

**Date:** Wednesday 1 February

**Time:** 14:00-15:00 CET, 13:00-14:00 GMT

**On the wire:** Rickard, Jerry, Sion, Alex, Matthijs

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### 1. Who will write minutes?

Matthijs

### 2. Agree on the agenda

Yes

### 3. Action points

- **Matthijs:** Enter tests for multiple zones (also from multiple masters) into JIRA. [done]
  - <https://issues.opensssec.org/browse/OPENDNSSEC-172>
  - Everybody is encouraged to take a look at the wiki page (see description issue 172)
- **Rickard:** Propose a warning message, about the Idns bug, to be sent to the users list, and send it to the developer's list for comments. [done]
- **Rickard:** Discuss "**hsm\_get\_key\_rdata produces wrongly encoded DNSKEYs**" with the user and work towards a solution for their problem. [partially done, see point 8]
- **Jerry:** Announce the existence of the maintainer list to the package maintainers. [done]
  - Sion is going to contact missing individuals?
- **Rickard:** Change the release management documentation to include the update of version numbers. [done]

### 4. Updates OpenDNSSEC

Matthijs has finished work on OPENDNSSEC-149: The serving IXFR part in the Output Adapter. Matthijs has implemented OPENDNSSEC-33 in branch-1.3 and trunk, checking the HSM connection. Matthijs resolved multiple small stories and nits in branch-1.3, trunk and for the EnforcerNG.

Sion has created a migration script for migrating to EnforcerNG, based on Jakobs XML. It should not be required for 1.4 though.

Nothing from Alex.

Rickard is waiting on Jakob to do an acceptance test for the PIN daemon feature, as part of libshn.

### 5. Updates Enforcer NG

Jerry works on database backends in EnforcerNG. Jerry wants to remove the build configuration stuff, so that choice of db backend is a configuration file thing only. That does require installing one dependency you are not going to use (either mysql or sqlite3), and it requires some more autoreconfiguration when making the sample conf.xml. Advantage is that we can remove the bad supported DPI stuff. Jerry is going to start a thread about this on the maintainers list.

**Action Point: Jerry:** Start a thread about database backends on the maintainers list.

### 6. Updates SoftHSM

Nothing particular.

### 7. Testing

Jerry wrote some testing documentation, announced by mail. Everyone is encouraged to take a look. We are getting support of SUSE. We now have 10 machines up and running, 5 more VMs are coming up. Jerry is playing with the thought of using the buildfarm to test your own stuff, but that requires that every developer works in its own separate branch and make development more complicated.

Testing DNS adapters has been written down, we discussed how we are going to put this in the test environment. With Jenkins it is possible to set up some machines acting as master and secondary, and than test DNS adapters can be implemented as a test-<project>. Matthijs will give it a try. That does not give us long term testing (where a certain setup just runs for months like it was in production).

**Action Point: Matthijs:** Create DNS adapters test, starting with a simple, one zone setup.

### 8. hsm\_get\_key\_rdata produces wrongly encoded DNSKEYs

<https://issues.opensssec.org/browse/SUPPORT-21>

Rickard suggested that the signer needs to observe the DNSKEY record and if it has leading zeros in the

exponent or modulus, prevent outputting the zone. Matthijs dislikes the idea to make a hack fix to support a broken HSM. Rickard points out that this is not necessarily broken in the HSM api, but DNSSEC introduced this enforcement. We have to investigate more on how to deal with this.

#### 9. Can we release?

- **OpenDNSSEC 1.3.6**

- 4 resolved to be closed, 1 moved to 1.3.7. If the 4 to be closed stories are accepted, we can release.

- **OpenDNSSEC 1.4.0**

- We will focus more on 1.4.0 next meeting
- We have to think about OpenSSL replacement for TSIG functionality
- We have to test DNS adapters more thoroughly.

- **OpenDNSSEC 2.0.0a3**

- There are 3 topics to be resolved, when Yuri gets back (this monday)

- **SoftHSM 2.0.0**

- Rene will pick this up, most probably.

#### 10. Next meeting

Valentines day, 14 february 2012, 14:00 - 15:00 CET, 13:00-14:00 GMT

#### 11. AOB