

Demystifying ICANN – Who, What, Why

- What is ICANN?
- How was it created? What does it do?
- Why is it important to Business?
- Where does it fit in the larger group of influencers and players
- How does Business engage at ICANN today?
- What is changing to increase involvement from Africa, and other regions?
- What is the Internet Governance Forum
- How does it relate to ICANN?
- Opportunities for further engagement?

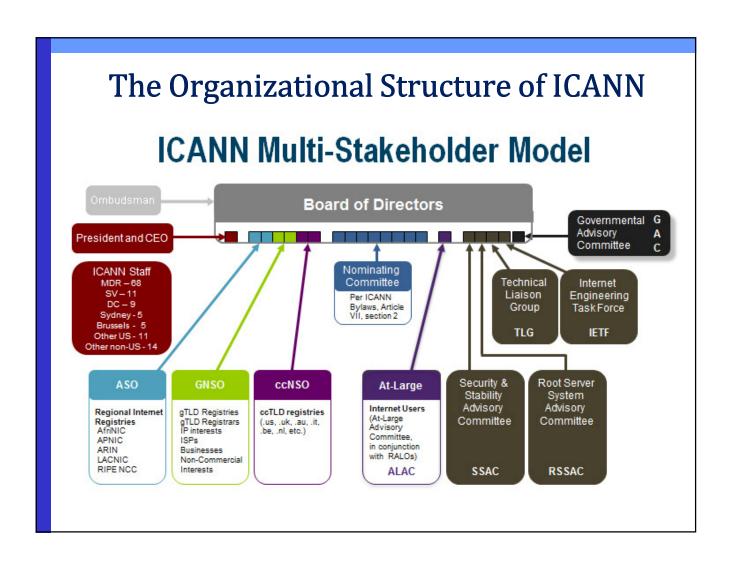
ICANN – The Internet Corporation for Assigned Names and Numbers CON

- What Is ICANN?
- What does it do?
- ...to coordinate, at the overall level, the global Internet's systems of unique identifiers, and in particular to ensure the stable and secure operation of the Internet's unique identifier systems.
 - ✓ Coordinates the allocation and assignment of the three sets of unique identifiers for the Internet, which are
 - a. Domain names (forming a system referred to as "DNS")
 - b. Internet protocol ("IP") addresses and autonomous system ("AS") numbers
 - c. Protocol port and parameter numbers.
 - Coordinates the operation and evolution of the DNS root name server system.
 - Coordinates policy development reasonably and appropriately related to these technical functions.



Who Should Manage the Internet's Technical Indicators - Where ICANN 'came from'

- 1. US Government's historical role
- 2. Jon Postel's role in management and coordination
- 3. US E-Commerce Agenda for Action Role of Business
- 4. Green Paper and White Paper- International Consultation IFWP
- Launch of International Corporation for Assigned Names and Numbers: ICANN in 1998
 - International, Public Benefit Corporation, incorporated in California
 - Coordinates and Manages the Internet's unique indicators
 - 15 person geographically representative Board. Chair: Dr. Steven Crocker, Internet pioneer; US
 - Three Supporting Organizations: Generic Names, Country Code Names, Numbering Policy
 - Advisory Committees: Security and Stability, Root Server, At Large, Government Advisory Committee with over 120 member countries
 - Three geographically distributed meetings a year; several other regional forums
 - Affirmation of Commitments in 2009 : changed relationship to US; ICANN independent of any single government and accountable to stakeholders



ICANN –Key Example of Multi Stakeholder International Organization

- · What is "Multi Stakeholder"?
- What is an International Organization? What is the difference from an Intergovernmental Organization? [e.g. ITU; UN; African Union...]
- Who are the Stakeholders who are involved at ICANN?
 - Role of National Gov'ts at ICANN Governmental Advisory Committee
 - Country code Managers (.ng NIRA; .za South Africa; .ke Kenya; .eg Egypt, etc.0 as a key stakeholder community
 - Generic Top Level Domain Name Community .com; .org; .info; ...
 - Business Users Commercial and Business Users Constituency [BC]
 - ISPs and Connectivity Providers Constituency
 - Intellectual Property Constituency
 - Non commercial Users Constituency
 - Not for Profit organizations Constituency
 - Root Server Operators
 - At Large Advisory Organization ALAC
- How do the "Stakeholders" work at ICANN?
 - Face to Face meetings; Working Groups; public comments; regional events...

ICANN Meetings – Face to Face Meetings – Global Rotation

2010 Meetings 2011 Meetings 2012 Meetings 2012 Meetings























Oct 14-19, Toronto

ICANN 48 Buenos Aires, Argentina 17-21 November 2013

Key Activities of Importance to Business

- Security and Stability and Resiliency of the Internet Key to Business concerns
- ICANN 'governance' via Stakeholder Input and Participation
- ICANN's role in International fora enhancing the role of private sector in decision making about Internet public policy
- Increasing participation of governments, and all stakeholders in policies that affect global business, and users
- Growing Internationalization of ICANN Regional Strategy for Africa, other regions...
- Outreach and Participation to broaden business awareness and engagement – such as today's attendees

The Continuing Challenges of Change and Evolution in the Internet's Role

- The Challenges of Change and Evolution:
 - New gTLD Program over 1500 new gTLDs
 - Continuation of roll out of IPv6; Addressing security issues within ICANN's scope
 - Major growth of new Internet users engagement in policy formulation that reflects your needs and concerns – how to evolve today's policy activities to bring in new participants – such as you and your organizations
- Growing interest by some governments in a more managerial role by UN organizations, a new oversight mechanism, or by national governments
- Expanding engagement from all of us including governments – to strengthen and evolve ICANN in fulfilling its core mission



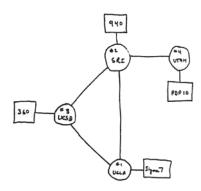
Internet at its Inception – That was "then"...

Computer Hosts in

1969

First 4:

- 1. University of California Los Angeles (UCLA)
- 2. University of California Santa Barbara (UCSB)
- 3. University of Utah
- 4. Stanford Research Institute (SRI)

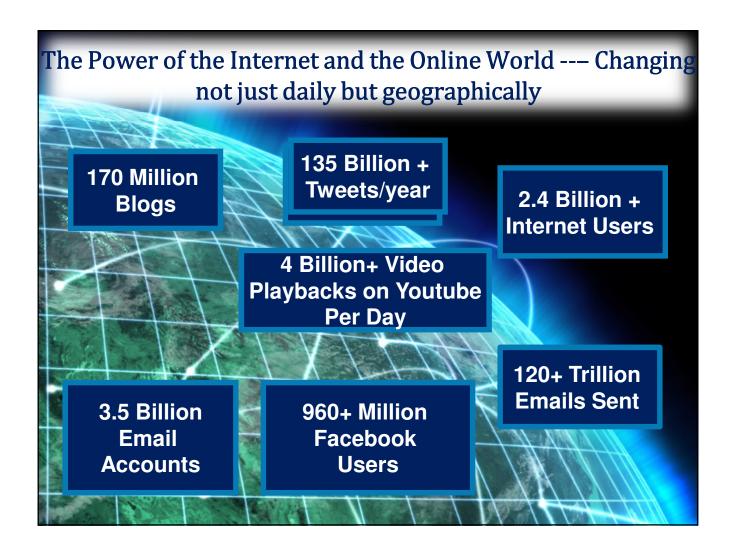


THE ARPA NETWORK

DEC 1969

4 Nobes

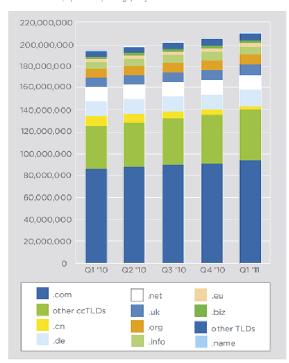
FIGURE 6.2 Drawing of 4 Node Network (Courtesy of Alex McKenzie)



Domain Names – One of the Unique Indicators ICANN Coordinates

Total Domain Name Registrations

Source: Zooknic, April 2011; Verisign, May 2011



http://www.verisigninc.com/assets/domain-name-report-may201.pdf

Total Domain Names: 2012

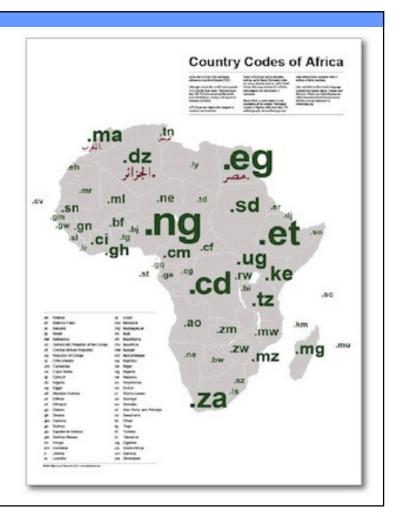
- 100+ million .COM domain names
- **14+ million** .NET domain names.
- **9.3 million** .ORG domain names.
- 94.9M of country code toplevel domains (e.g. de; uk; tk; nl, ru, eu, cn; br; ar; au)
- 233 million The number of domain names across all toplevel domains.
- 11% -increase since the year before.

Major changes in gTLDs and IDNs – 2012 – 2013 launch

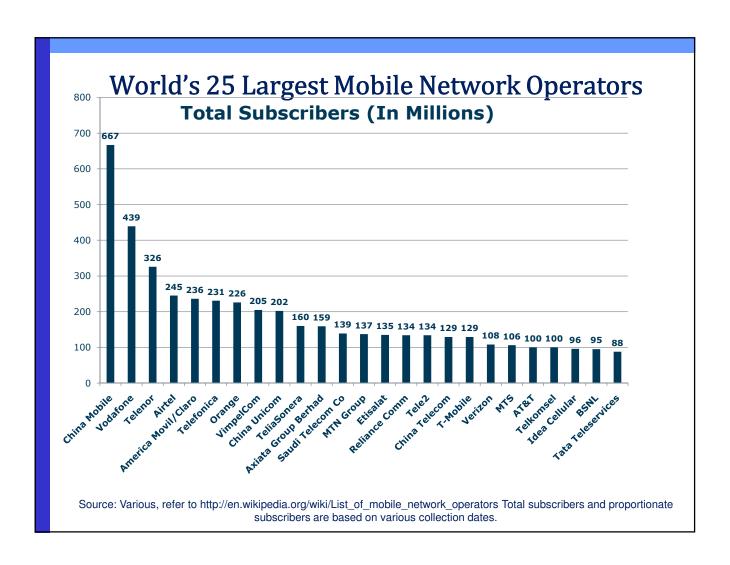
Updates from Versign Domain Name Industry Brief and Pingdom, 2012

Country Codes of Africa – Key Stakeholders nationally, and at ICANN

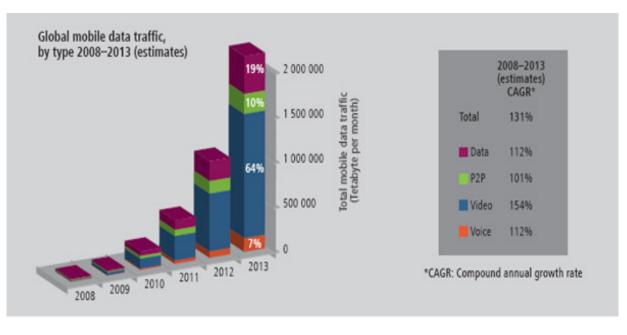
54 country codes in Africa. The chart to the right depicts by size, the growth rate of each country code within Africa.



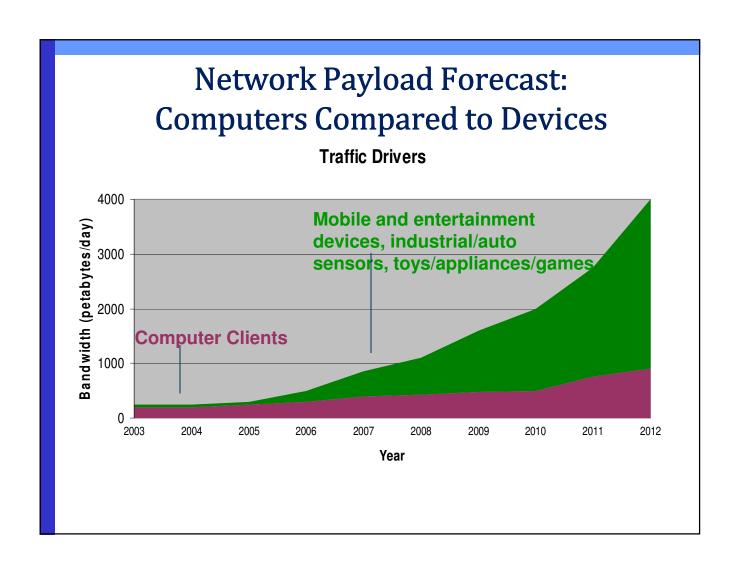
Internationalized Domain Names Internationalized Domain Names

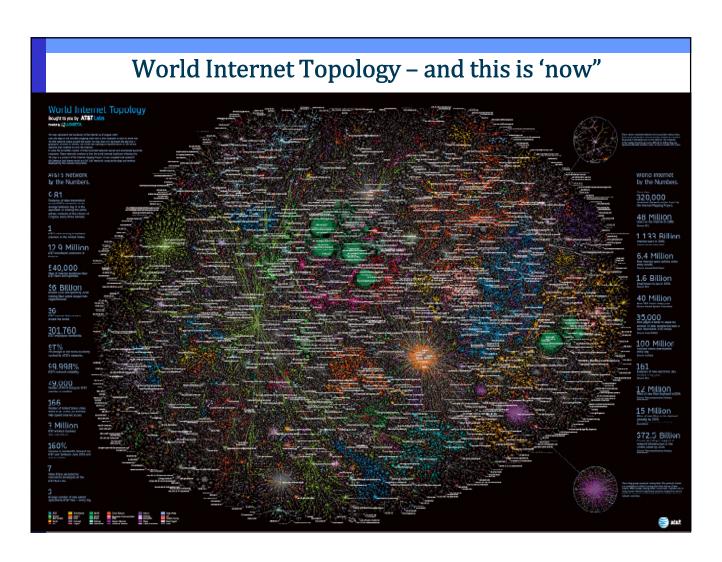


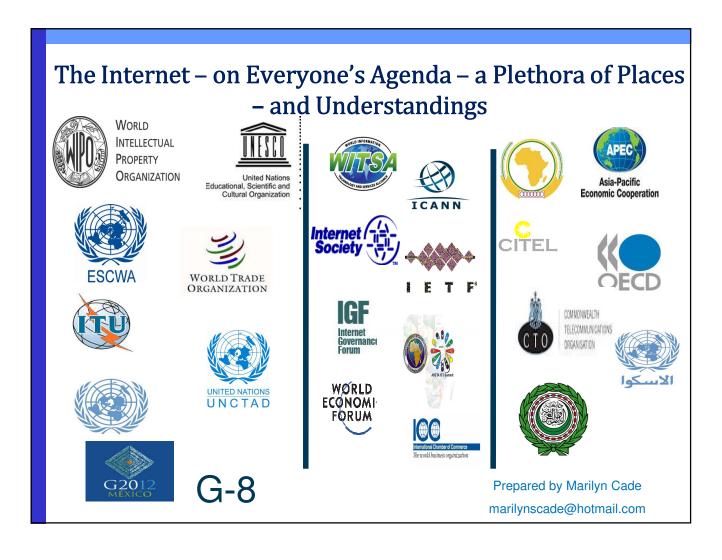
Mobile Traffic Estimates: Video in High Demand

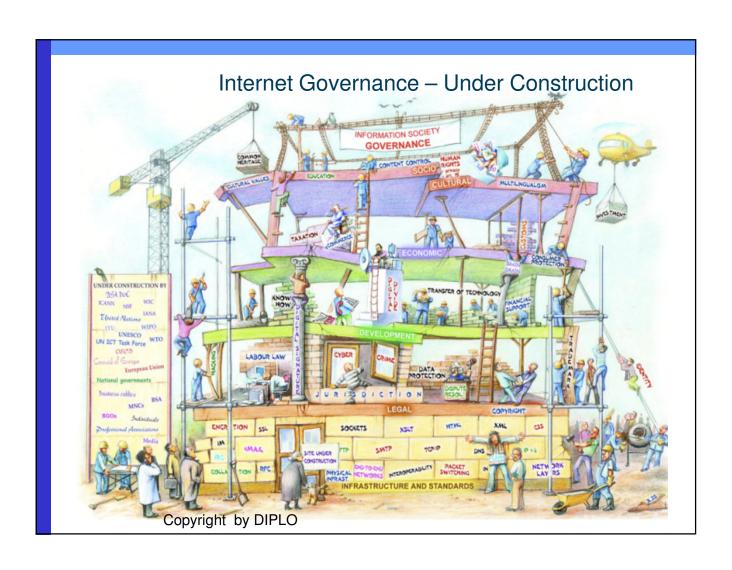


Source: Cisco, graph at: www.itu.int/net/itunews/issues/2010/06/35.aspx







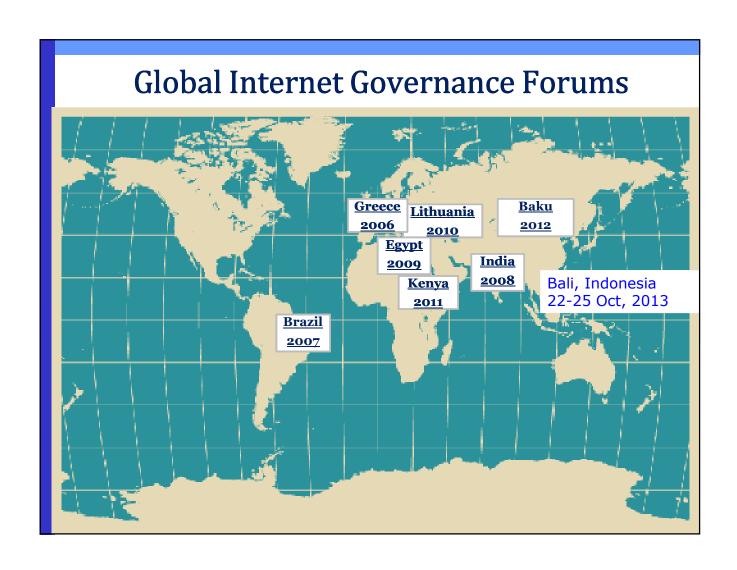


Internet Governance Forum – IGF and Enhanced Cooperation Discussions

IGF Internet Governance Forum



- IGF chartered by WSIS for initial five years.
 Extended by UN General Assembly for another 5 years 2015.
- UN Secretary General appoints leadership Special Advisor and IGF Executive Secretariat and MAG.
 - 56 member Advisory Group: 50% of participants are govt's. IGOs have permanent observer seats
- Unique Multi stakeholder Forum all interact on equal levels. Non Negotiating.
- Two year WG on Improvements at Commission on Science and Technology Development: Completed -Reported CSTD in May/Approved by ECOSOC-July 2012.
- Parallel discussion on Enhanced Cooperation – some Countries still seek UN oversight or putting an existing UN agency or creating a new entity -- in charge of Internet policy/or functions.
- CSTD WORKING GROUP ON ENHANCED COOPERATION JUST LAUNCHED 1ST May 30-31; Nov. 6-8; February 2014.



Internet Governance Forum (IGF) 2013 http://www.intgovforum.org

- Bali, Indonesia
- 22-25 October 2013
- Proceeded by a separate invitational Ministerial on 21 October
- National and Regional IGF Initiatives
 - Numerous African initiatives; national, regional, and now
 Continent wide: Africa IGF planned for
- Other Related meetings and activities

Why does all of this matter to your business?

- Stability and Security of the Internet's key Indicators affects the Internet's Reliability and Predictability
- Much of business is now e-business
 - The online world and Internet drive economic opportunity and jobs creation: e-applications like e-health; e-education; eagriculture; big data; Cloud Computing, Mobile...
 - The Internet can enhance access to the Internet for social and personal use, as well as business
- ICANN is a key player in the Internet's eco system of governance
 - The input and voice of business is key to good policy, and good governance decisions that affect business's interests

Engaging with the Business Community at ICANN via the Business Constituency

- Business Constituency is one of key Stakeholders at ICANN – and one of most active
- Open to all business user entities including associations that represent business users – e.g. AfiCTA is a BC member.
- Focuses on key policy topics that affect Business Users, and on ICANN Governance
- Interacts with the ICANN Board; with the Governmental Advisory Committee; speaks for business users concerns. Works with the Regional V.Presidents and ICANN staff to deepen business awareness and participation.
- Upcoming ICANN meeting in Durban, South Africa 14-18 July – Participate in person, or online

Avoiding collisions – Building Multi stakeholder participation in ICANN and other Internet Governance fora



