

An Overview of the ISOC Programs and Projects Supported by .ORG Revenues in 2004



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Introduction

A major source of program funding for many of ISOC's initiatives is the Public Interest Registry (PIR). PIR, through its ISOC roots, has the benefit of long-established and well-recognized mechanisms in place for responding to and supporting noncommercial Internet users.

PIR contributes to, supports and enhances ISOC's mission and programs by allocating surpluses generated by .ORG domain registration revenues to the sponsorship of ISOC-managed programs in line with the following common purposes of ISOC and PIR:

- To facilitate and support the continuing evolution of the Internet as a research, education and communication infrastructure, and to stimulate the involvement of the non-profit community, and others, in the continuing growth and evolution of the Internet
- To educate the non-profit community and the public at large about technology and the Internet, and to encourage others to do the same
- To stimulate and facilitate effective use of the Internet by non-profit organizations and others

ISOC has a long and successful track record as an enabler of sustainable initiatives in support of the open development, evolution and use of the Internet for the benefit of people everywhere.

Programs and related projects in the areas of Standards, Internet Policy and Education have contributed greatly to increasing technical competence as well as awareness of technical and social issues concerning the Internet.

In the area of Internet policy, .ORG support enables ISOC to develop and promote programs and communication activities in support of an open Internet.

In the area of Education, .ORG support has made possible initiatives such as the ISOC Workshop Resource Center and regional network training workshops in all parts of the world. These workshops help to strengthen the technical expertise of local network operators who need to design and manage larger networks as the demand for connectivity in their regions increases. Furthermore, workshops such as these have helped transfer technology and knowledge to developing regions in a move that is making them self-sufficient in their support of their local Internet infrastructure.

An overview of the programs and projects supported by .ORG revenues is provided on the following pages.

All these activities are examples of how ISOC supports public interest programs with the proceeds of .ORG domain name revenues generated by PIR.

Internet Society 2004 Program Review

I - Workshop Resource Center

Workshop Resource Center

ISOC together with NSRC developed the ISOC Workshop Resource Center as a centralized service to collect resources related to Internet Networking workshops and make them publicly available via a dedicated web site. Content includes technical training material on network design and deployment as well as planning tools to help workshop organizers develop and hold local events. The ultimate goal is for content development to become self-sustaining and for site users to form a support network that would support emerging training needs around the globe.

Since going live in February 2004, the Workshop Resource Center has been promoted widely to developing countries through a large number of training events and publications. It has been extensively used as a major resource by planners of network training workshops around the world.

The Workshop Resource Center now contains over 330 items from around 30 workshops. The web site has so far received over 402,000 site hits during 2004. 167 people from these 50 countries are registered users of the Resource Center: Afghanistan, Antigua and Barbuda, Argentina, Australia, Austria, Bangladesh, Belgium, Brazil, Burundi, Canada, Chile, Colombia, The Democratic Republic of Congo, Cuba, Denmark, Ecuador, Fiji, France, Gambia, Germany, Ghana, Guatemala, Iceland, India, Indonesia, Iraq, Italy, Kenya, Korea, Mexico, Republic of Moldova, Mozambique, Netherlands, Nepal, Niger, Nigeria, Pakistan, Peru, Senegal, Spain, Sri Lanka, Sweden, Switzerland, Thailand, Togo, Tunisia, Uganda, United Kingdom, United States.

Kmpc gl dn8 http://ws.edu.isoc.org

II – Regional Workshops and Activities

Network Training Programs

ISOC's Network Training Workshops enable knowledge transfer to local technicians and policy makers. Many of those that attended these workshops have gone on to help build the Internet infrastructure in their countries. Workshop graduates have also used their newly acquired skills to train those responsible for running and maintaining this infrastructure. And in the true spirit of the Internet Society, some have also worked to bring together those

with an interest in developing the potential of the Internet, enabling local users, operators and policy makers to play an active role in the broader Internet community.

During 2004, ISOC supported regional activities in Africa (AfNOG and AfriNIC), Asia (SANOG) and Latin America (WALC, CEDIA). Details of selected workshops follow.

These workshops are supported by the Workshop Resource Center, a portal that 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 organize workshops. It also provides access to a directory of trainers and their competences and encourages interaction between members of the training community.

CEDIA



ISOC provided support for the shipping of workshop routing kits and donated books for a two workshops that the NSRC conducted in Ecuador with the nascent R&E network between 29th February and 6th March 2004. With

support from ISOC, the National Science Foundation, and Cisco Systems, the NSRC provided technical assistance and hands-on training for the Consorcio Ecuatoriano para el Desarrollo de Internet Avanzado (CEDIA) and the Fundación para la Ciencia y la Tecnología (FUNDACYT) to help develop Ecuador's national research and education network. 40 students participated in each of the two workshops.

K mpc g dn8 http://www.cedia.edu.ec/old CEDIA/workshops.php

SANOG 2004



50 participants attended the two SANOG workshops in Bangalore (SANOG III) and 60 participants attended the three workshops in Kathmandu (SANOG IV). ISOC provided support for both events

and NSRC organized and taught a new track that was added in Katmandu on IP services, open source software, system administration, etc.

Highlights of SANOG IV included:

- 3 Workshops on Routing, DNS/DNSSec and IP services
- 8 Tutorials in multiple tracks: Routing, Anti-Spam, VOIP, IXP, Routing Registries and more
- BOFs: West Asia, PGP Key Party, Regional Policy, IXP, ISP-Security

- APNIC Training and Regional Policy Meeting
- RIPE NCC Hostmaster Consultation for West Asia Members

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AFNOG 2004

41 participants attended the AfNOG network training workshops in Dakar, Senegal from May 16th to 21st and 121 people attended the AfNOG and AfriNIC meetings including a number of Senegalese visitors from Government and other local organizations and authorities. The main outcome of the AfNOG workshop is that the participants are equipped to develop and maintain scalable services and routing networks in their countries. They are also now equipped with sufficient training material to enable them to train other technical professionals in their community thereby carrying technologies further into the emerging networks.

Highlights of the AfNOG 2004 workshops included sessions on:

- IETF Specifications for IP Telephony
- DNS (tutorial)
- Managing Spam & Viruses at the ISP

K npc gl dn8 http://www.afnog.org/tutorialprog.html
http://www.afrinic.org

WALC 2004

129 participants from 14 countries attended the 7th workshop for Latin
America and the Caribbean which was held in Cuzco, Peru from October 4
to 8, 2004. There were 6 tracks,
with sessions presented by 23

Instructors and 8 local organizers. Tracks covered the following topics:

- Wireless Data Networking
- Information Services
- Internet Routing Techniques
- Computer Network Security

This was the first time that a track was dedicated entirely to wireless data transmission – this track had the highest attendance.

 $K mpc \not g dm$ http://www.walc2004.cepes.org.pe/index.shtml

ccTLD Workshops

In 2004 ISOC held the first two in a new series of workshops to provide technical training to ccTLD operators that manage the servers and services for their national registries. The workshops are intended to help participants maintain stable, secure, and reliable service for their respective Internet communities.

The workshops also assist ccTLD operators in coordinating registry policy needs and their technical resources, so that they can make their own informed choices about how to implement the policies, operational goals, and management procedures in cooperation with their national Internet community. Participants also learned about current policies and procedures for working with IANA and ICANN on ccTLD management issues, and the requirements and procedures for getting IANA to make changes to the IANA ccTLD database.

A hands-on clinic in a lab environment allowed ccTLD managers to learn about existing tools and software for registry operations. Demonstrations by the toolset developers helped participants determine how to best format their data to register domains for their ccTLD, set up nameservices, exchange secondaries, create Whois data, etc. Users got expert advice on how to automate and scale up their current operations, and pointers on how to structure their existing data for use with open source toolsets.

A key outcome of the workshops was the building of relationships with peers/colleagues in the industry.

The first event took place at the RIPE NCC in Amsterdam, The Netherlands from 19th to 22nd June and brought together operators of ccTLDs in the following countries:

- Burundi (.bi)
- Benin (.bj)
- Nepal (.np)
- Sri Lanka (.lk)
- Ghana (.gh)

- Thailand (.th)
- Uruguay (.uy)

The second event took place at the Asian Institute of Technology (AIT) in Bangkok, Thailand from 7th to 12th October. Participants came from:

- Bangladesh (.bd)
- Bhutan (.bt)
- Cambodia (.kh)
- East Timor (.tl)
- Kazakhstan (.kz)
- Laos (.la)
- Mongolia (.mn)
- Vietnam (.vn)

Instructors included renowned experts from a wide range of organizations.

K mpc gl dn8 http://www.isoc.org/educpillar/cctld/

Small Grants Programs

Our support of Small Grants Programs in Asia (Pan Asia program) and Latin America (Frida program) has helped fund local and regional initiatives that provide innovative networking solutions to specific development issues. ISOC's support has put it on equal partnership status with all other partners of the programs and ISOC-nominated experts sit on the committees that select projects for funding.

For the Pan Asia program there are two types of grant available. Each small grant can receive up to US\$9,000, while each project grant is given up to a maximum budget of US\$30,000. Seven grants were awarded in 2004 to projects in Vietnam, India, Cambodia and Nepal. The projects cover areas ranging from Telemedicine to environmental protection.

The Frida program, which is administered by LACNIC with ISOC as a major sponsor has awarded around 12 grants to projects in Venezuela, Ecuador, Colombia, Argentina, Mexico, Chile, Peru, Uruguay, Brazil and Costa Rica. Examples of

projects include supporting the development of wireless community networks, the implementation of GRID tools for the integration and administration of network services and security management in Latin American networks.

WSIS, WGIG and Policy outreach

ISOC participated in a number of major forums during 2004 including meetings related to WSIS, the new UN Working Group on Internet Governance (WGIG), the UN ICT Task Force and ICANN. ISOC's messages are being recognized more widely than ever before, and our outreach efforts are supported by our web site and new information bulletins and publications on topical Internet issues. ISOC also carried out a number of cyber-surveys on these issues – the results are published in the ISOC member newsletter and on the ISOC web site.

A special feature of the INET04 conference was an ISOC track aimed specifically at governments and policy makers. While much recent debate has been around what has been labeled 'Internet Governance', this track set out to broaden the discussion by showing why cooperation models are needed that encourage the maintenance of an open, consensual and inclusive Internet. The speakers explained how these models can build on current successful processes by including new partners in Internet coordination activities.

Sessions in this track covered the following topics:

- The Changing Internet Standards Game
- Next Generation Policies for the Next Generation Internet
- Rethinking Internet Governance: The Roles of Intergovernmental Institutions,
 Private Authority, and Multi-stakeholder Partnerships
- Rethinking Internet Governance: Intergovernmental Institutions and ICANN
- Rethinking Internet Governance: Promoting Participation by Developing Countries and Civil Society Organizations

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K mpc gl dn8 http://www.isoc.org/pubpolpillar/
http://www.isoc.org/members/surveys/
http://www.isoc.org/isoc/conferences/inet/04/gov.shtml
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ISOC Tutorials at INET04



ISOC developed and delivered special tutorials during the INET04 conference in Barcelona, to explain the technology and policy implications of Internationalized Domain Names (IDNs) and IPv6. PIR received good

visibility as the sole sponsor of the IDN tutorial.

 $K\mathit{mpc} \not g \mathit{dn8} \ \underline{\mathtt{http://www.isoc.org/isoc/conferences/inet/04/}} \\ \underline{\mathtt{http://www.isoc.org/isoc/conferences/inet/04/tutorials.shtml}}$

ISOC Annual Report



This is the first-ever ISOC Annual Report. The publication, which is available in electronic and hardcopy formats, sets out to explain how ISOC works, what ISOC achieved during 2003 and where the society is heading in the future. PIR featured prominently in the 2003 report.

The Annual Report is expected to be an important marketing tool in discussions with prospective sponsors of ISOC-supported initiatives, prospective organization members, partners etc.

It will also be used to help raise ISOC's and PIR's visibility in various global forums - particularly with governments and policy makers thereby increasing the support available to ISOC and PIR to aid in our missions.

K mpc gl dn8 http://www.isoc.org/isoc/reports/ar2003/

IM/Chapter Support

After selecting a vendor for the new ISOC membership and accounting system, work has continued on developing and implementing the new systems.

New membership programs are also currently being developed and will be launched soon. These include a paid membership program aimed at enabling chapters and individuals to develop and thrive with better services, tools and support.

K mpc gl dn8 http://www.isoc.org/members/
http://www.isoc.org/chapters/

System Administration, Infrastructure Improvements

ISOC staff has developed a proposal to replace ISOC's 10 year-old computer equipment and to improve the society's web and email hosting environment. The internal office infrastructure upgrade has already been implemented with the web and email services scheduled for imminent upgrade. This will provide ISOC with greater web and email stability as well as a suitable platform to support future systems and services.

Governance

The ISOC CEO continued to oversee PIR board activities and interact with both ISOC and PIR boards and Afilias concerning PIR issues.

VI – IETF Restructuring

IETF Restructuring Transition Project



ISOC provided significant funding to the IETF to enable them to obtain resources to assist them with the IETF Administrative Restructuring (AdminRest) effort. There was IETF consensus on pursuing an AdminRest

plan based on the "Scenario O" proposal. "Scenario O" proposes that the IETF Administrative Support Activity (IASA) be organized as an IETF-controlled activity under the Internet Society (ISOC) legal umbrella. Current AdminRest activities are focused on managing the transition. Support of the IETF aids all the world as the development of open standards is critical to the development of the Internet.

K mpc gl dn8 http://www.alvestrand.no/ietf/adminrest/