

Elise Gerich, VP IANA and Technical Operations
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12 August 2013

Dear Elise

Following a number of requests by community members, as well as responding to your own question about progressing the RPKI Global Trust Anchor implementation, we would like to take the opportunity to update you on the RIRs' position.

First of all I would like to reiterate the principles we already emphasised in our letter of 28 August 2011, namely that the development, implementation and operations of the RPKI system, including a Global Trust Anchor, must be guided by operator input, keeping in mind the importance of operator autonomy at all stages; and that adoption of resource certification will rely on the recognition and participation by the ISPs who are responsible for creating and operating the Internet's routing infrastructure.

As we understand, an initial draft document on the operation of such a Trust Anchor was produced by ICANN staff during 2012, and circulated to the RIRs in late November. The RIRs passed back their comments on this draft in January of this year. We would like to pick up the activity from this point, and confirm that we are still looking forward to receiving further feedback on these comments, as a way of progressing this consideration of architecture and operational procedures that would be associated with this activity.

Since late 2012, however, the RIRs' RPKI team has not stood still; on the contrary, additions and improvements of the system are happening continually. In terms of prioritisation, upmost on our to do list is work to ensure and to validate the stability of our RPKI implementations to production level reliability, before continuing to work on support for inter-RIR resource transfers and related matters.

Before these goals are achieved, it will not be feasible to implement and deploy a Global Trust Anchor, in the short term. We do however look forward to working together with ICANN on preparing a testbed to demonstrate compatibility and functionality of a complete system including Global Trust Anchor functionality.

While we will of course respond to emerging community needs, we do expect that an IANA testbed may be in operation for an extended period of time, as part of a comprehensive global testbed which proves interoperability and stability of all RPKI components.

In order for us to coordinate closely, and keep each other updated on progress and intentions, I propose that we meet regularly, for instance at every IETF, to help progress our collective activities.

Please feel free to contact me, or any of my colleagues, should you have any questions, concerns or comments.

With best regards,



Paul Wilson
Chair
Number Resource Organisation

Copies to:

Fadi Chehadé, ICANN President and CEO
Steve Crocker, Chair, ICANN Board of Directors