Date: Tuesday 29 November
Time: 10:00-11:00 CET, 09:00-10:00 GMT

Present: René, Rickard, Nick, Yuri, Matthijs, Roland

Absent with notification: Jakob

Minutes: Roland

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1. Agree on the agenda

We stick to the proposed agenda

2. Action points

The outcome of a discussion about the migration from the "old" enforcer to the new one is that Jakob will specify an export format, Sion will write code to do the export and Yuri should write code to do the import. There is a ticket for that, OpenDNSSEC #117.

3. OAB decision and OpenDNSSEC 2.0

The OAB liked the Enforcer NG work and Yuri's presentation. They would like the Enforcer NG to be in a OpenDNSSEC 2.0 version to be released before end of Q2 2012.

4. Feedback and state of the alpha version

Yuri talked to someone at the RIPE meeting who would like to test it but only after the communication between the enforcer and the signer works correctly. Rickard has not done any tests lately. Yuri discusses that he would like to have some manual tests done about the sanity of the DNSSEC state output, Rickard promises he's going to give this a try.

Yuri and Matthijs specified how the signer should interpret the enforcer's output. They have found a good solution that still supports smooth transitions between the signatures of two keys while also supporting multiple keys. Unfortunately, Matthijs is going on holiday so the work will be at a standstill until early January.

René has been working full-time on the database layer for the past couple of weeks. It is now in a state where he is integrating it back into the enforcer. He is hoping to check in the code today and to get the ball rolling with respect to finishing the database integration. It was a lot of work to get the protocol buffers stored correctly in the database, but he is quite confident that he has mastered all the nasty corner cases. The code has been designed with ACID properties so is transaction based. It has also been optimised to minimise the memory impact by only having one zone's state in memory at a time. This means that it should scale well for very large sets of zones.

Rickard is going to give the new database code a try.

5. Roadmap towards beta

We decide to have one more fully integrated alpha version, planning is to have that on Friday January 13th :-) -- we would ideally like people from the community to test this version.

Based on the feedback from this alpha, we would like to release a beta version that is feature complete and feature frozen before the end of February.

There is some discussion about additional commands that need to be implemented before it is feature complete, we agree that the target should be to have all missing features implemented before the final alpha release (and if necessary do an additional alpha). One of the features discussed is safely turning off DNSSEC; we agree that it is currently out-of-scope to do this in an automated fashion, but Yuri will implement a check to see if any keys are configured for a zone and give a warning and ask for extra confirmation if this is the case.

6. Testing

Nick is currently mostly involved in test work for SIDN so does not have time to spend on testing, he is hoping this will improve and he will get more time.

7. AOB

No other business

8. Next meeting

Tuesday January 10th at 13:30h CET, 12:30h GMT

Action points

- **Action point 1 -** Yuri to contact potential tester when communication between enforcer and signer has been fixed
- **Action point 2 -** Yuri will sollicit testers from the user community for the final alpha