewardship on its respective functions



# Key elements of the proposal

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- **Names**

- “PTI” will be set up, as a subsidiary of ICANN, to run the IANA functions
- Committees set up within PTI to minister service level for names functions, decisions on change of operator
- NTIA’s role of approving the root zone changes will not be replaced (simply removes this step)

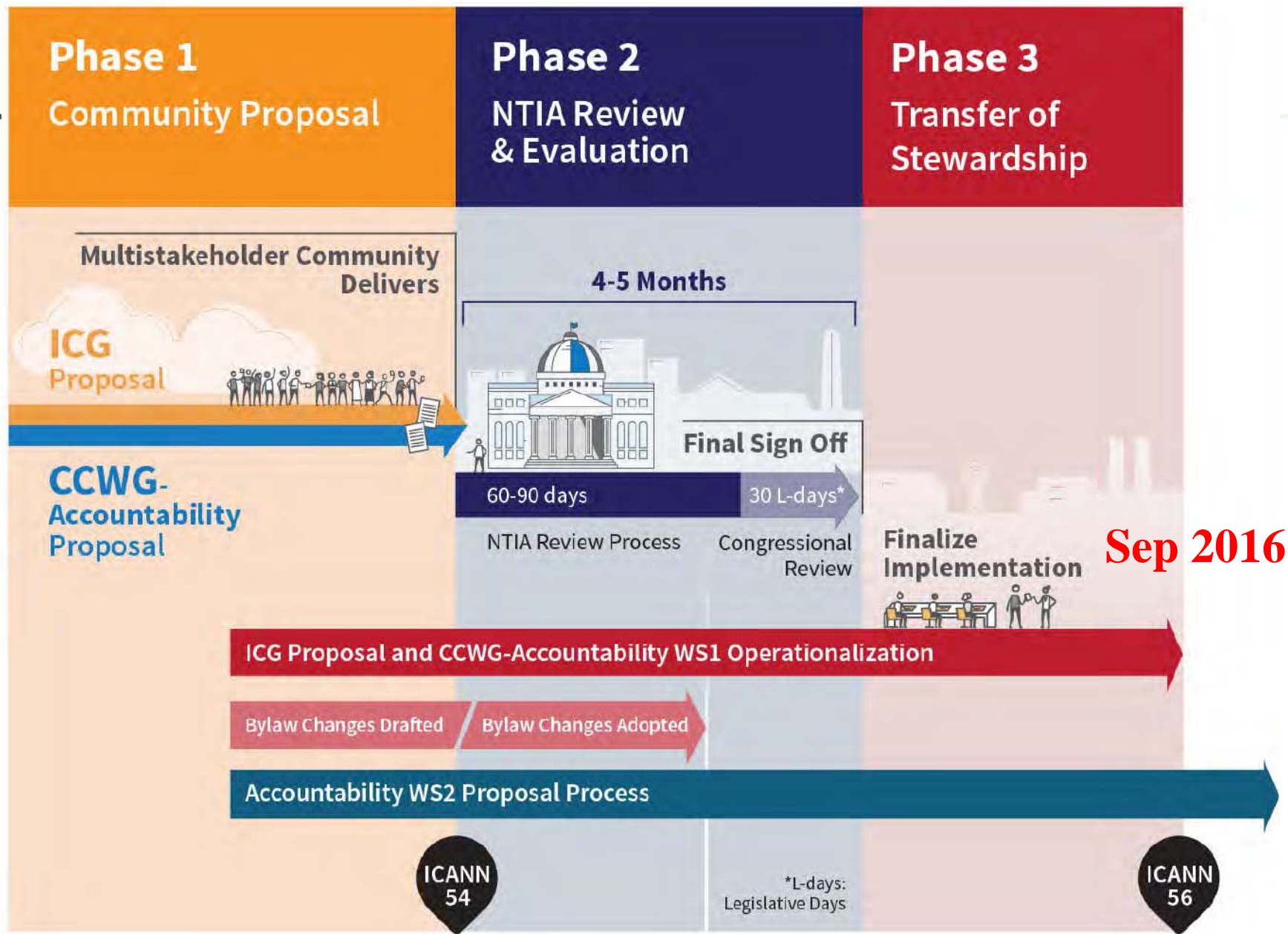
- **Numbers**

- RIRs exchange SLA with ICANN on IANA Numbering Services, instead of NTIA
- Review Committee, with representatives from each RIR region advices RIRs on evaluating service level

# Key elements of the proposal

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- **Protocols**
  - Maintains its MoU with ICANN on protocol parameters function with SL requirements
- **Additional notes for implementation**
  - Verisign will exchange agreement with ICANN on root zone management, instead of with NTIA
  - IANA, Versigin, root zone operators to update operational procedures in changes to root zones, without approval from NTIA needed for implementation



# What implications does it have?

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- **Demonstrated bottom up, open cross-community process works in a form of a concrete proposal**
- **Process enhanced networking and collaboration cross- communities – good ground work for the stewardship mechanism post-transition**
- **Demonstrating effectiveness of existing communities are important in wider internet governance discussions as well**



# Number Community Colleagues@ICANN 55

