IANA WG conf call dedicated to RZM testing

Topic/Project: RZM testing   **Date:** Wednesday 26 th March 2008 17:00(UTC)

Participants:

Olivier Guillard .fr (OG), Abebe Mebrate .et (AM), Simon Raveh IANA (SR), Naella Sarras IANA (NS)

Summary:

- ✔ RZM/eiana is a software that is planed to be used for interractions with TLD: IANA set up a testbed plateform to test it ;

- ✔ IANA called for volunteers to test the software ;

- ✔ IANA WG formed an RZM test group opened to any ccs that would wish to share their testing effort ;

- ✔ A systematic testing approach is being documented and published on the IANA WG web site ;

- ✔ Tests will starts the 7th of April (7/8 weeks expected);

Background

OG reminded that the IANA WG is organizing this testing process to support IANA the deployment of RZM/eiana interface for TLDs. This initiative is following up communications and calls from IANA over ICANN meetings in Puerto Rico and Los Angeles. An RZM testbed platform is set up and documented by IANA.
OG reminded that the IANA WG has no other resources than volunteers, this meeting is organized for RZM testers to facilitate the process: he thanked IANA for organizing it. Testing is an integral part of producing quality software, it's hoped that this testing approach will help to track bugs and to evaluate the benefit of the new software.

A planned test process, tests definition, and results record approach is proposed by the IANA WG, documention is available on the IANA WG web site: http://ccnso.icann.org/workinggroups/ianawg.htm

SR provided some background about RZM/eiana. He reminded that the software was developed to improve the performance of the Root Zone Management process. The design goal has been to make the current process more efficient through, where possible, automating parts of processing that are presently manual. However, he recalled that the processing workflow has not substantively been changed by the new software.

SR reminded that an RZM test platform is set up, accounts are opened to any TLD that ask for.

Test info and process notes:

- IANA needs to perform manual checks over testing to act as close as the real operational environment will be, and to closely survey that everything runs properly;

- Administrative changes are only dealt with by exchanges between the tester and IANA (DoC doesn't intervene in the testbed, the DoC step is forged at this testing stage).

- On the other hand, when the change involves a modification in the root zone, then an EPP request is sent to the Verisign EPP server.

Main Issue:

One of the issues is to synchronize testing between testers and IANA, since testers have to wait for the IANA manual checks over each request to be performed before a ticket is closed, which is a condition to launch a new request.

Tips to deal with that on the tester side:

- More than one change can be sent within the same request;

- Possibility to withdraw a ticket at the very end of the process (although a IANA check is not performed in that case, many tests can be "partially" performed by a tester);

Other measures:

To help synchronizing efforts between IANA and testers, it was also agreed that during the testing period, IANA will commit to dedicating a specified time each workday to process all requests pending manual review on the following times:

   Morning time slot: 9-10am LA time.
   Afternoon time slot: 4-5pm LA time.

See here for time in other cities:

http://www.timeanddate.com/worldclock/meetingtime.html?day=31&month=3&year=2008&p1=137&p2=248&p3=7&p4=195)

Additional notes about test requests:

When more than one change is sent within a single request:

a/ when the change only includes administrative changes, then all the
    changes are dealt and performed within a single ticket;

b/ if the request includes NS and administrative changes then the
requester can split the request into more than one ticket if he wish
(this is recommended since administrative and technical changes don't
follow the same path, each type of request will then be managed
independently : practically, administrative changes may be performed
faster than technical one);

c/ in any case, changes that would involve glue modification will be
dealt in a single ticket and separated from other changes that would be
sent at the same time if necessary, since glue change may need
authorizations from other zone operators using the related Name Server;

Missing in the draft test paper : additional tests to be performed:

Some additional tests that were not mentioned in the initial testing
approach paper would be important to perform. These are related to RZM
accounts :

  – RESET PASSWORD
  – CHANGE PASSWORD
  – RECOVER USER NAME
  – CHANGE USER

Testing tools and process:

A bug tracker is available here:
https://sourceforge.net/projects/eiana

A mailing list will also be set up by IANA to communicate about the
test platform and for testers to exchange about the tests.

IANA will use the mailing list to inform testers about anything that
may be relevant to them (updates in the software, specific issues with
the plateform, etc.)

Testers list update:

OG indicates that people from: .cz .et .fr .jp .kr .lt .mx
had contacted him to participate to this joint initiative.

Schedule:

It is planed to operate the tests between the 7th of April and end of
May.