ICANN Staff Presentation

CENTR Meeting

Pisa

12-10-99

Louis Touton

Andrew McLaughlin

ICANN

The Basic Bargain

ICANN =

Internationalization of Policy Functions for DNS and IP Addressing systems

+

Private Sector (Non-governmental) Management

Status Quo Ante

Most Internet DNS and IP Address coordination functions performed by, or on behalf of, the US government

- Defense Advanced Research Projects Agency (DARPA)
  - Information Sciences Institute (ISI) of University of Southern California
  - Stanford Research Institute (SRI)
- National Science Foundation (NSF)
  - IBM, MCI, and Merit
  - AT&T, General Atomics, Network Solutions, Inc.
- National Aeronautics and Space Administration (NASA)
- US Department of Energy

Need for Change

- Globalization of Internet
- Commercialization of Internet
- Need for accountability
- Need for more formalized management structure
- Dissatisfaction with lack of competition
- Trademark/domain name conflicts

White Paper Principles

White Paper: new policy/management structure must promote 4 goals:

- ◆ Stability
- ◆ Competition
- ◆ Private, bottom-up coordination
- ◆ Representation

White Paper Implementation

- Internet community to form non-profit corporation meeting White Paper's 4 criteria

- US Government (through Commerce Department) to transition centralized coordination functions

- Amendment of Network Solutions agreement to require competitive registrars in gTLD registries

- WIPO to recommend solutions for trademark/domain-name dilemma

Status of Transition from USG

- November 25, 1998 - ICANN recognized in MoU
- June, 1999 - Cooperative agreement among ICANN, US Government, root server operators
- November 10, 1999
  - ICANN and Network Solutions sign gTLD registry and registrar agreements
  - DoC transfers root authority over gTLDs to ICANN
- 2Q 2000 - Root server operator agreements
- September 30, 2000 - Target date for ICANN to settle all registry/registrar/root server relationships

So what does ICANN do?

Coordinates policies relating to the unique assignment of:

– Internet domain names (.com, .net, .fi, etc.)

– Numerical IP Address (192.0.34.34)

– Protocol Port and Parameter Numbers

Coordinates the Internet's Root Server System

White Paper on ccTLDs

"…[O]verall policy guidance and control of the TLDs and the Internet root server system should be vested in a single organization that is representative of Internet users around the globe."
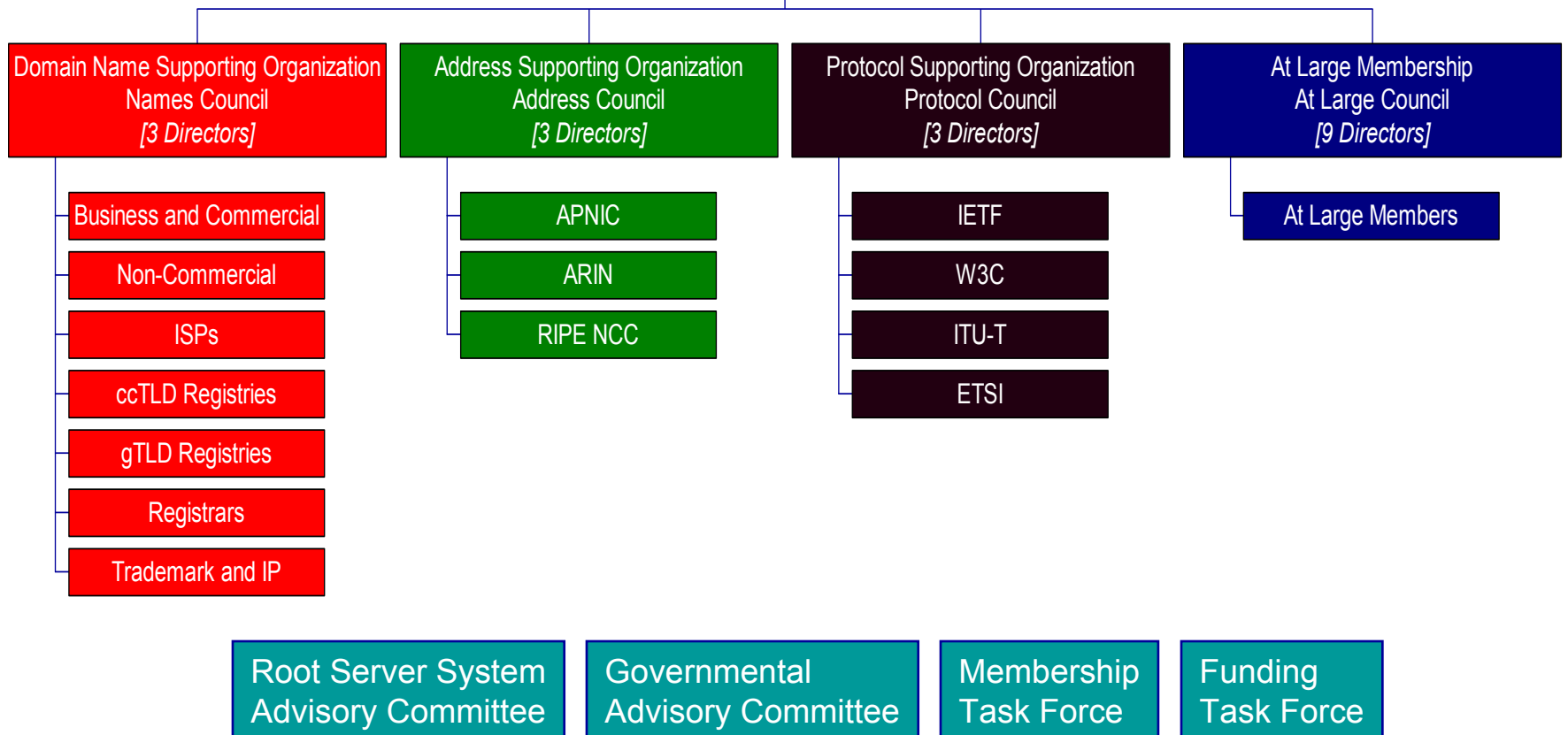
[63 Fed. Reg. 31741, 31749 (June 10, 1998)]

Structure of ICANN

ICANN

ICANN Board of Directors
[18 Directors + President and CEO]

Domain Name Supporting Organization
Names Council
[3 Directors]

- Business and Commercial
- Non-Commercial
- ISPs
- ccTLD Registries
- gTLD Registries
- Registrars
- Trademark and IP

Address Supporting Organization
Address Council
[3 Directors]

- APNIC
- ARIN
- RIPE NCC

Protocol Supporting Organization
Protocol Council
[3 Directors]

- IETF
- W3C
- ITU-T
- ETSI

At Large Membership
At Large Council
[9 Directors]

- At Large Members

| Root Server System Advisory Committee | Governmental Advisory Committee | Membership Task Force | Funding Task Force |

ICANN Staff

Current Staff:

- Interim President and CEO (Mike Roberts)
- Vice President/General Counsel (Louis Touton)
- CFO/Policy Director (Andrew McLaughlin)
- IANA staff (2.5 full-time)
  - **Joyce Reynolds** - Publications/RFC Editor
  - **Josh Elliott** - IANA
  - **Suzanne Woolf** - Network, Technical Operations, Root Server coordination

Geographic and Cultural Diversity

- **Geographically diverse Board of Directors**
  - Directors elected by Supporting Organizations
    - 4-Europe
    - 3-North America
    - 1- Latin America
    - 1-Asia/Pacific
  - At Large Directors - current
    - 4-North America
    - 3 Europe
    - 2-Asia Pacific
  - At Large Directors - future
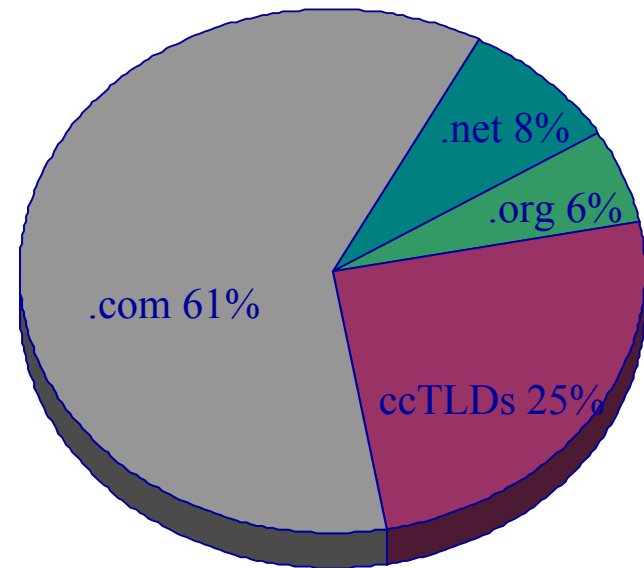   - 1 from each of 5 regions + 4 elected globally (in stages)

Geographic and Cultural Diversity

- Geographically diverse Supporting Organization councils
- Geographically diverse ICANN meetings
  - Singapore
  - Berlin
  - Santiago
  - Los Angeles
  - 2000 meetings: Africa, Japan, Europe
- Future efforts: Multiple languages; staff diversity

DNS Statistics

- **Total Domain Names Worldwide: 8,196,117**
  - .com - 4,967,688
  - .net - 683,652
  - .org - 474,230
  - ccTLDs - 2,064,229

- **Growth Rate: 40,000 new registrations *per week!***
  - % of non-us registrations in gTLDs on the rise

Distribution of Registrations in Top Level Domains

.net 8%
.org 6%
.com 61%
ccTLDs 25%

Data as of June 2, 1999. Source: NetNames Ltd. Http://www.netnames.com

For Further Information:

Louis Touton

<touton@icann.org>

Andrew McLaughlin

<ajm@icann.org>

<http://www.icann.org>