SSR Capacity Building in DNS

ICANN # 48

Buenos Aires, ARGENTINA, Nov. 2.013
Introduction

• ICANN’s LAC Strategic Plan – 2.013-2.016
  – Key Area of Interest # 2
    “Capacity Building and Outreach”
  – Core Objectives:
    • Promote “Technical Capacity Building” on SSR issues and matters in DNS
    • Ease resources allocation to Ensure ccTLD’s Stability, Security and Resilience (SSR)
Project # 3: Overview

• Description:
  – Joint efforts between regional organizations (LACTLD, ccTLD’s, LACNIC, a/o) to provide
    Well-defined, consistent, sustainable
  – “Training Cycle (tech capacity building)”
    Regarding SSR in DNS.

• Scope & Deliverables:
  – Technical DNS-SSR training
    • Different levels and hearings

• Targeted Groups:
  – ccTLD’s, ISP’s, (public/private) DNS services related providers/entities
Project # 3: Overview

• **Start Date:**
  – August 2.013

• **Indicators:**
  – # (face, virtual) professionals trained/certified in DNS-SSR (total, per-year)
  – # official (face, virtual) DNS-SSR events organized (total, per-year)
  – …

• **Required resources:**
  – Human/Economic resources: budget, sponsorship, experts, fellowships, physical/virtual meeting rooms, IT SSR lab platforms, …
  – ICANN IT, audio/video-conference services: mailing lists platform, Adobe-Connect, …
  – …

• **Relation to/with other Projects:**
  – Regional Emergency Response Team (ERT) for LAC ccTLD’s
  – Other ICANN (and other organizations/entities) strategic projects related with “Capacity Planning”
Project # 3: Tasks & Activities

• (0) Build on what already exists

• (1) Identify and map
  – in-country, regional and global
  – organizations/agencies/entities
  – involved in DNS (SSR)
  – and related with LAC
Project # 3: Tasks & Activities

• (2) Identify and *categorize* current *activities/events* aligned/related with the Project

• (3) Engage with DNS-SSR related organizations on a simply yet accountable basis

• (4) Measure and identify DNS-SSR gaps/needs for the Region (raise awareness and skills)
Project # 3: Tasks & Activities

• (5) Develop complementary activities/material to enhance/scale identified events, focusing on identified gaps/needs

• (6) Empower (basic, advanced) training cycles, but for all DNS stakeholders
  – “ICANN’s SROC” training program
  – “Managerial-level attack and crises response planning”
  – “Tech-level hands-on defense techniques in simulated threat environment”
  – “Train the trainers” workshops to update exercises programs and certifications
  – ...
# Project # 3: Events Matrix

<table>
<thead>
<tr>
<th>Annual activities to support</th>
<th>How</th>
<th>$</th>
<th>Outcome</th>
<th>Audience</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-country DNS-SSR related events</td>
<td>International experts, sponsorship, training material</td>
<td></td>
<td># Participants</td>
<td>Academia, Government, ISP’s, Financial entities, etc.</td>
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<tr>
<td>LACNIC DNSSEC / DNS-SSR Workshops</td>
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<tr>
<td>LACTLD Tech Workshop</td>
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<td>LAC Tech community</td>
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<td>WALC Event</td>
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<td>LACTLD Material</td>
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<tr>
<td>LAC-IX tech meetings</td>
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¡Thank You!