

ICANN Update

At SANOG 18 Conference

Save Vocea

Manager Regional Relations,
Australasia/Pacific Islands

ICANN

15-16 Sep 2011, Pokhara, NP

Brief history of ICANN

- Created in 1998 as an international multi-stakeholder organization responsible for the technical management and coordination of the Internet's domain name system and its unique identifiers
- ICANN coordinates:
 - Internet Protocol address space allocation
 - Generic and country code top-level domain name system management
 - Protocol identifier assignment
 - Root server system management functions

The Internet's three operating layers

Content and applications standards (HTML, XML, Java) – Promotes creativity and innovation in applications leading to email, World Wide Web, ebanking, wiki, Skype, and much more


2004 **VoIP/TV**

1997 **Blogs**

Late 1990s **Music/Images/Video**

1993-1994 **Search Engines**

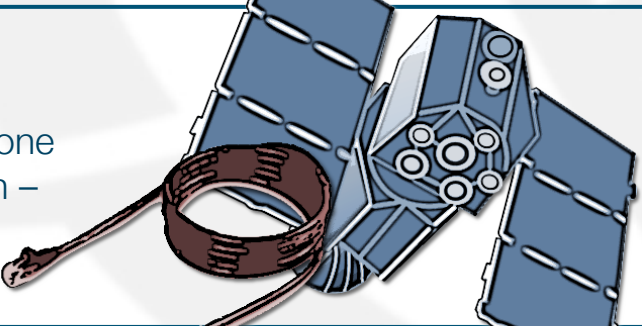
1991 **World Wide Web**



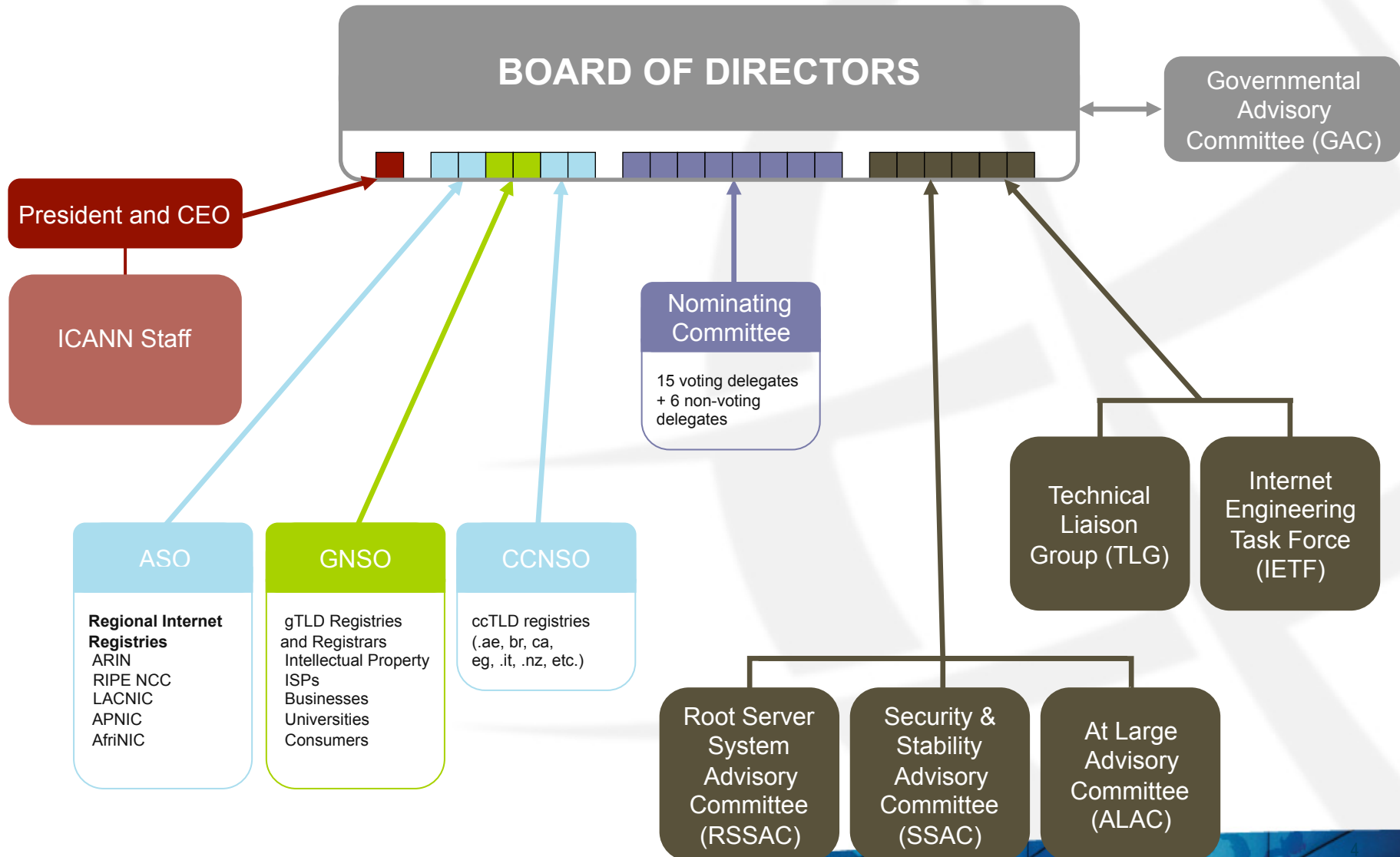
ICANN'S Responsibility

Internet protocols and standards (TCP/IP, DNS, SSL) – TCP/IP, controls traffic flow by dividing email and web data into packages before they are transmitted on the Internet

Telecommunications infrastructure – Physical network made up of underwater cables, telephone lines, fiber optics, satellites, microwaves, wi-fi, and so on – facilitates transfer of electronic data over the Internet



ICANN's structure



Revamped ICANN Website

The screenshot shows the ICANN website homepage with a navigation menu and several news items. The main headline is 'Introducing the NomCom's 2011 Selected Nominees'. The page includes a search bar, site map, and various social media icons. The footer features logos for ICANN events in Dakar and Singapore.

ICANN | Internet Corporation for Assigned Names and Numbers

Site Map | Site Index | Quick Links | Select a link below: | Search

Internet Corporation for Assigned Names and Numbers

ICANN

Home About News Policy In Focus Meetings Resources Documents Press Room Careers Contact

Problem? Dispute Resolution

New Top-Level Domains

Accountability & Transparency AoC Reviews

Public Comment

Dashboard

Introducing the NomCom's 2011 Selected Nominees

With membership drawn from across the ICANN community, the Nominating Committee (NomCom) is an independent committee that, over a three-year cycle, is responsible for the selection and appointment of half of the voting members of ICANN's Board of Directors as well as some members of ICANN's Supporting Organizations and Advisory Councils. The NomCom is mandated to ensure, that overall, ICANN's leadership is diverse in geography, culture, skills, experience, and perspective. The basic criteria is that selectees are people of integrity, objectivity and sound judgment, can support decision-making within groups, can work effectively in English, have an understanding of ICANN's mission and operation, are committed to its success, experienced in world affairs, contribute to cultural, professional and geographic expertise, and can work long and hard as volunteers in the global public trust.

On 5 August 2011, the Nominating Committee [announced its selections](#) for eight leadership positions within ICANN. Biographies of the selected individuals are listed for each ICANN body, in alphabetical order by family name.

Board of Directors

Announcements

Fellowship Program Brings Global Voices Together at ICANN
18 August 2011

Accountability & Transparency – "ATRT" – Activities Webinar: 31 August ~ Hold the Date
17 August 2011

How Should We Raise Global Awareness of New gTLDs? Engage the ICANN Community.
17 August 2011

Beckstrom to Leave ICANN at End of His Term [PDF, 493 KB]
16 August 2011

Public Comment: Post-Expiration Domain Name Recovery Recommendations for ICANN Board Consideration
15 August 2011

FY12 Operating Plan and Budget Adopted by Board in Singapore is Now Posted
9 August 2011

ICANN 2011 Nominating Committee Announces Selections

42 | DAKAR
23-28 October 2011

Singapore 41
19-24 June 2011

Internet Assigned Numbers Authority

- Last of 5 x /8 IPv4 addresses allocated to Regional Internet Registries in February 2011
- NTIA Further Notice of Inquiry on IANA contract
 - Contract extended to 31 March 12
- Service Automation ready
 - For zone change requests

Updated as of 15 August 2011

IETF Cumulative Requests - Last 12 Calendar Months



This chart represents the cumulative IETF related requests IANA processes in a given month. In accord with the IETF-ICANN SLA, IANA has eliminated backlogs in each of the queues.

RIR Requests - Last 12 Calendar Months



This chart represents the number of requests received from RIRs in each month.

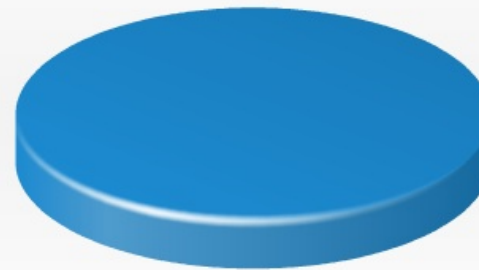
Root Zone Cumulative Requests - Last 12 Calendar Months



IANA is handling increasingly complex root zone change requests, including addition of IDN TLDs to the root zone. Over time, the outstanding queue grows due to the increased time required to process these requests.

Current IPv4 Address Availability (IPv4 Addresses % of IANA Free Pool)

Allocated: 100.00% Available: 0.00%



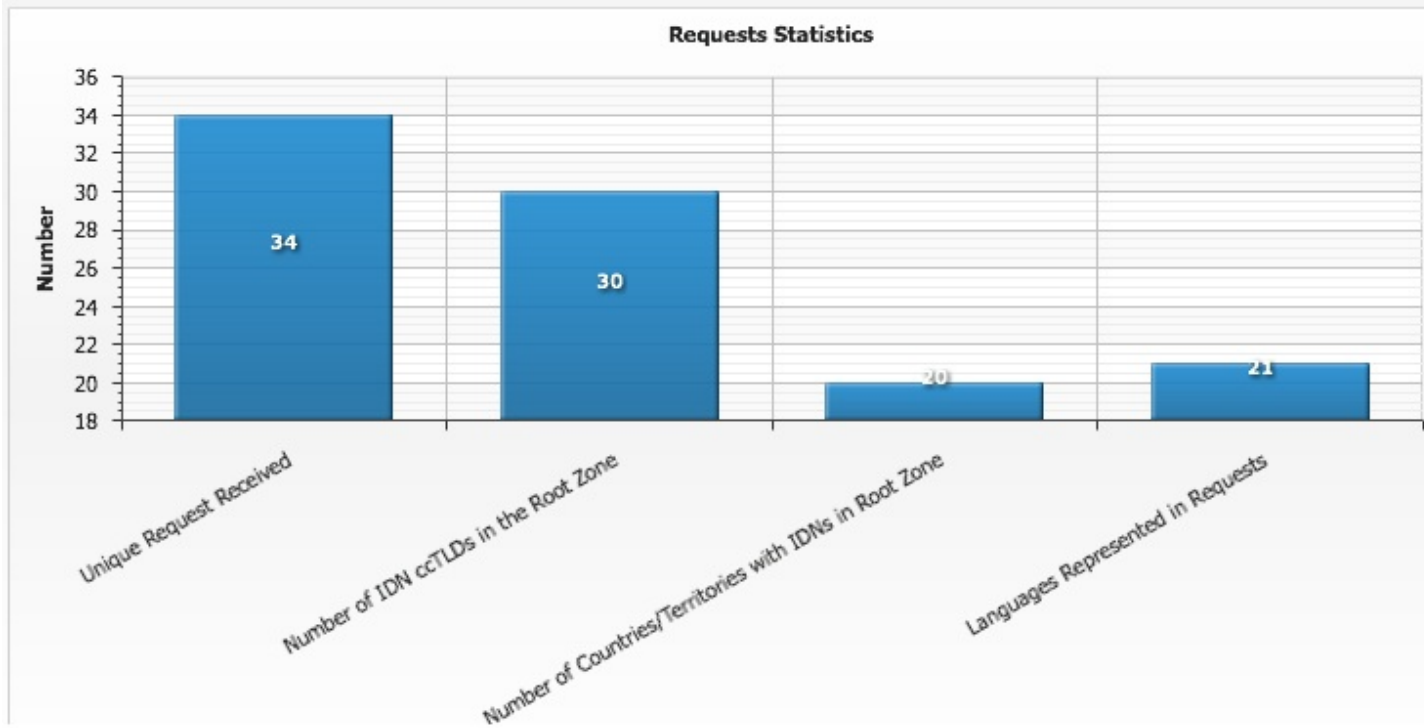
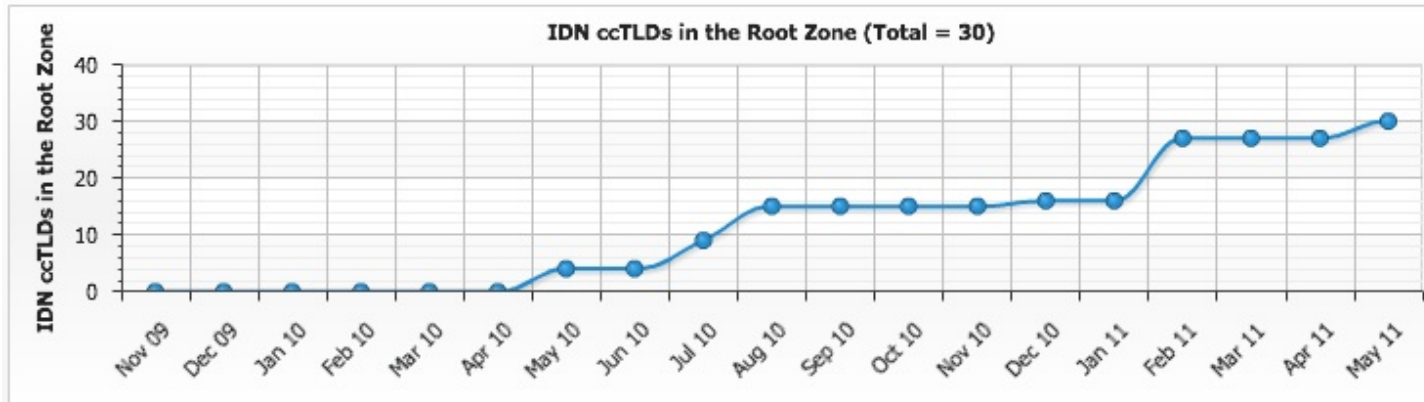
This chart shows the percentage of unicast IPv4 address space available for allocation as a proportion of the whole IPv4 address space.

Work towards broad DNSSEC Adoption

- DNSSEC deployment continues to grow
- 72/310 top level domain (e.g., .com) have DNSSEC deployed
 - 81% of global domain names can have DNSSEC deployed on them

Internationalized Domain Names

IDN Fast Track (Updated as of 15 May 2011)



IDN ccTLD in South Asia

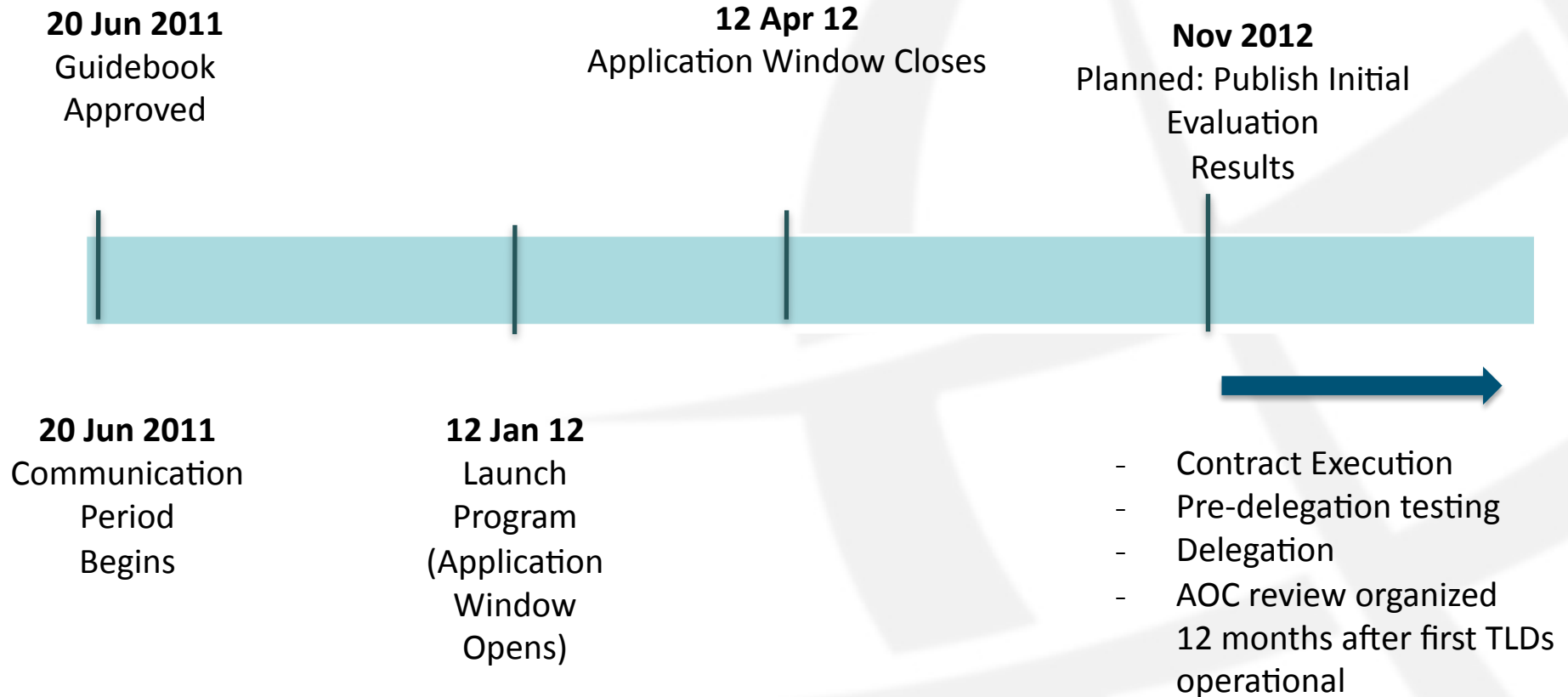
- LK, IN, PK and BD are countries in region that have IDN ccTLD in the root zone
- Under the fasttrack process, IDN ccTLD requesters must fulfill a number of requirements:
 1. the script used to represent the IDN ccTLDs must be non-Latin;
 2. the languages used to express the IDN ccTLDs must be official in the corresponding country or territory; and
 3. a specific set of technical requirements must be met (as evaluated by an external DNS Stability Panel comprised of DNS and IDN experts).
- More information at:
 - <http://www.icann.org/en/topics/idn/fast-track/>

New gTLD Program

- ICANN Board approved new generic Top Level Domains (gTLDs) Applicant guidebook on 20 June 2011
- Next: Global awareness of new gTLD program
 - Coordinated via Communications team
 - Consultations with community /staff from regions
 - Application window: 12 Jan to 12 Apr 12



New gTLD Program Timeline



Who Can Apply?

Entities from anywhere in the world that meet the pre-defined criteria and requirements as outlined in the Applicant Guidebook



ATTENTION!

- Not for individuals
- This is a business commitment to become a **REGISTRY!**

How to Apply?

- Online
 - **TLD Application System (TAS)**
 - will be accessible via www.icann.org
- Process application in English
- Answer questions; upload documents
- Critical deadlines



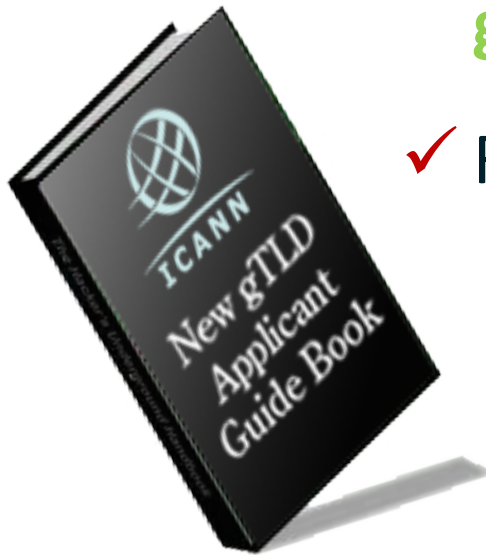
When can I apply?

2012

January							February							March							April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28
29	30	31					29							29	30	31					29	30					

What do I Need to Apply?

- ✓ **Review Applicant Guidebook for details**
- ✓ Get strategic third parties involved early
- ✓ Attention to additional requirements for **geographic, community** and **IDN** applications
- ✓ Review deadlines




How Much?

Evaluation fee - US\$ 185,000

- Paid to ICANN
- US \$5,000 which is due upon TAS registration
- Refunds apply in certain cases
- Other fees may apply – might not be paid to ICANN

On-going Registry Fees

- US\$ 25,000 annual Registry fee
- Transaction fee US\$ 0.25



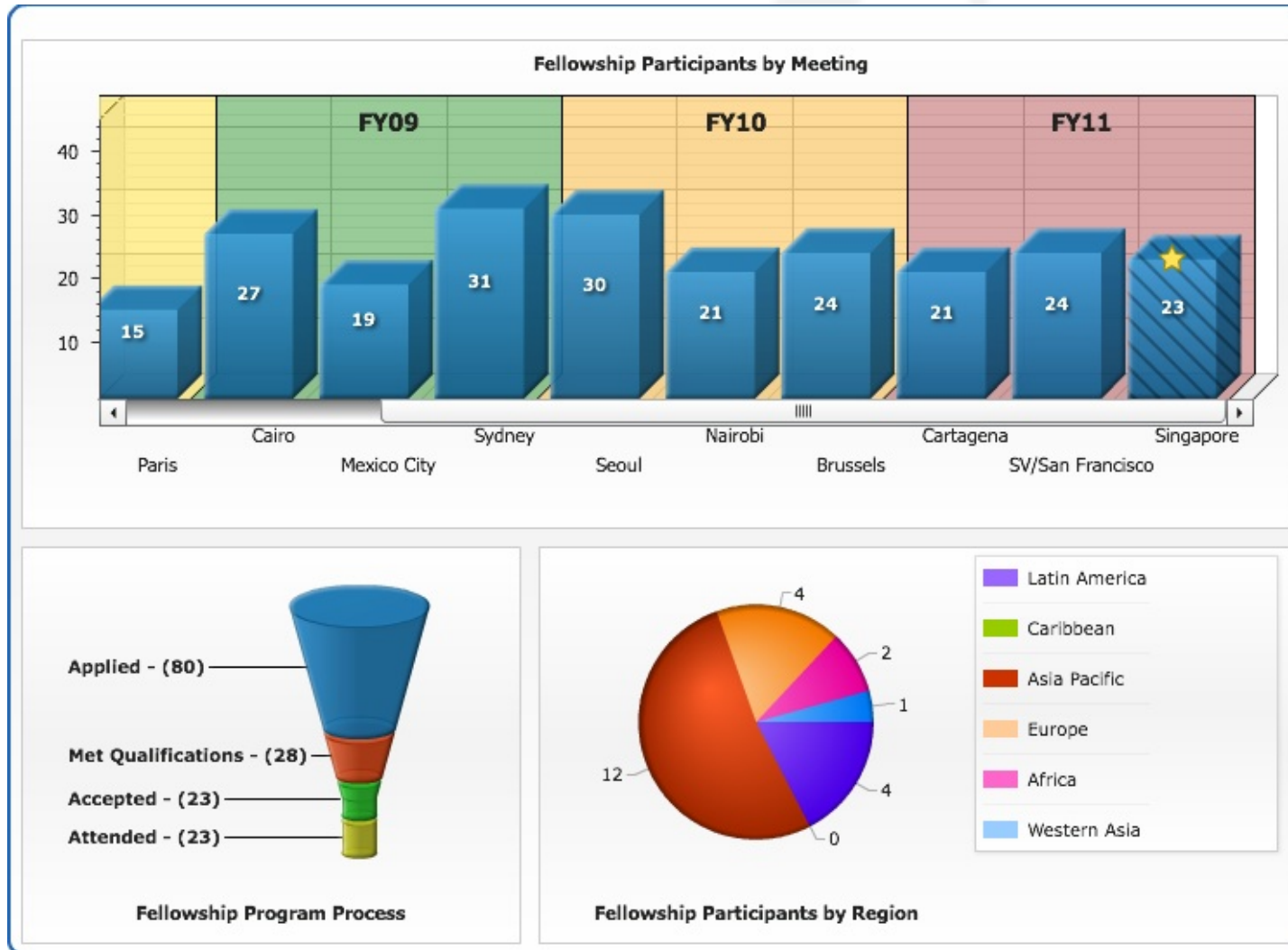
These are evaluation and Registry fees only. Consider carefully the costs for running a Registry.

Heads up!!

- ICANN looking to hire staff to fill vacant and newly created positions
- ICANN 42 Meeting in Dakar, Senegal
 - 23 to 28 October 2011
 - Apply for travel support to physically attend meetings via:
 - Fellowship program
 - <http://www.icann.org/en/fellowships/>



ICANN Mtg Fellowship Program





Thank you !

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