

Welcome to the ccTLD Workshop

**26 - 29 November 2007
Amman, Jordan**

Amman, November 2007



Thanks!

- Talal Abu-Ghazaleh Organization (TAGorg) for hosting the Training
 - Special thanks to Bilal Kisswani and his team for their support
- Many thanks also to NITC (.jo registry) for arranging the Monday dinner
- For ICANN for breaks and lunches

Instructors

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NSRC

Romy Arslan

.lb Registry

Kim Davies

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Mailing list

<cctld-amman@ws.edu.isoc.org>

Announcement

- " Dinner kindly hosted by NITC
 - Monday 20:00, Zad al-Khair, Um Uthaina
 - Bus will leave at hotel at 19:30
- " Dinner kindly hosted by TAG Organisation
Wednesday
More details will be announced

Schedule

09:00 - 10:30	morning session I
10:30 - 11:00	break
11:00 - 12:30	morning session II
12:30 - 14:00	lunch
14:00 - 15:30	afternoon session I
15:30 - 16:00	break
16:00 - 17:30	afternoon session II

Schedule Wednesday

08:00 - 9:30	morning session I
09:30 - 10:00	break
10:00 - 11:30	morning session II
11:30 - 12:00	break
12:00 - 13:30	afternoon session I
13:30 - 13:45	short break
13:45 - 15:15	afternoon session II
15:20	Bus leaves for excursion

Agenda - Day 1 (Monday)

" Morning

Welcome and introductions

Presentation of the Registry Model

Global Partnerships

Attendees Presentations

• Afternoon

- FreeBSD

- Overview, installation, exercises

Agenda - Day 2 (Tuesday)

" Morning

DNS

" Afternoon

IDN Roundtable

Security

Server security

Turning off recursion

Cryptography

Agenda - Day3 (Wednesday)

- Morning
 - Cryptography continued
 - DNSSEC
- Afternoon
 - DNSSEC
 - IANA procedures
 - Re-delegations
 - Communications with IANA

Agenda - Day 4 (Thursday)

- Morning
 - Security Practices (SSH, PGP)
 - Registry Best Practices
 - Pointers to more resources and tools
- Afternoon
 - Practical lab
 - Wrap-up, evaluations, certificates

Internet Society (ISOC)

Recent Activities

Mirjam Kühne
ISOC

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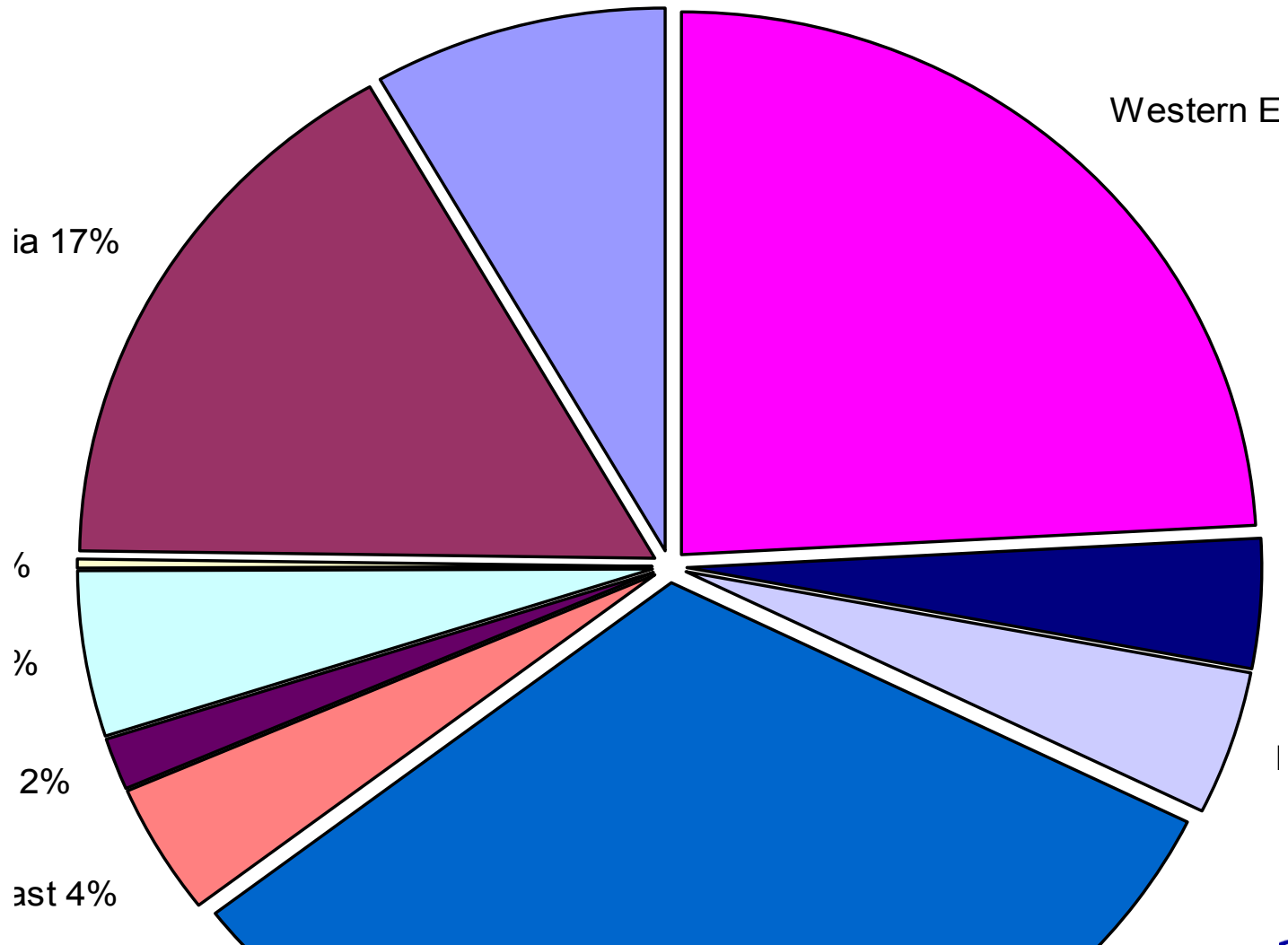
Overview

- What is ISOC?
 - Mission
 - Membership & Chapters
- Activities & Initiatives
 - Education
 - Policy
 - Standards

What is ISOC?

- Mission and purpose
 - "To assure the open development, evolution and use of the Internet for the benefit of all people throughout the world."
- Not-for-profit organisation
 - Global, but with a local perspective
 - 84+ ISOC Chapters worldwide, also in this region
 - 26,000+ individual members
 - 150 organisational members

Global Membership

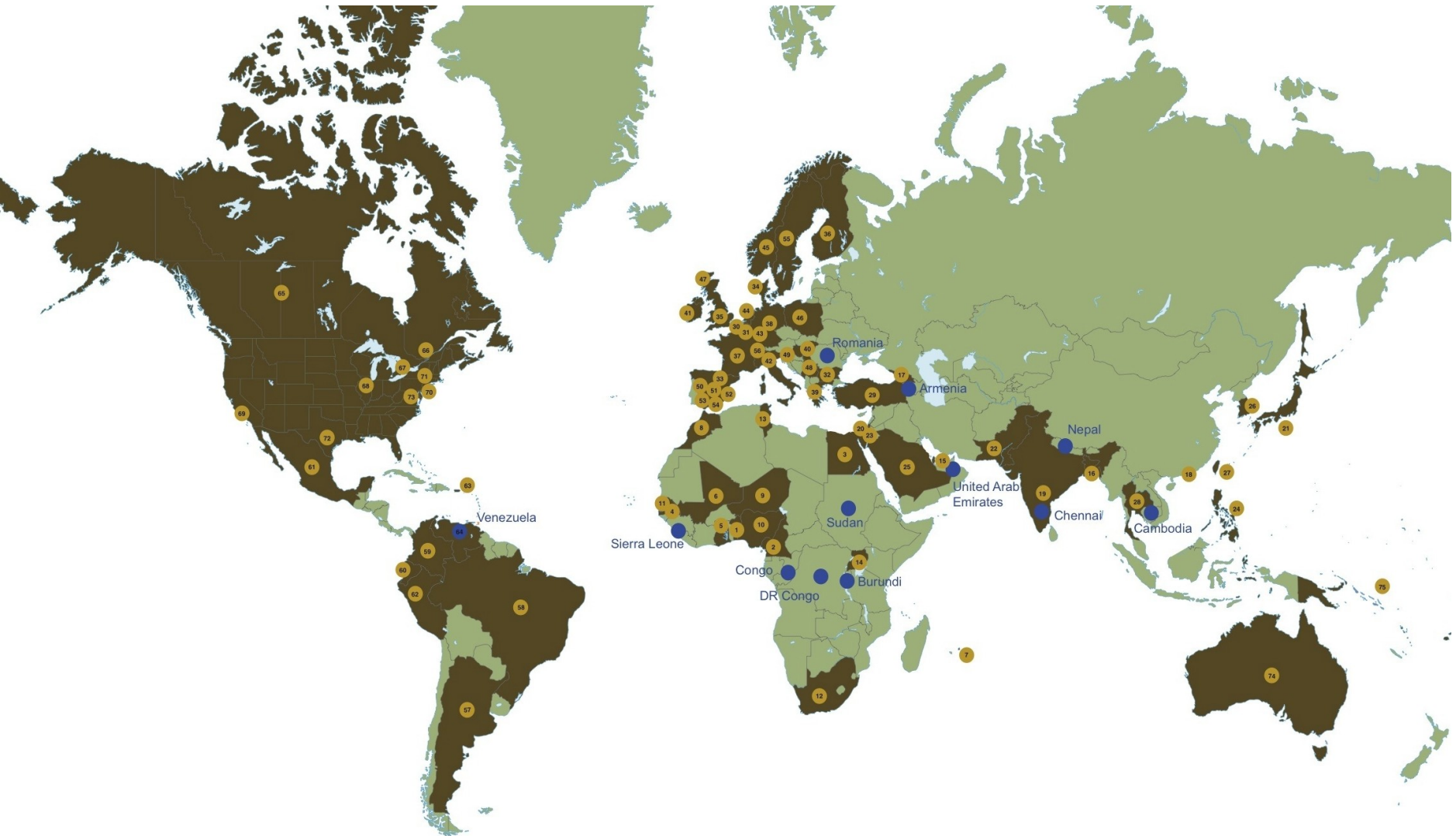


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ISOC Chapters

- Mostly volunteer entities supporting ISOC's Mission & Principles
 - Vital to ISOC's "global" reach
 - Important component of ISOC's Strategic Operating Plan
- Serve interests of local community
 - Organise activities/events/education locally
 - Provide services in local language
 - Amplify ISOC efforts locally/regionally
- Provide local perspective back to ISOC

ISOC Chapters

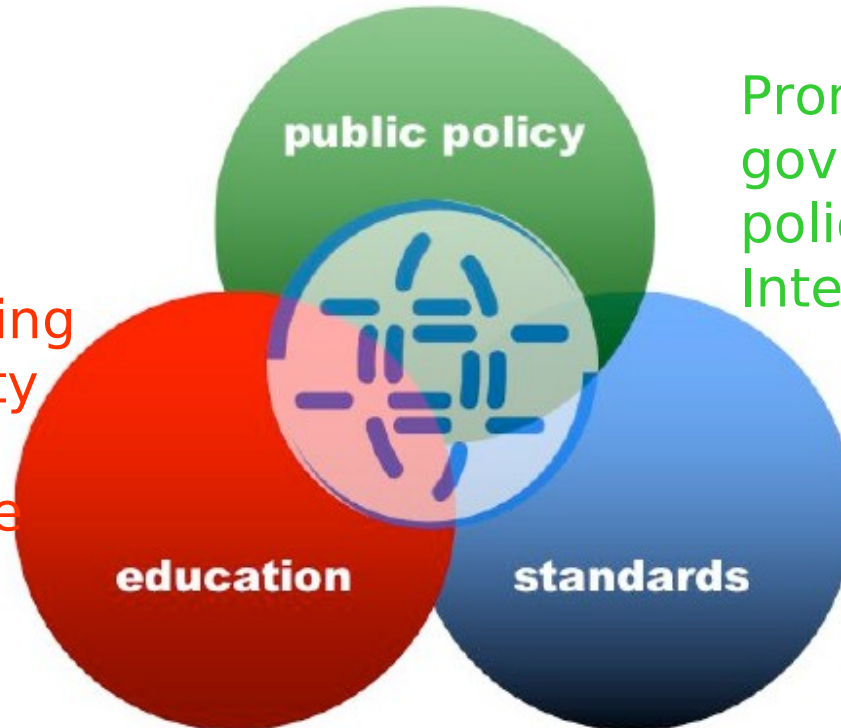


What Makes the Internet Society Unique?

- Focus is the Internet
 - Education, Standards, Policy
- Organisational home of the Internet Engineering Task Force (IETF)
- Enable capacity and technical community building throughout the world
- Key player in Internet policy
 - Particularly in the Internet Governance Forum

What does ISOC do?

Enabling
technical
capacity building
and community
development
throughout the
world



Promoting
governmental
policies that support
Internet growth

Organisational
home of the
Internet
Engineering Task
Force (IETF)

ISOC's Activities

- Education
 - Transfer of technical knowledge
 - Technical workshops, presentations
 - Support of local/regional initiatives and community building
- Policy
 - Education of policy & decision makers
 - Building bridge between Technology and Policy
 - Defending the 'Internet Model' (bottom-up)
- Support for Internet Standards
 - Umbrella organisation for the Internet Engineering Task Force (IETF)
 - Financial, administrative and legal support

Education Activities - Highlights

- Regional Bureaus (Africa, Latin America)
 - More coming
- Support for Regional Operators Fora (e.g. SANOG, MENOG)
 - Fellowship support, help to find speakers etc.
- ccTLD Workshops
 - Hands-on technical training & tutorials for ccTLD operators
- ISOC Fellowship to IETF
- Workshop Resource Center

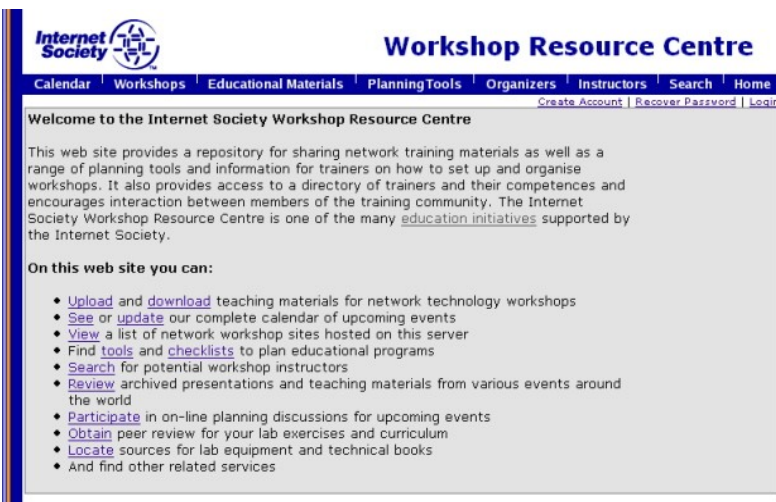
Education Activities

- Support for regional *NOGs (e.g. SANOG or MENOG)
 - Fellowships for individuals to attend regional operators meetings & technical training sessions
- INET regional conferences
 - Focus on Internet technology & policy issues of regional interest & importance are the focus
- ccTLD workshops and tutorials
 - Hands-on technical training & tutorials for ccTLD operators
- Research/development small grants
 - Support for regional grants programs & ICT projects
- Miscellaneous workshop support

Education Publications & Resources



- IETF Journal
 - A review of what's happening in the world of Internet standards with a focus on the activities of IETF Working Groups
 - Highlights hot issues being discussed in IETF meetings and IETF mailing lists
 - Published 3 times per year
 - <http://ietfjournal.isoc.org>



- Workshop Resource Centre
 - On-line repository of presentations and materials from Internet conferences worldwide
 - Managed by NSRC
 - Improvements planned for 2007
 - <http://ws.edu.isoc.org>

ISOC Policy Activities - Highlights

- Publications on various Internet related topics
- INET conferences
 - Education of policy & decision makers
 - Bridge between policy makers and technical community
- Close cooperation with other Internet organisations
 - RIR's, ICANN, Operators Groups
- Active role in WSIS and now IGF
- Defending the “Internet Model”
 - bottom-up industry self-regulation and decision making

Internet Governance Forum (IGF)

- Established as a result of the WSIS process
 - Bridging the “digital divide”
- “Multi-stakeholder” forum
 - Governments, private sector, & civil society on equal footing
 - Not a decisional body, no oversight, no duplication
- Capacity building and development
 - Access, security, multilingual/local content & critical Internet resources
- Meets annually, next meeting Rio, Brazil Nov 12-15
 - IGF 2008 hosted by Indian Government in December
- Remote participation www.intgovforum.org

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IGF – Key Success Criteria

- Ensure fullest multi-stakeholder participation
- Focus, focus
 - IGF will only be successful if it has a clear, focused and defined agenda
 - Issue focus should be in those areas that impact access to and availability of the Internet
- Minimise costs
 - Account for personnel and financial constraints
 - Limit organisational structures and meetings
- Share, inform, collaborate
 - Promote best practice and expertise sharing
 - Leverage existing organisations and knowledge base

Standards Activities: IETF Support

- Began at IETF request in 1996
- Organisational home for the IETF
- Legal umbrella & Insurance
- Financial support
 - RFC Editor
 - IETF chair
 - Internet Administrative Director

ISOC Fellowship Program to IETF

- At the IETF standards for the Internet are developed
- Aims of fellowship programme
 - Raise global awareness of the IETF
 - Allow for better understanding and participation by technical experts from developing countries
 - Provide opportunity for engineers around the world to meet people working in the same field
 - Foster cooperation and collaboration
- First pilot in May 2006

Mentorship Program & Follow Up

- Every fellow paired with a mentor
 - Experienced IETF participant
 - Working in the same area of interest
 - Preparing the fellow before the meeting
 - Helping the fellow during the meeting (chose WG mtgs. to attend, introduce to people etc.)
- Fellows mailing list
 - Follow-up from time to time (Alumni network)
- Evaluation forms for fellows & mentors
- Must engage in “experience sharing” project on returning to home country

Application and Selection

- Application process for IETF 70 & 71 has just closed
 - <http://www.isoc.org/educpillar/fellowship>
- Competitive application process
 - Over 200 applications received
 - Many from academic community
- Past fellows:
 - IETF 68: LK, PK, MX, KE, TN
 - IETF 69 NP, MN, UY, CO



A Few of the People We Reach...



Students and instructors, ccTLD Workshop in Guyana, Feb. 2007



ISOC Fellows at IETF 67 (L to R): Azael Fernandez Alcantara (Mexico), Alfred Prasad (Fiji), and Laupue Raymond Hughes (Samoa)



ccTLD Workshop in Nairobi, Kenya, Sept. 2005



Pre-SANOG Workshop Participants, Bhutan Jan. 2005

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Other Resources

- [**http://www.isoc.org**](http://www.isoc.org)
- [**http://ietfjournal.isoc.org**](http://ietfjournal.isoc.org)
- [**http://ws.edu.isoc.org/**](http://ws.edu.isoc.org/)