Date: Tuesday 27 March
Time: 14:00-15:00 CEST, 13:00-14:00 BST

Present: Rick, Sion, Rickard, Alex, Yuri, Jerry.

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1. **Who will write minutes?**
   Rick

2. **Agree on the agenda**
   Agreed.

3. **Action points**
   Deferred, as Jerry is not in at this time. Was not raised later on.

4. **Updates OpenDNSSEC**
   Enforcer: No specifics; Jerry proposed a few SQL improvements that were trivial to judge: we should add them.
   Sion is looking at making the Enforcer faster.

5. **Updates Enforcer NG**
   Rickard reports that Yuri has finished his paper on key rollovers, and there will be a meeting in 2 weeks to see
   how to proceed with releases.

6. **Updates SoftHSM**
   Nothing to report.

7. **Testing**
    There has been a report that migration scripts got dropped from the tarball, so an updated was/is needed.

8. **Adding more indexes to SoftHSM database**
   Jerry has done SQL queries and looked at it from a low-level viewpoint. He has found that certain SQL queries
   don't use indexes, and therefore scan through the entire database. Adding the right indexes doubled the
   database size, but caused an incredible speedup. We agree that the added space for the SQLite databases is
   not such a big problem that this should be considered problematic. Jerry adds that most of the comparisons
   are done on blobs, but Rickard explains that he needed untyped searches and that those blobs are actually
   binary *little* objects. This nice thing of adding indexes is that no changes are required to the data model in order
   to speedup. Rick adds that Oracle has taken over BerkeleyDB and added an SQLite3-compatible API to it, with
   good chances that the performance is better. In light of the file-based storage of key space in SoftHSM 2.0, we
   consider it too far off our track to investigate that particular possibility. **Action Sion:** Look into indexes for the
   KASP database. **Action Rickard:** Look into indexes for SoftHSM. **Action Jerry:** Find back the spot on the
   Wiki that says that MySQL support is experimental, and remove that remark.

9. **Zone views**
   Rick proposes to change the identity of *stuff to sign* in OpenDNSSEC from the zone's DNS name to the
   combination of the zone's DNS name and an administrator-picked label for a view. That would ensure that
   adaptors and signing configurations and so on are treated separately. It would be possible to share the keys
   between the views (and have one DS in the parent) or to use separate policies. In the former case, the key
   state is nowadays split per zone, so it would seem that both approaches can work; Sion needs to ponder the
   implications a bit more. This should not be a show-stopping 1.4 feature, so it will move into 2.0, because we do
   agree that this is a good solution, and could work. **Action Rick:** Expand the story in the issue tracker
   accordingly.

10. **Can we release?**
    - **OpenDNSSEC 1.3.8**
      - **https://issues.opendnssec.org/browse/OPENDNSSEC/fixforversion/10731**
      - There is work to do, so we cannot go ahead with a release.

    - **OpenDNSSEC 1.4.0**
      - **https://issues.opendnssec.org/browse/OPENDNSSEC/fixforversion/10106**
      - The α1 version was released recently, and has not accrued any feedback yet. There are however
        things to be done before the release, especially with regards to testing. Jerry reports that the
        tests from 1.3.x don't map directly onto 1.4.0α1, specifically ods-control does not work. The
        signer does not agree to being started right after the enforcer, and gets stuck, in turn bringing ods-
        control to a halt. This behaviour is not consistent though. There may also be problems with

signal handling. **Action Jerry:** Create an issue, possibly assigned to the person he would like to look into it.

- **OpenDNSSEC 2.0.0a3**
  - **https://issues.opendnssec.org/browse/OPENDNSSEC/fixforversion/10728**
  - Yuri works on the Enforcer NG, there is a meeting in 2 weeks.
- **SoftHSM 2.0.0**
  - Rene will shortly have time to work on this.

11. **Next meeting**
    There is an Enforcer NG meeting on April 10th, 14:00-15:00 CEST. We will have another OpenDNSSEC meeting right after that, at 15:00-16:00 CEST, or 14:00-15:00 BST.
12. **AOB**