Root Server System Advisory Committee Update

Suzanne Woolf, ISC
June 28, 2007
San Juan, Puerto Rico

Committee Overview

- RSSAC is one of the original ICANN Advisory Committees
- Includes root nameserver operators, RIRs, researchers, interested others
- Does not represent the root nameserver operators; a forum for interaction between operators and ICANN
- Provides written recommendations, informal advice to IANA and other portions of ICANN
- Meets at IETF, next meeting is in Chicago in July.
Current Work

• IPv6 addresses for the roots
  – Joint report with SSAC finalized in Lisbon
  – Step to managing IPv4-IPv6 transition
• DNSSEC readiness
  – For the first time in Prague, all the roots reported ready to serve signed data
  – Looking forward to next steps from IANA when ready (.arpa, root)
• IDN input to ICANN sought
  – Consensus statement finalized
  – Further review of IDN test plan

IDN

• Large, complex undertaking; DNS and root is only a very small part
• Statement from RSSAC
  – No problem with proposed test of standard delegations (NS records)
  – Please keep us informed as test plans and implementation go forward
  – RSSAC is happy to provide advice on DNS-specific technical aspects of test and deployment
  – Should aliasing become a requirement, RSSAC would work with ICANN to identify how to meet it
Additional Items

- Ongoing formalization of processes
- ICANN independent review scheduled
  - Tentative for later this year
  - Terms of reference to be defined
- Best practices documents
  - Security (TSIG key management)
  - anycast

Last word

- Next meeting at IETF 69, July 22
- Reviews/updates expected:
  - IDN (as requested by ICANN)
  - Operations
- Usual URLs:
  - www.rssac.org for committee-maintained content
  - www.root-servers.org for some technical information
  - http://www.icann.org/committees/dns-root/ for ICANN-maintained content