Update on IANA

Barbara Roseman
Internet Assigned Numbers Authority
IPv6 for the root servers

- 6 of the 13 servers added AAAA addresses (4 February 2008)
- Small increase in load on servers
- No known problems
- Enhances IPv6 deployment capabilities
- Further details available at:
DNSSEC update

- IANA continues to offer testbed of signed root zone
  https://ns.iana.org/dnssec/root.zone.signed

- Gaining operational experience in handling key-signing keys and zone-signing keys

- Transitioning .arpa and in-addr.arpa publication to ICANN
  - IANA will sign .arpa and in-addr.arpa after the transition
Processing trends for root zone management
Processing trends: name server change requests vs. more complex requests

Name Server change Closed Tickets Mean STD Dev Median processing times for 2007

Redelegation/Delegation Tickets Mean STD Dev Median processing times for 2007
Trends analysis

- Routine requests done faster
- Remaining tickets on average taking longer
  - Redelegations etc. take more due diligence, often more contentious. Building number due to outreach efforts.
- We will study underlying causes and report back
- Propose splitting monthly reporting into “regular” and “irregular”/“exceptional”
  - Need to define the latter — redels and third-party impacting?
Update on services

- Service level targets for root zone requests
  - Working on compiling historical data (see previous graphs)
  - Drafting a set of service level targets for discussion
- RZM System in beta testing
  - Compliance testing for production deployment
  - Security audit of software
Protocol and Parameter Registries

- Project to xml-ize the registries
  - Coordinated with IETF xml experts
  - All new registries created in xml format
  - Updating older registries on planned schedule

- Monthly statistics report
  - Additional to dashboard
    http://beta.iana.org/about/performance/ietf-statistics/
Thank You!

Barbara Roseman
barbara.roseman@icann.org

Kim Davies
kim.davies@icann.org