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17 Barbara Roseman
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20 Russ Mundy
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25 Richard Lamb
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Agenda Bashing
New Members
IANA:DNSSEC update
IANA:arpa
CAIDA:ditl
DNSSEC:deployment
Anycast
SOP

IANA: .arpa infrastructure migration (Barbara Roseman)

IANA is using this month to finalize ops requirements and then will work over the next two months to implement the change. there is a plan in place to do the transition. the plan was delayed. it will be shared eventually. have worked it w/ the IAB and its on target for DoC review. DoC is just OK'ing the plan, not whether or not it will be implemented.

CAIDA:ditl (Duane Wessels)

the ditl results from 2007 are reviewed - (at the beginning of the year). NTP is important and there are EDNS0 issues, perhaps related to old code. Only 50% by source IP, which is lower than the 80% claimed by some. For 2008, planning at the CAIDA/WIDE January, Hawaii, after PTC, Internet2/TIP2008. 2 days before NZNOG

<http://dns.measurement-factory.com/writings/ditl-results.pdf>

DNSSEC update: (Richard Lamb)

have an implementation that is ready for deployment. running since July 2007. now backing up keys to alternate site. It is expected to be used for .arpa ... a backup system is now in place. ICANN is wanting SLA's for the .arpa

servers - contracts with the operators. There is ongoing work doing risk assessment for the root zone administration. Documentation, writing an operations manual for root zone signing process and procedures. Currently waiting on secondary selection for signed root zone publication. The demo system answers on v4/v6 on port 53 - much traffic from NLnet. RSSAC expressed a strong concern that this demo may become entrenched as an alternate root system. Questions about what is being tested are raised. It is not the service delivery. Is it key generation? Zone publication? or end-system/client use of the signed data? A recommendation to periodically turn off the demo system for 2xTTL plus a few hours as well as forcing key compromise might be useful. That ICANN is actively looking for contractual secondaries for root and arpa, as different than the existing roots is a fundamental change to the existing relations with the operators. Richard will work with the IANA staff and come back to the RSSAC list within the week on what types of questions/experiments to ask/work on.

DNSSEC deployment: (Russ Mundy)

few inputs to DNSSEC deployment and SSAC since last meeting. se. inputs from "small boxes" - some % of these DSL boxes would just kill DNS queries if the data was signed. also - how ssac should/should not make comments about DNSSEC in public. no formal statement from ssac on dnssec. now may not be the right time.

future issues: algorithm rollover considerations. also, islands and Trust Anchor Mgmt. how are TAs to be managed. a suggestion to look to the minutes of the last RIPE mtg - the TA-repository work might be useful. also - should recommend to TLDs to sign their zones as soon as possible. parallel heirarchies are difficult to maintain

Anycast:

- a - no change
- b - no change
- c - not present
- d - no change
- e - not present
- f - added two nodes - see web site
- g - not now - may soon
- h - no change
- i - two new sites - see web site
- j - more sites added
- k - no change
- l - now anycasting
- m - no change

Statement of Principles status: (Suzanne Woolf)

Suzanne/Joao will summarize. ISC took the lead on working on an accountability framework w/ ICANN. The final text should be done shortly. ISI has tried to pursue an accountability framework statement without any response from ICANN. Autonomica is also pursuing a way to publish its statements. VSGN and RIPE are also interested in what ISC/ICANN come up with WIDE/JPRS are also interested.

IPv6 status: (Bill Manning)

Not much has changed since our last meeting. At least four of the root server operators have demonstrated IPv6 capability and have formally requested that ICANN add them to the root. This is based on the RSSAC/SSAC joint recommendation that said that this is OK to do. At the last meeting, the IANA general manager said that it's in ICANN's executive/policy committee. We'd really like some feedback from either IANA or ICANN about when the requests will be processed. A formal request will be sent from RSSAC to ICANN asking for the requests to be processed. This will not be a public announcement.

the next mtg: 09 march 2008 - Philadelphia, PA, United States

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