What's Up With ICANN?

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RIPE 35 LIR Working Group 23-2-00

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Andrew McLaughlin



The Basic Bargain

ICANN =

Internationalization of Policy Functions

for DNS and IP Addressing systems

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Private Sector (Non-governmental) Management

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So what does ICANN do?

Coordinates policies relating to the unique assignment of:

- Internet domain names
- Numerical IP Address
- Protocol Port and Parameter Numbers

Coordinates the DNS Root Server System (through Root Server System Advisory Committee)

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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.

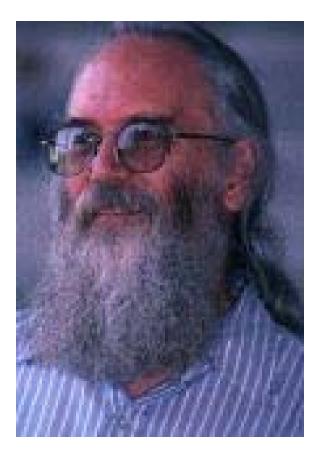
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- National Aeronautics and Space Administration (NASA)

- US Department of Energy





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Jon Postel 1943-1998

Status of Transition from USG

- ✓ 25 November, 1998 ICANN recognized in MoU
- June, 1999 Cooperative agreement among ICANN, US Government, root server operators
- ✓ 10 November, 1999

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- ICANN and Network Solutions sign gTLD registry and registrar agreements
- DoC transfers root authority over gTLDs to ICANN
- ✓ 9 February, 2000
 - Contract with US Government to complete transfer of IANA functions

Remaining Transition Items

- Year 2000:
 - ccTLD registry agreements
 - RIR agreements
 - Root server operator agreements (?)
- September 30, 2000 Target date for ICANN to settle all registry/registrar/root server relationships

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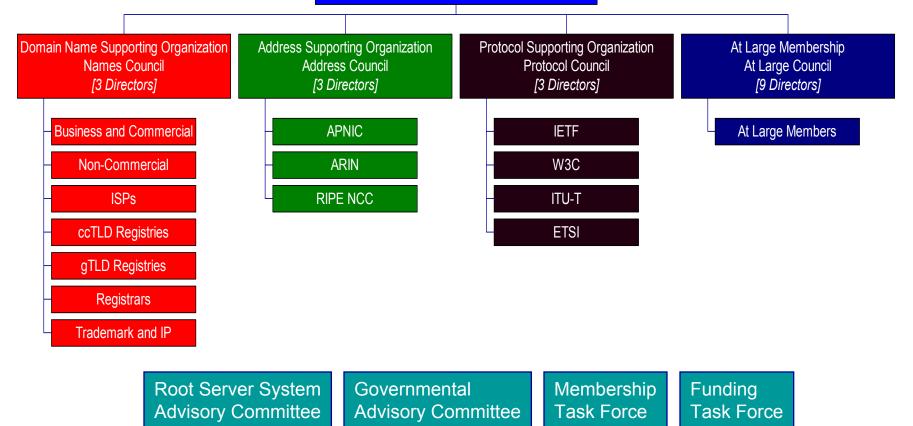
Structure of ICANN

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ICANN

ICANN Board of Directors

[18 Directors + President and CEO]



Address Supporting Organization

- Responsible for formulation of addressing policy
- Created by MoU among ICANN, APNIC, ARIN, RIPE NCC
- Address Council consists of 9 members

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- 3 from APNIC
- 3 from ARIN
- 3 from RIPE NCC

Ad Hoc Group

- Open public forum
 - Identify key technology, commercial and economic drivers that will affect Internet addressing and numbering
 - Assess current trends in services and network convergence and globalisation

- from the telecommunications sector
- changes in the demands on traditional IP address space

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- Input to ASO & others
- Will NOT propose technical solutions

Agenda for Cairo (7-10 March)

- Creation of new top-level domain registries
- ccTLD delegation and administration policies

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- At Large Membership & elections
- ICANN Budget for 2000-2001
- Independent Review policy

For Further Information:

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