Welcome to the ccTLD Workshop

26 - 29 November 2007 Amman, Jordan



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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Baher Esmat ICANN

Phil Regnauld catpipe

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Mailing list

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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



Overview

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

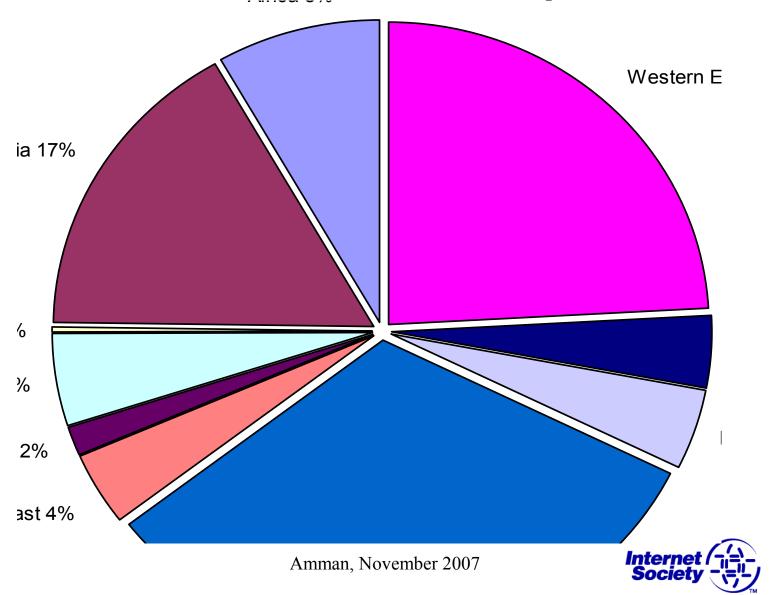


What is ISOC?

- 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

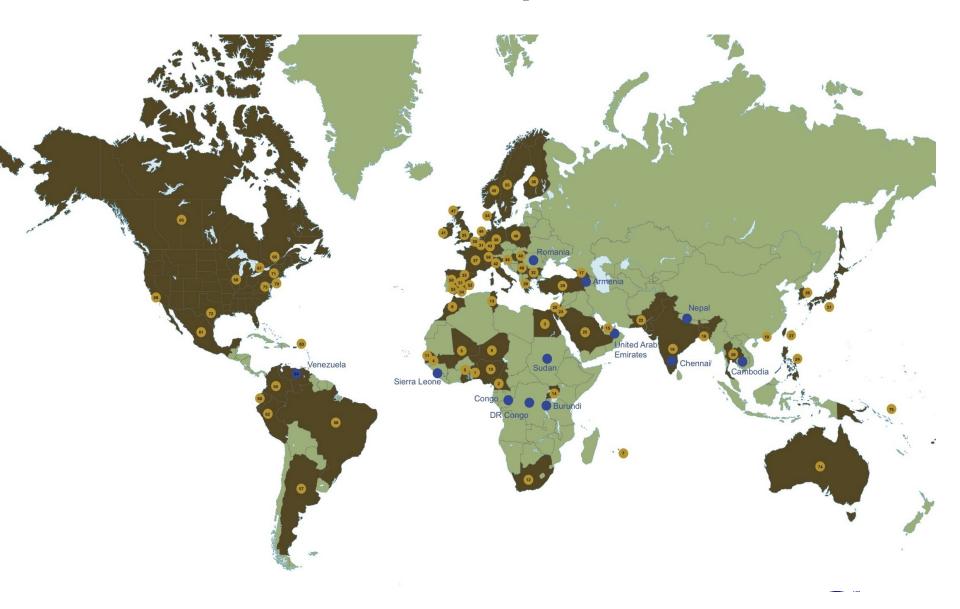


ISOC Chapters

- 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



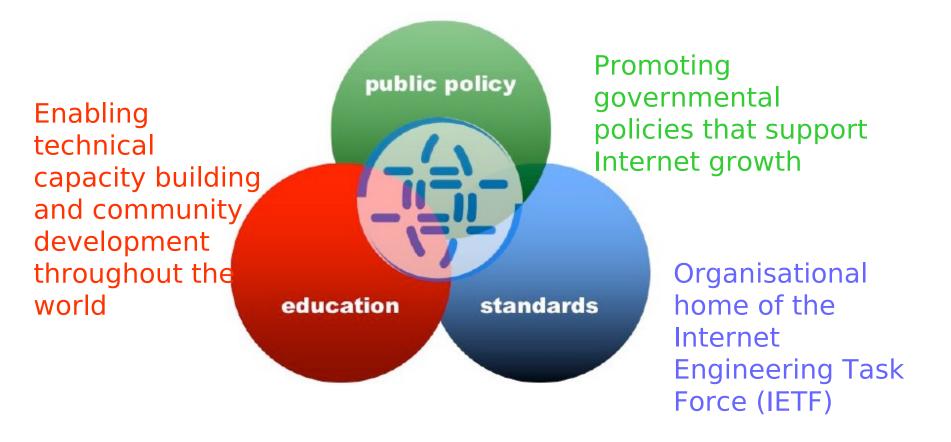
ISOC Chapters



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?



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
 Amman, November 2007



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

November 2006 Volume 2, Issue 3

Published by the Internet Society in cooperation with the Internet Engineering Task Fo



Editor's Welcome

By Mirjam Kühne

Whelcome to the latest issue of the IETF Journal, covering topics discussed during and following IETF 67 in San Diego in November 2006. As you may notice, we've made a number of improvements to the format and presentation of the journal as well as a change to the way each issue is dated. The new system is designed to more accurately reflect the specific IETF meeting being reported in a particular issue. It's also intended to avoid the confusion that may arise when journal issues are categorised by season. We're certain our friends in the Southern Hemisphere will appreciate the modification.

In this issue you'll find updates on the work of the Internet Research Task Force (IRTF), a report on progress being made with respect to e-mail address internationalisation (EAI), and a summary of developments related to IPv6 and Mobility, along with our regular columns by IETF chair Brian Carpenter and Internet Architecture Board (IAB) chair Leslie Daigle. A summary of the plenary appears on page 5, and a related article, "Reflections on Internet Transparency," is



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

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Welcome to the Internet Society Workshop Resource Centre

This web site provides a repository for sharing network training materials as well as a range of planning tools and information for trainers on how to set up and organise workshops. It also provides access to a directory of trainers and their competences and encourages interaction between members of the training community. The Internet Society Workshop Resource Centre is one of the many education initiatives supported by the Internet Society.

On this web site you can:

- Upload and download teaching materials for network technology workshops
- See or update our complete calendar of upcoming events
- <u>View</u> a list of network workshop sites hosted on this server
- Find tools and checklists to plan educational programs
- Search for potential workshop instructors
- Review archived presentations and teaching materials from various events around the world
- <u>Participate</u> in on-line planning discussions for upcoming events
- Obtain peer review for your lab exercises and curriculum
 Locate sources for lab equipment and technical books
- And find other related services

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



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 Amman, November 2007

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



ccTLD Workshop in Nairobi, Kenya, Sept. 2005



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



Pre-SANOG Workshop Participants, Bhutan Jan. 2005



Other Resources

http://www.isoc.org

http://ietfjournal.isoc.org

http://ws.edu.isoc.org/

