Introduction to ICANN

How you can help ICANN Shape the Future of the Internet

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Goals for the Day

• To introduce ICANN to you
• To introduce ICANN’s New generic Top Level Domain (gTLD) Program including:
  – The latest program developments
  – Recent work on the four “overarching” issues
• To share the latest on Internationalized Domain Names
• To update you on current Policy work and invite you to participate
• Special Event: Senior Executive Panel Discussion on “ICANN and Internet Governance in Asia”
Agenda – Introduction to ICANN

- Overview of Internet Users and the Domain Name marketplace
- ICANN’s Structure
- Participation
- ICANN in 2009 and beyond
Internet Users – Global Distribution
1990

Source: SASI at University of Sheffield
Internet Users – Global Distribution
2007

Source: SASI at University of Sheffield
What is ICANN?

• “Internet Corporation for Assigned Names and Numbers”
• We coordinate unique identifiers of the Internet:
  – “Names”; delegating Top-Level Domains, working with country registry (ccTLD) managers
  – “Numbers”; allocating IP address blocks
  – “Parameters”; maintaining data bases on behalf of IETF
• ...and develop related policies in bottom-up processes involving all stakeholders
Operating Principles

• Help keep the unique identifiers system and root management stable and secure
• Promote competition among registrars and registries, and thus, promote choice for registrants
• “Multi-stakeholder”: A forum where many different groups can work out Internet policy together
• “Bottom-up”: All those involved can set the agenda
• Ensure opportunity for global participation
Key Actors in Domain Name Market

Place

• Registries provide central data base of all names in their top level domain
  – generic registries: examples: .com, .org
  – country code registries: examples: .cn, .in

• Registrars provide services to register names to end users and business
  – Often offer other services
  – For generic registries, all registrars are accredited by ICANN
Snapshot of the domain name marketplace

More than **183 million** domain names registered globally today

Source: VeriSign Domain Name Industry Brief, June 2009
Competition in the domain name space

- ICANN introduced competition to the domain name space
- Registrars now have a market and a business
- Consumers have greater choice in price and services
- Domain name marketplace is even driving how we search - contextually as well as topically - and the scale of sites that can be searched
- Total registrars = 900 and counting
The Internet ecosystem

Some of the stakeholders concerned with the Internet

Internet Governance Forum

W3C

World Wide Web Consortium

World Intellectual Property Organization

ISO

International Organization for Standardization

International Telecommunication Union

OECD

Organization for Economic Co-operation and Development

UNESCO

United Nations Educational, Scientific and Cultural Organization

Internet Architecture Board

ICANN

International Chamber of Commerce

The World Business Organization
The ICANN Community

- **Board of Directors**
  - President and CEO
  - Governmental Advisory Committee (GAC)
  - Root Server System Advisory Committee (RSSAC)
  - Security & Stability Advisory Committee (SSAC)
  - At Large Advisory Committee (ALAC)

- **ICANN Staff**
  - (LA, BXL, DC, Sydney)

- **Nominating Committee**
  - 17 voting delegates + 6 non-voting delegates

- **ASO**
  - Regional Internet Registries
    - ARIN
    - RIPE NCC
    - LACNIC
    - APNIC
    - AfriNIC

- **GNSO**
  - gTLD Registries
  - Registrars
  - Intellectual Property
  - ISPs
  - Businesses
  - Non-Commercial

- **CCNSO**
  - ccTLD registries
    - (e.g., .us, .uk, .au, .it, .be, .nl, etc.)

- **Technical Liaison Group (TLG)**
  - Internet Engineering Task Force (IETF)

- **Internet Registries**
  - ARIN
  - RIPE
  - NCC
  - LACNIC
  - APNIC
  - AfriNIC

- **gTLD Registries**
  - .us, .uk, .au, .it, .be, .nl, etc.

- **ccTLD Registries**
  - Non-Commercial
The ICANN Community

• Open participation
• Diverse participants bring expertise and useful perspectives to inform policy making
• Consensus-based decision making
• Cooperation, coordination and consultation among participants on key issues
• Public debate is often spirited and blunt
• Formal agreements are used to create and manage various business relationships
ICANN is a Global Organization

- Mandated by the bylaws:
  - Multinational Board
  - Multinational participation and representation
  - Accountable and transparent to a global Internet community
How to Participate in ICANN

• Public comments are invited on ICANN activities that are underway: New gTLDs, IDNs, DNSSEC, ICANN’s Strategic Plans
• Individuals and representatives of groups and organizations may participate on ICANN’s many councils, working groups and committees
Emerging and Evolving Issues

• Enhancing the Security and Stability of the Internet
• Initial and expanded deployment of Internationalized Domain Names (IDNs)
• Migration from IPv4 to IPv6
• Introduction of new generic Top Level Domains (new gTLDs)
• Current and upcoming studies of WHOIS
• Accountability frameworks with ccTLD managers
• Periodic review of ICANN’s structure and procedures
Mission Deliverables for 2009 -2010

• Promote competition and choice in the domain name market – launch new gTLDs
• Expand internationalized domain names that will soon become available in generic and country code top level domains
  – Launch fast-track cc IDN process
• Take tangible steps to enhance the security of the DNS – operational readiness for DNSSEC
• Core mission improvements, including expanding compliance, further investment in staffing, implementing other organizational benchmarks.
Strategic Plan 2009 - 2012

- Implement IDNs and New gTLDs
- Enhance security, stability and resiliency in the allocation and assignment of the Internet’s unique identifiers
- Monitor the depletion of IPv4 address space and provide leadership towards IPv6 adoption
- Improve confidence in the gTLD marketplace
- Strive for excellence in core operations
- Strengthen processes for developing policy
- Strengthen ICANN’s multi-stakeholder model to manage increasing demands and changing needs
- Globalize ICANN’s operations
- Ensure financial accountability, stability and responsibility
Upcoming ICANN Meetings

• Seoul, Korea, 25-30 October 2009
• Nairobi, Kenya, 7-12 March 2010
• Latin America (TBD) 20-25 June 2010
• Europe (TBD) 17-23 October 2010

• Meetings are held three times/year, each meeting in a different continent
• Please join us!
End of Introductory Comments

Thank You