# Root Server System Advisory Committee Update

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# 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