

Opening

Present: Rickard, René, Yuri, Jerry, Roland (minutes)

Agenda

- Action items
- Yuri's key rollover issue
- Transitioning tool
- Testing
- Alpha + beta
- AOB

Action items

The only action item that remains is the "what is leading" discussion ([issue OPENDNSSEC-197](#))

Yuri's key rollover issue

The issue was that the rules did not explicitly give a dependency when multiple keys were in use (where multiple is $n > 2$). The result of this is that the Enforcer could incorrectly assume that there is a valid key set and would retire a key before this was safe. The issue has been solved, but the solution has not been implemented yet. Yuri hopes to be able to fix this issue before the end of next week.

Transitioning tool

Jakob created an intermediate file format that Sion can use to export key state data from the old enforcer and that Yuri can use to import that data into the new enforcer. Sion is ready to start implementing it. Yuri does not have time yet, because he has to work on the key rollover issue first. We discuss whether or not Jerry and/or Rickard can spend time on this. Roland will create a story for this in JIRA.

Testing

Rickard tried to read the specifications for the key rollovers and did some manual calculations. He then found out that the behaviour of the Enforcer differs from what the specifications say. He has proposed a patch which he needs to discuss with Yuri. There is an issue for this in JIRA, [OPENDNSSEC-185](#) (this is for the ZSK), there is also an issue for ZSK rollovers, [OPENDNSSEC-183](#). Yuri and Rickard discuss the issues. It seems the KSK issue only occurs the first time the KSK is rolled. We discuss whether or not we want to write code to address this specific case. We conclude that Rickard and Yuri need to discuss this some more to resolve both issues.

Rickard reports that whenever the Enforcer updates the signer configuration it should notify the signer ([OPENDNSSEC-206](#))

There is one final issue, [OPENDNSSEC-186](#); if no DS-submit command has been configured you cannot progress a KSK rollover. René says that if you do an export of the DS, the state transition will also occur. Rickard is going to check this and close the issue if the export indeed causes the state transition.

Jerry reports some build issues ([OPENDNSSEC-208](#) and [OPENDNSSEC-213](#)) and has some more build issues he will look into (and fix if they are easy to fix).

Alpha + beta

List of issues to resolve before an alpha:

- [OPENDNSSEC-183](#) Wrong timing after introducing KSK
- [OPENDNSSEC-185](#) Problems with ZSK rollover

- [OPENDNSSEC-186](#) Cannot submit/ds-seen a KSK
- [OPENDNSSEC-206](#) Does not talk with the signer
- Key rollover issue (story to be created by Yuri)

These issues will be linked to the alpha version in JIRA so we can track progress.

List of issues to resolve before a beta:

- [OPENDNSSEC-208](#) Double sqlite3 m4 in EnforcerNG
- [OPENDNSSEC-213](#) EnforcerNG does not build on FreeBSD: error 'arc4random' was not declared in this scope
- [OPENDNSSEC-219](#) Compile failed on NetBSD: c++ cwchar problem
- [OPENDNSSEC-220](#) Compile failed on OpenBSD: Need to sync signer with trunk
- [OPENDNSSEC-221](#) Make check ORM fails on Debian/Ubuntu/OpenSUSE: might be CppUnit version problem
- [OPENDNSSEC-222](#) Create transitioning tool from Enforcer to EnforcerNG
- [OPENDNSSEC-223](#) Create export tool that outputs the Enforcer state

These issues will be linked to the beta version in JIRA so we can track progress.

AOB

René is going to update the licence info in the source files so expect a lot of changes in SVN.

Yuri is going to present on the Enforcer NG rules at the [SATIN 2012 workshop](#) in London on March 22-23

Next meeting

March 26th at 10:00h CET / 9:00h BST

Action items

- **Roland** - create story for the transitioning tool and assign to Jerry
- **Yuri** - create story for key rollover issue and assign to self ([#224](#))
- **Rickard and Yuri** - discuss and resolve [OPENDNSSEC-183](#) and [OPENDNSSEC-185](#)
- **Rickard** - create alpha version and beta version in JIRA so we can assign the issues to that version
- **Roland** - discuss release strategy for OpenDNSSEC 2.0 at OAB meeting in Ljubljana