

A decorative graphic at the top of the slide consisting of a network of interconnected nodes and lines, rendered in a light blue color against a dark blue background.

# Public Technical Identifiers “PTI”

At-Large Capacity Building Program 2016

A decorative graphic in the middle of the slide, similar to the one at the top, consisting of a network of interconnected nodes and lines in light blue on a dark blue background.

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A decorative graphic at the bottom of the slide, similar to the others, consisting of a network of interconnected nodes and lines in light blue on a dark blue background.

The image features a world map where the continents are defined by a complex network of white nodes and connecting lines. The nodes vary in size, and the lines are thin and light-colored. The entire background is a solid, muted orange color. The text 'The IANA' is positioned on the left side of the map, over the North American continent.

# The IANA

# A Bit of History

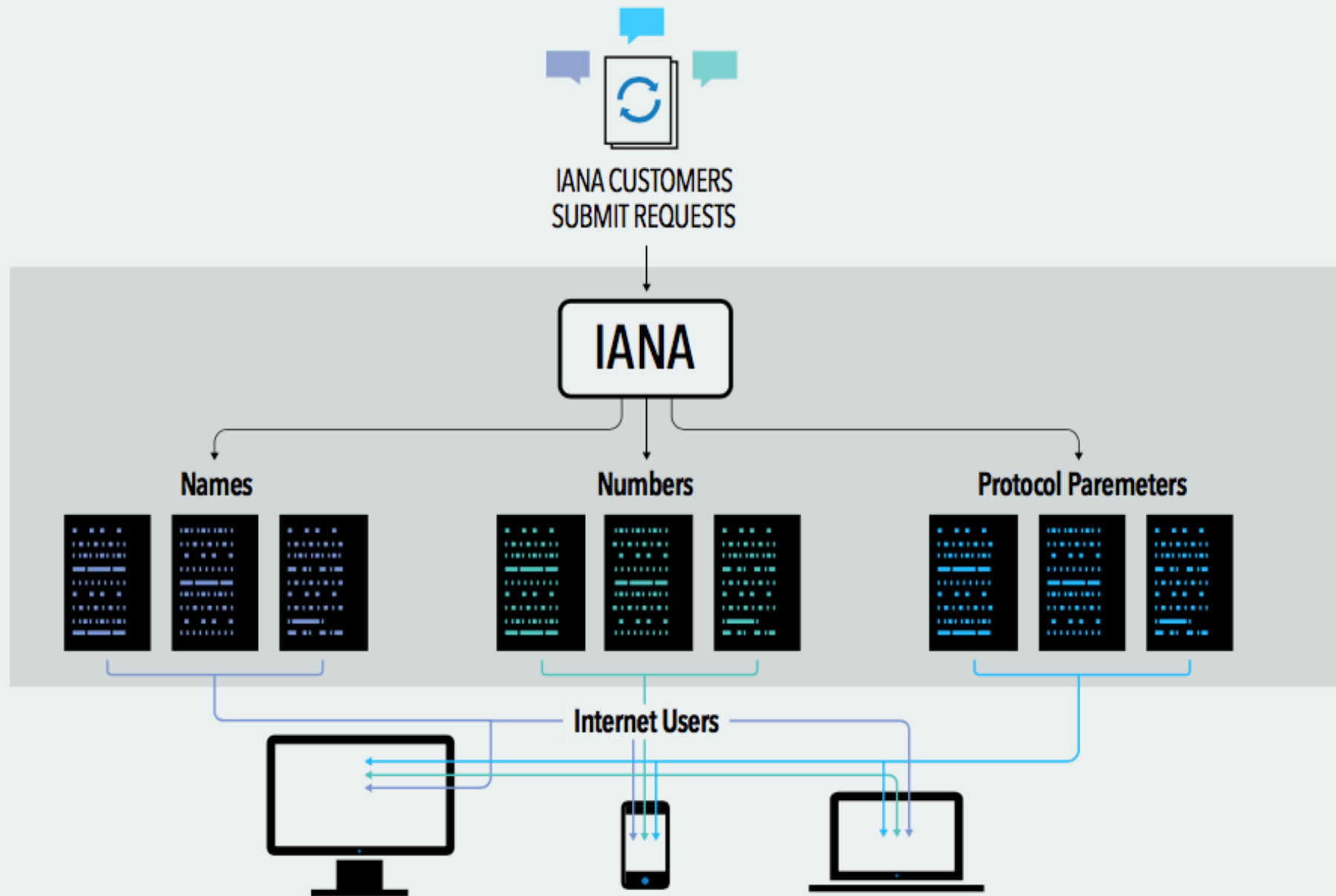
Prior to the establishment of ICANN, IANA was administrated primarily by *Jon Postel* at the Information Sciences Institute (ISI), at the University of Southern California (USC), under a contract USC/ISI had with the US Department of Defense, until ICANN was created to assume the responsibility under a contract with US Department of Commerce



# What is IANA and Its Functions ?

- Internet Assigned Numbers Authority
- Responsible for global Internet unique identifier systems
  - Domain names, number resources, and protocol assignments
- Founded in 1988 though its function has existed since 1972
  - The first reference to the name “IANA” in the RFC series was in RFC 1060 published in 1990, but the function and the term was established well before that
  - RFC 1060 lists a series of earlier editions of itself starting with RFC 349 which was published in 1972
- Website at <http://www.iana.org/>

# What is IANA and Its Functions ?



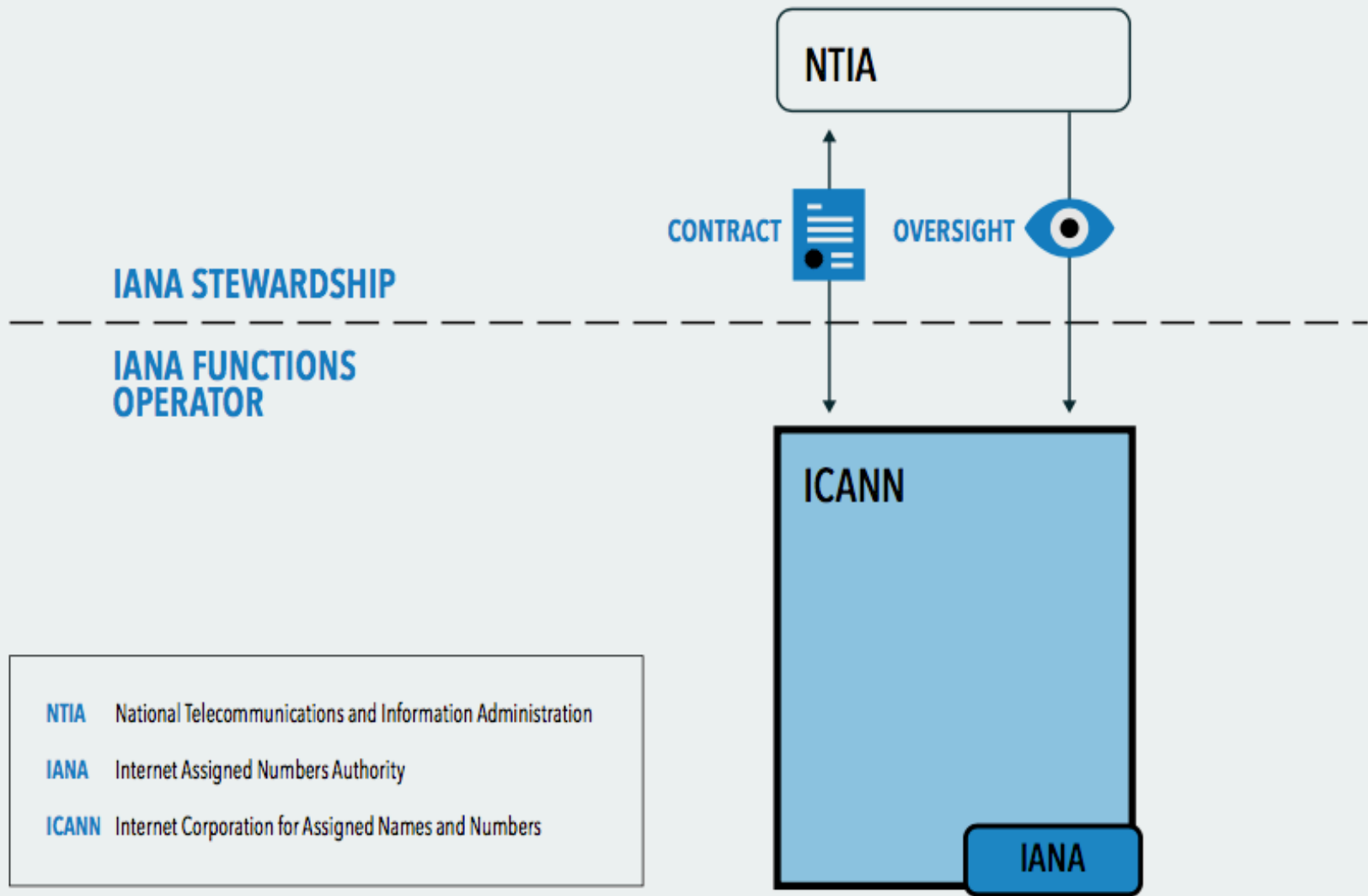
# What IANA Does Not Do?

- Does not set policy
  - Follow precedent where possible
  - Encourage review of its operations by the community
- Does not decide what the two letter codes should be
  - ISO 3166-1 standard provides these codes
- Does not decide who runs a ccTLD
  - The local Internet community decides this
  - IANA performs due-diligence to ensure requests accord with local Internet community view

# US Government and IANA

- ICANN performs the functions of IANA governed by a contract with the US Department of Commerce (DoC)
- US DoC authorizes all changes to the DNS root zone
  - IANA does all the processing, and when a change is ready, it is sent to the DoC as the final step before implementation
  - DoC directs Verisign to implement the change into the root
  - DoC notifies IANA when change is implemented

# US Government and IANA





# The IANA Transition Process

- On 14 March 2014, the U.S. Government (USG) announced its intent to transition its stewardship of the IANA functions to the global multistakeholder community;
- Asked ICANN to convene global stakeholders to develop a proposal to transition the current role played by the USG;
- ICANN was asked to serve as a convener based on its role as the IANA functions administrator (since 1998) and the global coordinator for the Internet's Domain Name System (DNS).
- The multistakeholder community has set the policies implemented by ICANN for more than 15 years.

# Why IANA Transition ?

- The USG always envisioned its role as transitional;
- Transitioning the USG out of its current role marks the final phase of the privatization of the DNS as outlined by the USG in 1997;
- The decision further supports and enhances the multistakeholder model of Internet policymaking and governance.

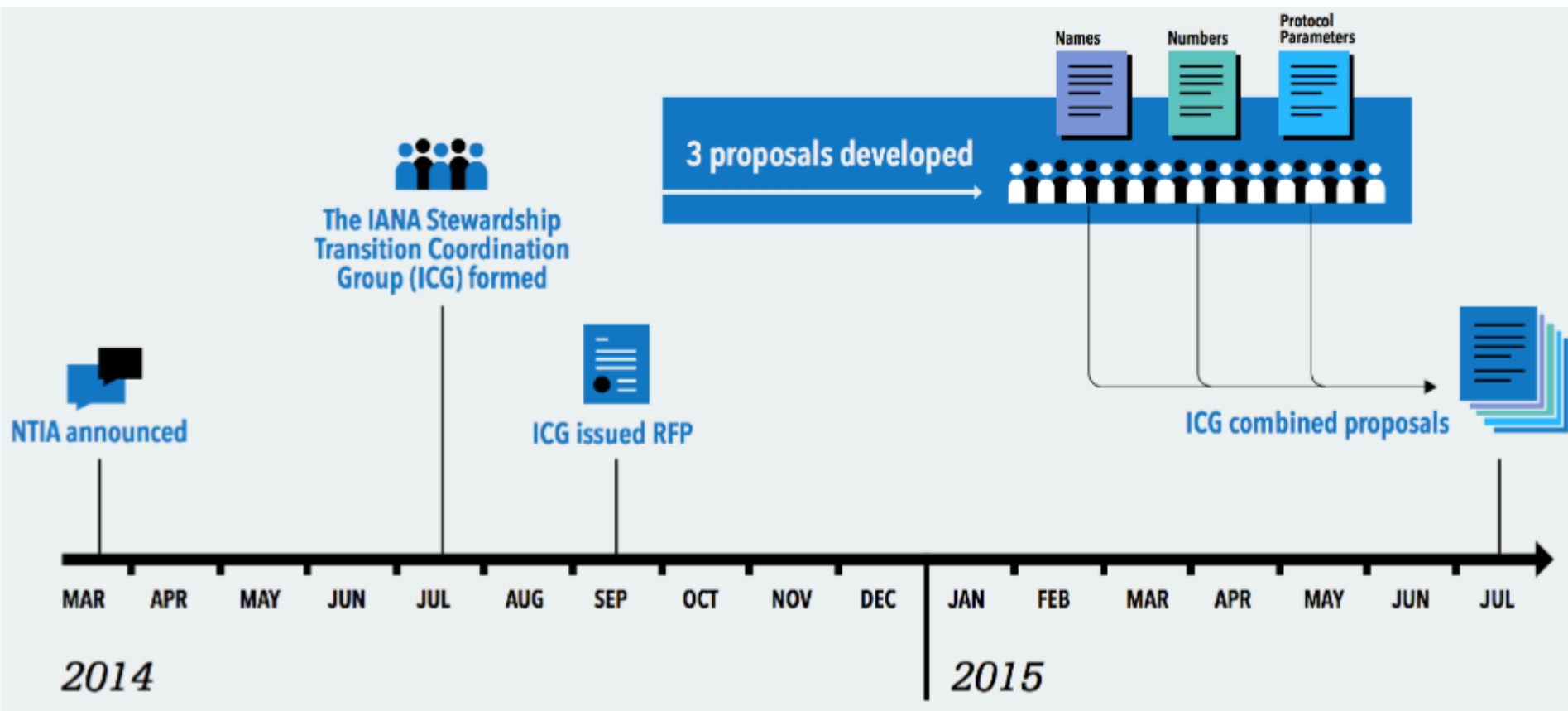
# IANA Transition Guiding Principles

- 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; and
- Maintain the openness of the Internet.

NTIA also specified that it will not accept a proposal that replaces the NTIA role with a government-led or an intergovernmental organization solution.

# A Lengthy Process

- ◆ ICG was Formed by the Global Internet Community
- ◆ The Community developed the transition proposal ( Bottom-up, Consensus based )



# A Lengthy Process

- ◆ The IANA transition proposal submitted to NTIA
- ◆ US Congress held hearings on the IANA transition
- ◆ ICANN Bylaw changes and implementation
- ◆ NTIA/ICANN Contract due to expired on 30 September 2016
- ◆ PTI Has been established ( August 2016 ) and currently operating IANA Functions since October 2016
- ◆ PTI web site : <http://pti.icann.org>

Thank YOU

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